



ndikhae<sup>®</sup>

TRADING & PROJECTS

**SIGNAGES | POSTERS | ROAD SIGNS**

CATALOGUE



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TRADING & PROJECTS

# AREA OF RESPONSIBILITY SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# AREA OF RESPONSIBILITY

600mm x 240mm **AOR01**

**RESPONSIBLE PERSON**

600mm x 200mm **AOR05**


**AREA OF RESPONSIBILITY**


**GERT HANEKOM**


600mm x 600mm **AOR02**


**THE ELECTRICIAN RESPONSIBLE FOR THIS AREA IS:**

600mm x 450mm **AOR03**


 **YOUR HEALTH AND SAFETY REP ARE:**  
1   
2   
3

 **YOUR FIRST AIDER ARE:**  
1   
2

 **YOUR FIRE CO-ORDINATOR ARE:**  
1   
2

 **YOUR EVACUATION LEADER ARE:**  
1   
2

800mm x 600mm **AOR04**

  
**ANGLOGOLD ASHANTI**

WELCOME TO AREA   
WE ARE RESPONSIBLE FOR THIS AREA


ENG. FOREMAN   
FITTER   
ELECTRICIAN   
SAFETY REP

**SAFETY IS OUR FIRST VALUE**

600mm x 250mm **AOR06**

**RESPONSIBLE ELECTRICIAN:**   
**ALTERNATIVE ELECTRICIAN:**

600mm x 400mm **AOR08**

**samancor**   
WESTERN CHROME MINES

WELCOME TO AREA   
WE ARE RESPONSIBLE FOR THIS AREA

MINE MANAGER   
SECTION MANAGER   
MINE OVERSEER   
S / SUPERVISOR

Spectrum Printing & Signs 082 823 0800

600mm x 400mm **AOR07**

**RESPONSIBLE PERSON:**   
**SECTION:**   
**CONTACT DETAILS:**

800mm x 500mm **AOR09**

**IMPALA PLATINUM**  **RESPONSIBLE PERSONS**

**Business Area Manager**   
**OperationS Manager**   
**Mine Overseer**   
**Shift Supervisor**   
**Miner**   
**Safety Rep**

# AREA OF RESPONSIBILITY



800mm x 665mm AOR10

**AngloAmerican** **PLATINUM**

---

**WELCOME TO AREA**

**WE ARE RESPONSIBLE FOR THIS AREA**

**ELECTRICAL**

**BOILERMAKER**

**FITTER**

**INSTRUMENT**

500mm x 500mm AOR11

**ANGLOGOLD ASHANTI**

**AREA OF RESPONSIBILITY**

**MANAGER**      **NAME:**   
**TEL NO:**

**MINE OVERSEER**      **NAME:**   
**TEL NO:**

**SHIFT OVERSEER**      **NAME:**   
**TEL NO:**

**MINER**      **NAME:**   
**TEL NO:**

**TEAM LEADER**      **NAME:**   
**TEL NO:**

**SAFETY REP**      **NAME:**   
**TEL NO:**

RESPONSIBLE FOR GOOD HOUSE KEEPING IN THIS SECTION  
**YOUR ATTITUDE MAKES THE DIFFERENCE**

500mm x 500mm AOR12

**LANXESS**  
 Energizing Chemistry  
 LANXESS Chrome Mining (Pty) Ltd.

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**WELCOME TO AREA**

**WE ARE RESPONSIBLE FOR THIS AREA**

**MINE MANAGER**

**SECTION ENGINEER**

**FOREMAN**

**CHARGE HAND**

900mm x 700mm AOR13

**samancor**  
 WESTERN CHROME MINES

**AREA OF RESPONSIBILITY**

**MANAGER**      **NAME:**   
**TEL NO:**

**MINE OVERSEER**      **NAME:**   
**TEL NO:**

**SHIFT OVERSEER**      **NAME:**   
**TEL NO:**

**MINER**      **NAME:**   
**TEL NO:**

**TEAM LEADER**      **NAME:**   
**TEL NO:**

**SAFETY REP**      **NAME:**   
**TEL NO:**

RESPONSIBLE FOR GOOD HOUSE KEEPING IN THIS SECTION  
**YOUR ATTITUDE MAKES THE DIFFERENCE**

650mm x 350mm AOR14

**AREA OF RESPONSIBILITY**

**RESPONSIBLE ENGINEER**

**RESPONSIBLE FOREMAN**

**RESPONSIBLE ARTISAN**

**RESPONSIBLE ARTISAN**

800mm x 800mm AOR15

**YOUR HEALTH AND SAFETY REPS ARE:**

SHIFT A	Edwin Komane	072 186 1983
SHIFT B	Elvis Maboko	082 666 8887
SHIFT C	Dan Masilo	076 832 3274
SHIFT D	Willilam Phethle	078 3886069

**YOUR FIRST AIDERS ARE:**

SHIFT A	Patrick Maroga	071 354 7756
SHIFT B	Piet Magaba	071 581 5719
SHIFT C	Tshwarelo Moimane	072 862 4337
SHIFT D	John Ndlovu	071 078 5127

**YOUR FIRE CO-ORDINATORS ARE:**

SHIFT A	Edwin Komane	072 186 1983
SHIFT B	Elvis Maboko	082 666 8887
SHIFT C	Dan Masilo	076 832 3274
SHIFT D	Willilam Phethle	078 3886069

**YOUR EVACUATION LEADERS ARE:**

SHIFT A	Patrick Maroga	071 354 7756
SHIFT B	Piet Magaba	071 581 5719
SHIFT C	Tshwarelo Moimane	072 862 4337
SHIFT D	John Ndlovu	071 078 5127

Plant Superintendent	Collen Raedani	083 342 9125
Metallurgical Foreman (RPO)	Nico de Beer	061 370 2619
Engineering Foreman	Elias Sithole	083 237 3945
Safety Officer	Wes Warner	082 333 6897



# AREA OF RESPONSIBILITY

**GLENCORE**

**WE ARE RESPONSIBLE FOR THIS AREA**

**MINE OVERSEER**

**SHIFT BOSS**

**MINER**

Specimen Printing 015 237 4540

**AREA OF RESPONSIBILITY**

**RESPONSIBLE ENGINEER**

**RESPONSIBLE FOREMAN**

**RESPONSIBLE ARTISAN**

**RESPONSIBLE ARTISAN**

**AREA OF RESPONSIBILITY**

**ENGINEER**  **CHRISTO SCHOONRAAD**

**MECH. FOREMAN**  **ANDRE JOUBERT**

**ELECT. FOREMAN**  **JOHAN V. LOGGENBERG**

**ELECTRICIAN**  **BRAAM**

**FITTER**  **ATTIE DE WET**

**HARMONY**

900mm x 900mm **AOR17**

**GLENCORE**

**AREA OF RESPONSIBILITY**

**MINE MANAGER**

**MINE OVERSEER**

**SHIFTBOSS**

**MINER**

**TEAM LEADER**

**SAFETY REP**

Specimen Printing 015 237 4540

1400mm x 800mm **AOR20**

**RES-QUE-PACK AREA**

**NO ENTRY**

**WITHOUT RES-QUE-PACK**

**SECTION**

**AREA OF RESPONSIBILITY**

**MINE OVERSEER**

**FOREMAN**

Specimen Printing 015 237 4540



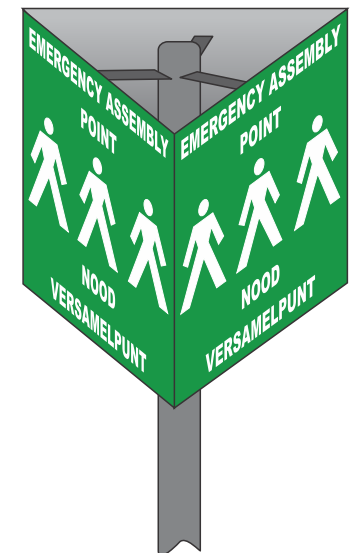
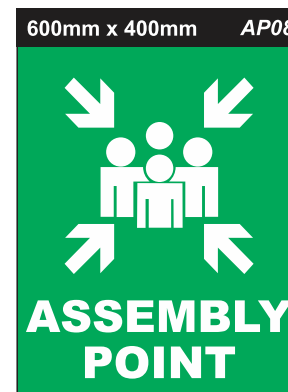
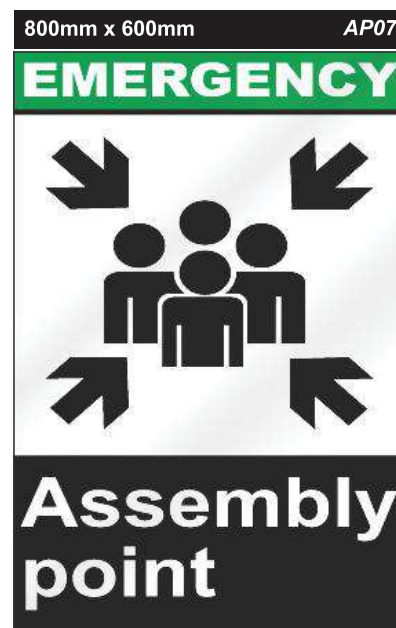
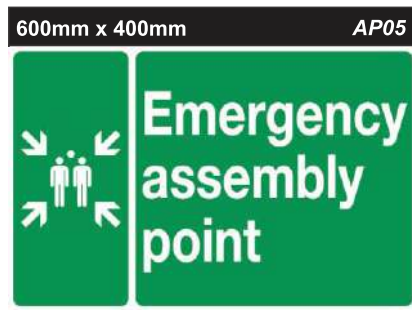
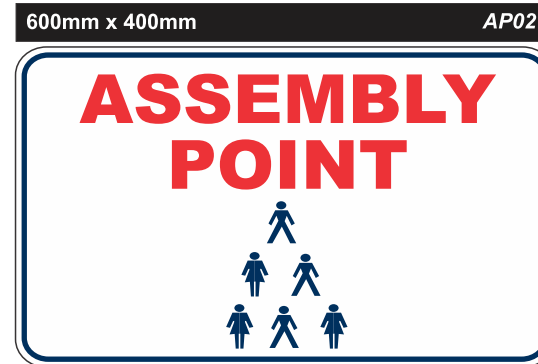
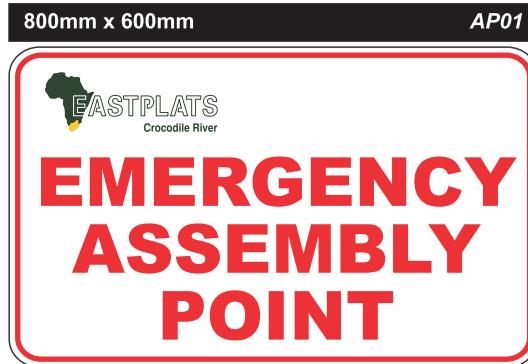
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# ASSEMBLY POINT SIGNS

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# ASSEMBLY POINT





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# BATTERY RELATED SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# BATTERY RELATED

1420mm x 2450mm **BR01**

## BATTERY BAY

Loco ID	Date	Time

**FIRST AID**  
Wash all clothing and contact with the skin unless severe burns.

**CONTACT WITH SKIN AND VISIOUS MEMBRANES**  
Immediate removal of the acid using large amounts of water is essential. In the event of skin contact, the affected person should get under the shower immediately.  
Clothes which have been soiled should be removed and put in a plastic bag. It is important to remove all clothing including shoes, socks, etc. which may be contaminated. Replacement medical attention should be sought as soon as possible.

**CONTACT WITH EYES**  
Even a small amount of sulphuric acid will irritate the eyes, they should be irrigated immediately with large amounts of water for a minimum period of 15 minutes. The eye should be held open by pulling water from one corner with a gentle stream of water from a hose or by pouring water from any clean container. The eyelids should be held apart during the irrigation to ensure contact of water with all the tissues on the surface of the eyes and lids.

**INHALATION OF SULPHURIC ACID**  
If a person has inhaled sulphuric acid, he should drink large amounts of water immediately in order to dilute the concentration of the acid. Medical attention should be sought immediately.

**INHALATION OF SULPHURIC ACID VAPOUR OR MIST**  
If a person has been exposed to sulphuric acid mist or to the vapours arising from them, they should get under the shower immediately. The affected person should get under the shower immediately. The possibility of developing a delayed pulmonary reaction is no longer present.

**Location:**

**FIRE EXTINGUISHER NUMBER:** \_\_\_\_\_  
**SECTION:** \_\_\_\_\_  
**RESPONSIBLE PERSON:** \_\_\_\_\_

**EMERGENCY NUMBERS**  
1 ..... 2 .....  
3 ..... 4 .....

**NO WELDING** **NO SMOKING**

**NO OPEN FLAMES** **NO WATER ON ELECTRIC**

**CH.** **FIRE EXTINGUISHER**

**BEWARE CH 4** **BEWARE CH 4**

**DISTILLED WATER** **PHONE**

**RESPIRATOR** **GOGGLES**

**NO WELDING** **NO SMOKING**

**NO OPEN FLAMES** **NO WATER ON ELECTRIC**

**CH.** **FIRE EXTINGUISHER**

**BEWARE CH 4** **BEWARE CH 4**

**DISTILLED WATER** **PHONE**

**RESPIRATOR** **GOGGLES**

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Wash all clothing and contact with the skin unless severe burns.

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If a person has been exposed to sulphuric acid mist or to the vapours arising from them, they should get under the shower immediately. The affected person should get under the shower immediately. The possibility of developing a delayed pulmonary reaction is no longer present.

1220mm x 2450mm **BR03**

## BATTERY BAY

**● ELECTRICAL SHOCK TREATMENT ●**  
**INSTRUCTIONS FOR RESCUE BREATHING**

**IMMEDIATE ACTION IS ESSENTIAL**

- DO NOT TOUCH CASUALTY WITH YOUR BARE HANDS WHILE HE IS IN CONTACT WITH THE LIVE WIRE.
- SWITCH OFF CURRENT IF POSSIBLE.
- ISOLATE YOURSELF BY STANDING ON A PIECE OF DRY WOOD OR A THICK FLOOR BOARD OR COAT.
- USING A DRY FIBRE, BELT OR STOCK, MOVE LIVE WIRE FROM CASUALTY OR DRAG HIM AWAY FROM WIRE.

**SEND FOR MEDICAL ASSISTANCE**

- DO NOT GIVE STIMULANTS UNLESS ORDERED BY A DOCTOR.
- APPLY STERILE DRESSING TO BURNS. DO NOT REMOVE RANIT CLOTHING AND DO NOT BREAK BUBBLERS.
- IF PATIENT IS BREATHING, KEEP HIM WARM, COVER WITH BLANKETS OR COATS.
- IF PATIENT IS NOT BREATHING, LOOK FOR ANY OBSTRUCTION WHICH MAY BE IN HIS MOUTH.

**PERFORM MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION**

A THIN HANDSHEEKER MAY BE PLACED OVER THE CASUALTY'S MOUTH OR NOSE IF REQUIRED.

A PLACE THE CASUALTY ON HIS BACK AND SIT OR KNEEL BY THE SIDE OF HIS HEAD. HOLD THE HEAD IN BOTH HANDS, ONE PRESSING IT BACKWARDS. THE OTHER FORMING THE CHAIR AIR UPWARDS AND FORWARD. IT IS VERY IMPORTANT TO ENSURE AN UNRESTRICTED AIR PASSAGE TO THE CASUALTY'S LUNGS.

B. PITCH THE CASUALTY'S NOSE CLOSER WITH ONE HAND. (I). TAKE A DEEP BREATH, OPEN YOUR MOUTH WIDE. (II). AND BLOW YOUR LIPS AROUND THE CASUALTY'S MOUTH. (III). BLOW AIR STRAIGHT INTO THE CASUALTY'S LUNGS UNTIL HIS CHEST RISES.

C. REMOVE YOUR MOUTH AND TURN YOUR FACE TO ONE SIDE TO TAKE ANOTHER BREATH. THE CASUALTY WILL AUTOMATICALLY BREATHE OUT THROUGH HIS NOSE.

SUBSEQUENT SHOULD BE GIVEN AS QUICKLY AS POSSIBLE, THEN REPEAT THE CYCLE A SECOND TIME.

KEEP PATIENT'S HEAD PRESSED BACK ALL THE TIME.

**ACID BURNS**

**FIRST AID**  
Wash all clothing and contact with the skin unless severe burns.

**CONTACT WITH SKIN AND VISIOUS MEMBRANES**  
Immediate removal of the acid using large amounts of water is essential. In the event of skin contact, the affected person should get under the shower immediately.  
Clothes which have been soiled under the shower should be removed and put in a plastic bag. It is important to remove all clothing including shoes, socks, etc. which may be contaminated. Subsequent medical treatment is the same as for thermal burns.

**CONTACT WITH EYES**  
Even a small amount of sulphuric acid will irritate the eyes, they should be irrigated immediately with large amounts of water for a minimum period of 15 minutes. The eye should be held open by pulling water from one corner with a gentle stream of water from a hose or by pouring water from any clean container. The eyelids should be held apart during the irrigation to ensure contact of water with all the tissues on the surface of the eyes and lids.

**INHALATION OF SULPHURIC ACID**  
If a person has inhaled sulphuric acid, he should drink large amounts of water immediately in order to dilute the concentration of the acid. Medical attention should be sought immediately.

**INHALATION OF SULPHURIC ACID VAPOUR OR MIST**  
If a person has been exposed to sulphuric acid mist or to the vapours arising from them, they should get under the shower immediately. The affected person should get under the shower immediately. The possibility of developing a delayed pulmonary reaction is no longer present.

**TREATMENT OF GASSING**

- TURN ON THE COMPRESSED AIR AND VENTILATION AT ONCE and keep in on.
- DO NOT ENTER THE DANGER ZONE ALONE. Make no attempt at rescue until the foul air has been thoroughly blown out, unless the rescue gear wear oxygen breathing apparatus. No rescue party should consist of less than three.
- REMOVE THE AFFECTED MAN TO THE NEAREST GOOD AIR AT ONCE.
- NOTIFY A RESPONSIBLE OFFICIAL AT ONCE.
- IF BREATHING HAS CEASED, OR IS IRREGULAR:
  - PERFORM ARTIFICIAL RESPIRATION as soon as the patient is in good air. Any delay may mean death.
  - ADMINISTER OXYGEN FROM THE CYLINDER IF POSSIBLE.
- IF THE PATIENT IS UNCONSCIOUS, but breathing regularly, cover him up lightly with a dry blanket and administer oxygen until he comes round, or for at least half-an-hour before moving him. On no account throw water over him.
- IF THE PATIENT IS CONSCIOUS, keep him warm and get him up to the surface as soon as possible.
- ALL CASES OF 'GASSING' - no matter how slight, must be reported to the Medical Officer. Do not allow a 'gassed' person to walk. Carry him on a stretcher.
- REMEMBER THAT GASSING SYMPTOMS MAY BE VERY SLIGHT AT FIRST. THE DANGER SIGNALS ARE: IRRITATION OF EYES, NOSE, AND THROAT. TIGHT FEELING ACROSS THE CHEST OR HEADACHE.

THESE ARE DANGER SIGNALS ALL CASE OF UNCONSCIOUSNESS

IF PATIENT IS UNCONSCIOUS BUT BREATHING REGULARLY he must be treated face downwards with a blanket pad under the chest AND HIS HEAD BRACED WELL BACKWARDS with his jaw in a forward position. This will make the patient breathe freely. He must also be transported in this position.

**ACID BURNS**

**FIRST AID**  
Wash all clothing and contact with the skin unless severe burns.

**CONTACT WITH SKIN AND VISIOUS MEMBRANES**  
Immediate removal of the acid using large amounts of water is essential. In the event of skin contact, the affected person should get under the shower immediately.  
Clothes which have been soiled under the shower should be removed and put in a plastic bag. It is important to remove all clothing including shoes, socks, etc. which may be contaminated. Subsequent medical treatment is the same as for thermal burns.

**CONTACT WITH EYES**  
Even a small amount of sulphuric acid will irritate the eyes, they should be irrigated immediately with large amounts of water for a minimum period of 15 minutes. The eye should be held open by pulling water from one corner with a gentle stream of water from a hose or by pouring water from any clean container. The eyelids should be held apart during the irrigation to ensure contact of water with all the tissues on the surface of the eyes and lids.

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1420mm x 2450mm **BR02**

## BATTERY BAY

**UNAUTHORISED SWITCHING PROHIBITED**

**ELECTRICAL SUBSTATIONS PROCEDURE IN CASE OF FIRE**  
**No. 1 ONLY APPLIES TO OPERATING STAFF.**

- IMMEDIATELY NOTIFY THE ENGINEER, FOREMAN ELECTRICIAN OR SHIFT ELECTRICIAN.
- THE RESPONSIBLE PERSON (ENGINEER, FOREMAN ELECTRICIAN OR SHIFT ELECTRICIAN) MUST SATISFY HIMSELF THAT THE POWER HAS BEEN CUT OFF, AND THEN IMMEDIATELY PUT INTO USE THE CO, FIRE EXTINGUISHER.

**WATER MUST NOT BE USED.**

SHOULD ONE EXTINGUISHER NOT QUENCH THE FIRE COMPLETELY OTHERS MUST BE TAKEN FROM THE SUB-STATIONS. THE POWER MUST NOT BE PUT ON UNTIL AUTHORITY TO DO SO HAS BEEN GIVEN BY THE ENGINEER, FOREMAN ELECTRICIAN OR SHIFT ELECTRICIAN.

**ONGEMAGTIGDE SKAKELING VERBODE**

**ELEKTRIESE SUBSTASIES STAPPE IN GEVAL VAN VUUR**  
**NR. 1 ALLEENLIK VAN TOEPASSING OP PERSONEEL IN BEHEER**


- STEL ONMIDDELIK DIE INGENIEUR, VOORMAN ELEKTRISIEN OF SKOF-ELEKTRISIEN IN KENNIS.
- DIE VERANTWOORDELIKE PERSOON (ELEKTRISIEN, VOORMAN ELEKTRISIEN OF SKOF-ELEKTRISIEN) MOET HOMSELF OORTUIG DAT DIE KRAG AFGEKAKEL IS. DAARNA MOET HY DIE CO, BRANDBLUSSERS ONMIDDELIK GEBRUIK WORD NIE.

AS EEN BLUSSER DIE BRAND NIE HEELTEMAL SMOOR NIE, MOET ANDER VAN DIE ANDER SUBSTASIES GENEEM WORD. DIE KRAG MOET NIE VEER AANGESKAKEL WORD VOORDAT MAGTIGING OM DIT TE DOEN, DEUR DIE ELEKTRISIEN, VOORMAN-ELEKTRISIEN OF SKOF-ELEKTRISIEN GEGEES IS NIE.


**BATTERY ATTENDANT**

600mm x 400mm **BR04**

## BATTERY BAY




**SLIPPERY**



**ACID**

**500mm x 500mm BR05**



**WARNING BATTERY ACID**



# BATTERY RELATED

1350mm x 1400mm BR06

	<b>Danger</b> Battery charging area
	Wear personal protective equipment
	No smoking
	No naked light

2000mm x 1400mm BR07

	<b>Danger</b> Battery charging area
	No smoking
	No naked lights
	Wear personal protective equipment

1800mm x 1500mm BR08

SITE SAFETY			
	Construction work in progress Parents are advised to warn children of the dangers of entering this site		<b>Danger</b> Demolition work in progress
	No admittance for unauthorised personnel		Use ear protectors
	This is a hard hat area		High visibility jackets must be worn
	Protective footwear must be worn		<b>Warning</b> Look out for overhead loads

800mm x 600mm BR09

<b>DANGER</b>	
<b>BATTERY CHARGING AREA</b>	
<b>NO SMOKING OR NAKED FLAMES</b>	

800mm x 500mm BR10

<b>DANGER</b>
<b>Battery Charging Area.</b>
Charger MUST be shut off before connecting or disconnecting

600mm x 400mm BR11

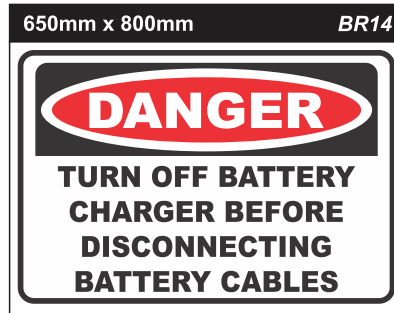
<b>WARNING</b>		
<b>Battery Charging Area. Keep away.</b>		
Approved chemical resistant safety gloves, eye protection and safety aprons required.		
No open flames, smoking or ignition sources permitted.		

600mm x 400mm BR12

<b>WARNING</b>		Battery charging
	No smoking	
	No open flames	



# BATTERY RELATED





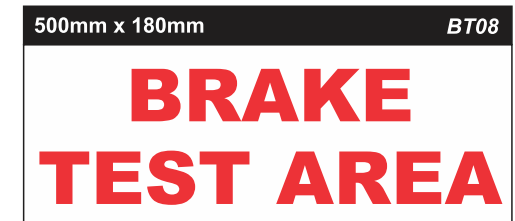
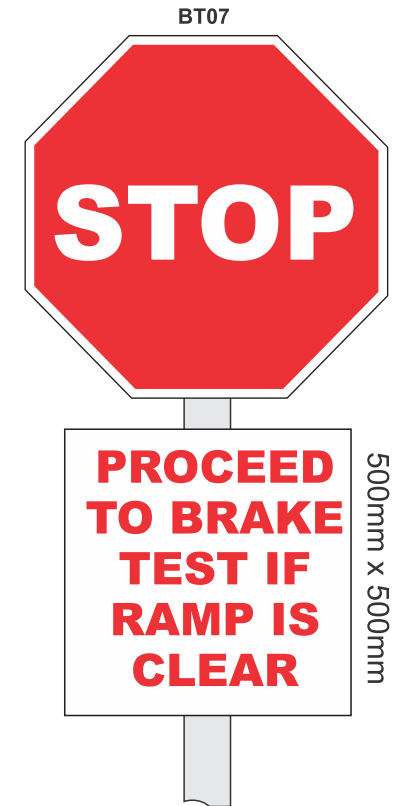
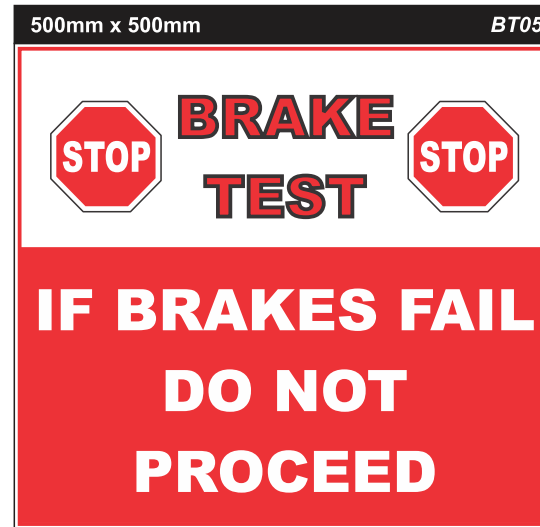
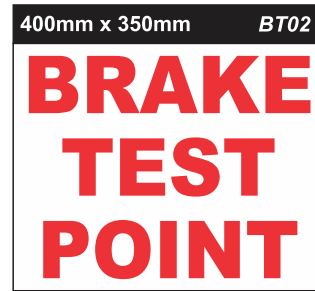
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# BRAKE TEST SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# BRAKE TEST





# BRAKE TEST

1600mm x 1000mm BT09

**BRAKE TEST  
PROCEDURE**

**FOR TRACTOR AND  
FRONT END LOADER**

- 1 STOP AT STOP SIGN
- 2 ENGAGE HAND BRAKE
- 3 DISENGAGE FOOT BRAKE
- 4 VEHICLE MUST STAND STILL FOR 5 SECONDS
- 5 PULL AWAY WITHOUT ROLLING BACKWARDS

Specimen Marking (P)01 BT 09

1400mm x 900mm BT10

**LHD BRAKE  
TESTING BAY**



1500mm x 1200mm BT11

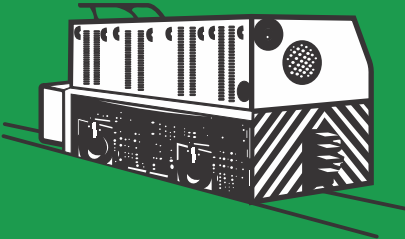
 **AngloAmerican** PLATINUM

**BRAKE  
TEST  
RAMP**

LED flashing lights in wording

400mm x 300mm BT12

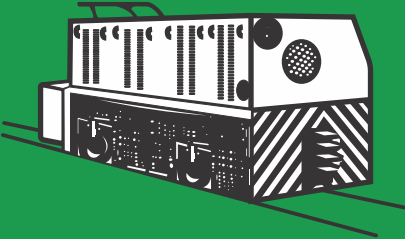
**BRAKE TESTING AREA**



**FINISHING POINT**

400mm x 300mm BT13

**BRAKE TESTING AREA**



**STARTING POINT**

600mm x 600mm BT14

**LOCO BRAKE  
TESTING POINT**



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# CHAIRLIFT SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)

# CHAIRLIFT

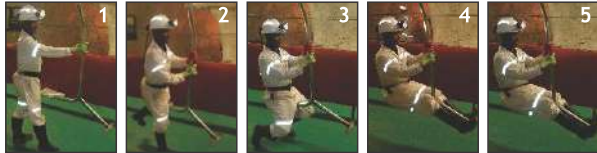


2450mm x 2450mm

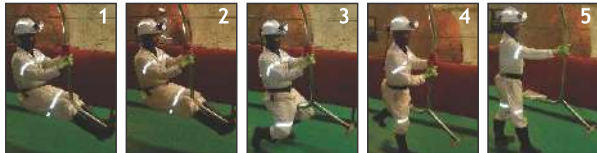
CL01



## BOARDING



## LANDING



### WARNING

Cap lamp must be worn in position on your helmet when travelling in Chairlift

### WAARSKUWING

Koplamp moet in posisie gedra word op helm wanneer daar op Stoelhyser gery word

### PASOP

Fakolo lampa lapa sigoko lo sikati wena kwela lo Bayisekel (Chairlift)



## NO EATING OR DRINKING WHILE TRAVELLING ON CHAIRLIFT



**CAUTION**  
The Chairlift can be started remotely  
Do Not cross the Rope Raise  
**TSHEDIMUSO**  
Hlokomela Dipaeseke Di  
Ka Sepetskila Ka  
Remoutu O Se Tshele  
Thapo E Gogiwago



## CHAIRLIFT PROCEDURE

### BOARDING

1. Make sure Caplamp is worn before climbing on chairlift.
2. Climb on and off chairlift, according to the training.
3. Take hold of pole, stabilize chair and put leg over seat.
4. Take hold of pole with both hands. Place foot on footrest.
5. Hold tight with both hands. Keep both feet on footrests.

### RULES

1. Only one person sitting on chairlift, is allowed.
2. Only face direction of travel.
3. Don't stand on chairlift.
4. Don't let feet hang loose.
5. Do not transport any tools or spares.

### LANDING

1. Drag one foot on ground to stabilize the chair.
2. Secure one foot on ground and release one hand.
3. Follow chair and stabilize before releasing hand.

## NO HORSEPLAY ALLOWED

### BE SMART, ACT SAFELY!

WHEN SWINGING OCCURS, PUT ONE FOOT OUT SAFELY AND BRAKE GENTLY ON GROUND. WHEN UNDER CONTROL, PUT FOOT BACK ON FOOTREST.

## IN CASE OF EMERGENCY, PULL SAFETY WIRE TO TRIP CHAIRLIFT

© 2010 Platinum Energy (Pty) Ltd 011 231 4000

2450mm x 1225mm

CL02



## CHAIRLIFT

## BOARDING PROCEDURE



**1 2 3 4 5**

2450mm x 1225mm

CL03



## CHAIRLIFT

## LANDING PROCEDURE



**1 2 3 4 5**

1000mm x 300mm

CL04



**WARNING**  
CAP LAMP MUST BE WORN IN POSITION ON YOUR HELMET WHEN TRAVELLING IN CHAIRLIFT

**WAARSKUWING**  
KOP LAMP MOET IN POSISIE GEDRA WORD OP HELM WANNEER DAAR OP STOELHYSER GERY WORD

**PASOP**  
FAKOLO LAMPA LAPA SIGOKO LO SIKATI WENA KWELA LO BAYISEKEL (CHAIRLIFT)





# CHAIRLIFT

1800mm x 1300mm **CL05**

ANGLO PLATINUM **SPUD SHAFT**

## CHAIRLIFT BOARDING PROCEDURE

- 1
- 2
- 3
- 4
- 5

## LANDING PROCEDURE

- 1
- 2
- 3
- 4
- 5

750mm x 550mm **CL08**

## CHAIRLIFT CLIMB ON PROCEDURE

1. NO HORSE PLAY
2. CLIMB ON SMARTLY
3. DO NOT HOLD THE CHAIR BACK AND TRY TO MOUNT IT
4. WALK WITH CHAIR AND MOUNT SAFELY
5. IF THERE IS FORWARD AND BACKWARD SWAY, GENTLY BRAKE BY PUTTING ONE FOOT ON THE GROUND
6. ONCE THE SWAY IS UNDER CONTROL, PLACE FOOT ON FOOT REST
7. STAY ALERT, STAY ALIVE
8. ALWAYS HOLD JUMPER ON COLLAR IN HAND AGAINST SIDE OF BODY

1. HATI KHONA DLALLA LHAPA KAYENA
2. KWELA KAHLE
3. AIKONA BONETA LO
4. MUHLE NDELELA
5. LO SIKHATI YENA HAMBIA MUVA NALO PHAMBELE KALO MUHLE NDELELA HAYIKHONA BEKA NYAWO HAYIKHONA BEKA NYAWO PHANTSI
6. LO SKATI YENA HAMBIA KAHLE BEKA ZONKE MANYAWO PHEZULU
7. HLALA KAHLE HLALA KALOKUKHULULEKA
8. BAMBIA JOMPORO LAPHA KALO KHANKELLE IDWA LO JOMPORO YENA KHONA CALENI KALO NZIMBA NA WENA

SPECTRUM MARKETING (P) 011 071 4144

750mm x 550mm **CL09**

## CHAIRLIFT CLIMB OFF PROCEDURE

1. NO HORSE PLAY
2. LEAVE JUMPER TO FALL ONTO THE GROUND
3. REMOVE FOOT FROM FOOT REST
4. SECURE FEET ON GROUND
5. CLIMB OFF CHAIR SMARTLY
6. STABILISE ANY FORWARD AND BACKWARD SWAY OF THE CHAIR
7. LOOK FOR OTHER CHAIRS AND IF SAFE PICK UP JUMPER AND LEAVE
8. USE THE CORRECT EXIT AS INDICATED TO PREVENT DAMAGE TO YOURSELF AND COMPANY EQUIPMENT

1. HAYIKHONA DLALLA LHAPA MBANYOSILE
2. LAMLA LO JOMPORO PHANTSI PHAMBILI WENA CHLA SETSHA
3. KHIPA LO MANYAWO KAWENA KAHLE
4. BEKA LO MANYAWO LAPA PHANTSI
5. VENLA KAHLE LAPA PHEZU KALO STULO
6. VALLA LOU HAMBIA PHAMBILI NALO MUVA KALO BHATISEKILE
7. PASOP LO MONYE BACSEKE ENA AYIKHONA DUZE PHAMBELE WENA BAMBIA LO JOMPORO PHANTSI
8. JORISA LO MUHLE DELELA MALO KUYIMBELA LO NGOZI LAPHA KAWENA NOKO LOMPAPHA KALO COMPANY

2000mm x 1800mm **CL11**

## CHAIRLIFT PROCEDURE AND RULES

1. Climb on and off chairlift, according to the training.
2. Keep both feet on the footrest, no fooling around.
3. Take care not to let cap-lamp cable hang loose when travelling on chairlift, it might get stuck and pull you from chairlift.
4. Only one person sitting on chairlift, is allowed.
5. No standing on chairlift.
6. Only face direction of travel.

1000mm x 300mm **CL06**

**STOP**

## DANGER AREA

APPROACH WITH CAUTION

**STOP**

NO PEDESTRIANS TO REMAIN IN AREA

600mm x 550mm **CL07**

FROM 09:00 TO 11:00  
CHAIRLIFT MAINTENANCE TIME  
CHAIRLIFT NOT RUNNING

800mm x 600mm **CL10**

## NO ENTRY

WHEN CHAIRLIFT IN MOTION

ENTRY TIMES: MORNING 6H00 - 8H00  
ENTRY TIMES: AFTERNOON 17H00 - 19H00

HARD HAT MUST BE WORN  
STAY OUT

Murray & Roberts Cementation

600mm x 600mm **CL12**

## NO LONG OBJECTS ON CHAIRLIFT

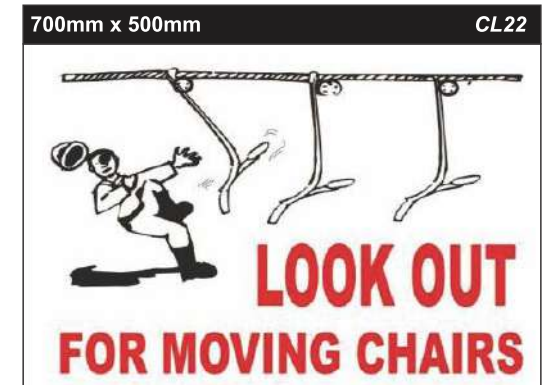
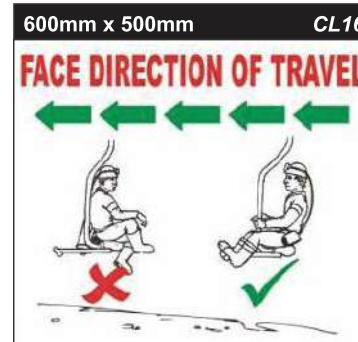
Spectrum Marketing (P) 011 071 4144

600mm x 400mm **CL13**

FROM 09:00 TO 11:00  
CHAIRLIFT MAINTENANCE TIME  
CHAIRLIFT NOT RUNNING



# CHAIRLIFT





# CHAIRLIFT

**1300mm x 1100mm CL26**

## CHAIRLIFT SAFETY

**CHAIRLIFT CLIMB ON PROCEDURE**

1. MAKE SURE CAP LAMP IS WORN BEFORE CLIMBING ON CHAIRLIFT.
2. CLIMB ON AND OFF CHAIRLIFT, ACCORDING TO THE TRAINING.
3. TAKE HOLD OF POLE, STABILIZE CHAIR AND PUT LEG OVER SEAT.
4. TAKE HOLD OF POLE WITH BOTH HANDS. PLACE FOOT ON FOOTREST.
5. HOLD TIGHT WITH BOTH HANDS. KEEP BOTH FEET ON FOOTRESTS.

**CHAIRLIFT CLIMB OFF PROCEDURE**

1. DRAG ONE FOOT ON GROUND TO STABILIZE THE CHAIR.
2. SECURE ONE FOOT ON GROUND AND RELEASE ONE HAND.
3. FOLLOW CHAIR AND STABILIZE BEFORE RELEASING HAND.

**PERMITTED MATERIAL ALLOWED TO BE TRANSPORTED ON CHAIRLIFT**

ONLY TOOLS OR MATERIALS WHICH CAN BE TRANSPORTED IN SLINGBAGS OR HAVERSACKS

TOLAATBARE MATERIAAL OM TE VERVOER OP STOELHYSER SLEGS GEREEDSKAP OF MATERIAAL WAT IN SKOUERSAKKE OF RUGSAKKE VERVOER KAN WORD

**TO CONVEY SMALL MATERIAL USE ELEPHANT FOOT BAG ONLY**

**CHAIRLIFT THINK SAFETY**

TAKE CARE OF LOOSE CAP LAMP CABLES WHEN TRAVELLING ON CHAIRLIFT

**CHAIRLIFT PERMITTED MATERIALS**

1. FIRST AID BAGS
2. HAND TOOLS, BOLTS & NUTS, FITTINGS IN BAGS
3. SMALL ITEMS THAT CAN BE CARRIED
4. TO CONVEY SMALL MATERIAL USE BACK PACK ONLY
5. LIFTING EQUIPMENT I.E. CHAIN BLOCKS, SHACKLES, ROPE IN BAGS
6. SMALL EQUIPMENT SPARES (FOR WINCHES)
7. SURVEY EQUIPMENT (LADDERS NOT LONGER THAN 2 METERS)
8. SAMPLING EQUIPMENT
9. VENTILATION INSTRUMENTS
10. CUTTING TORCHES HOSES IN CARRY CASES
11. CORE TRANSPORTING BOXES (DIAMOND DRILLING)
12. OIL, GREASE (IN APPROVED CONTAINERS NOT LARGER THAN 20 LITRES)
13. ELECTRICAL EQUIPMENT
14. FIRE EXTINGUISHER

**PASOPA LO HAMBA STUL**

**LOOK OUT FOR MOVING CHAIRS**

**1300mm x 900mm CL27**

MATERIAL ALLOWED TO BE TRANSPORTED ON THE CHAIRLIFT SYSTEM IN TERMS OF THE MINERALS ACT REGULATION 16.12.1.1 ENFORCED BY SCHEDULE 4 OF THE MINE HEALTH AND SAFETY ACT

LONMIN

SURVEY EQUIPMENT	SAMPLING EQUIPMENT	TIMBERMAN EQUIPMENT AND TOOLS	ENGINEERING ARTISANS TOOLS & EQUIPMENT	GENERAL
SURVEY INSTRUMENT DRILLING MACHINE IN CARRY BAG TRI-PODS	DIAMOND SAW AIR HOSE STAPLES ALL IN A ELEPHANT BAG/RUCKSACK	CUTTING TORCH & HOSES IN CARRY BAG DRILLING MACHINE IN CARRY BAG AIR HOSE TOOLS & EQUIPMENT IN ELEPHANT BAG/ RUCKSACK	TOOLS & EQUIPMENT IN ELEPHANT BAG/ RUCKSACK OIL, GREASE & BATTERY WATER IN CONTAINERS NOT LARGER THAN 20L ELECTRICAL EQUIPMENT SMALL EQUIPMENT/TOOLS	FIRST AID BAGS FIRE EXTINGUISHER (MAX 9KG) LOCO LIGHTS LIFTING EQUIPMENT IN ELEPHANT BAG/ RUCKSACK DIAMOND DRILLING TRANSPORTING BOXES VENTILATION INSTRUMENTS FIBERGLASS LADDERS

**CHAIRLIFT CLIMB ON PROCEDURE**

APPROACH: APPROACH THE CHAIRS FROM THE SIDE OF THE TRAY OF THE SEATING AREA. BRACE TO THE CHAIR TO CLIMB. HOLD ON TO THE CHAIRS WITH BOTH HANDS. POSITION YOUR FEET ON THE SEATING AREA.

CLIMB ON: KEEP YOUR FEET ON THE CHAIRS. KEEP YOUR FEET ON THE CHAIRS. KEEP YOUR FEET ON THE CHAIRS. KEEP YOUR FEET ON THE CHAIRS.

TRAVEL: KEEP A FIRM GRIP AT ALL TIMES. KEEP YOUR FEET ON THE CHAIRS AT ALL TIMES. KEEP YOUR FEET ON THE CHAIRS AT ALL TIMES.

**CHAIRLIFT CLIMB OFF PROCEDURE**

CLIMB OFF: DRAG ONE FOOT ON GROUND TO STABILIZE THE CHAIR. SECURE ONE FOOT ON GROUND AND RELEASE ONE HAND. FOLLOW CHAIR AND STABILIZE BEFORE RELEASING HAND.

TRAVEL: STAY AWAY FROM THE CHAIRS AT ALL TIMES. STAY AWAY FROM THE CHAIRS AT ALL TIMES. STAY AWAY FROM THE CHAIRS AT ALL TIMES.

**HOW TO CARRY AN ELEPHANT BAG**

**CAP LAMP MUST BE WORN IN POSITION ON YOUR HELMET WHEN TRAVELING ON CHAIRLIFT**

**750mm x 550mm CL28**

**TO CONVEY SMALL MATERIAL USE ELEPHANT FOOT BAG ONLY**

**750mm x 550mm CL29**

**LOOK OUT FOR MOVING CHAIRS**

**800mm x 300mm CL30**

**NO EATING OR DRINKING WHILE TRAVELLING ON CHAIRLIFT**

**800mm x 400mm CL31**

**WARNING**

If The Chairlift Stops  
DO NOT GET OFF - WAIT FOR CHAIRLIFT TO START OR UNTILL OPERATOR INSTRUCTS YOU TO GET OFF The Signal To Get Off (Three Rings Of The Siren)

KGALEMELO  
Ge Dipaese Kila Di Ena  
Ose Fologo - Emela Thuso Goba Seka Sa Gore Ofulogo (Pele Etla Lila Garara)

**600mm x 400mm CL32**

**CAUTION**

The Chairlift Can Be Started Remotely  
Do Not Cross The Rope Raise

TSHEDIMUSO  
Hlokomela Dipaeseke Di Ka Sepetskila Ka Remoutu O Se Tshelhe Thapo E Gogiwago



# CHAIRLIFT

**2450mm x 2450mm** **CL33**

**samancor**<sup>CR</sup>  
WESTERN CHROME MINES

**MATERIAL ALLOWED TO BE TRANSPORTED ON THE CHAIRLIFT SYSTEM  
IN TERMS OF THE MINERALS ACT REGULATION 16.121.1  
ENFORCED BY SCHEDULE 4 OF THE MINE HEALTH AND SAFETY ACT**

<ol style="list-style-type: none"> <li>1. APPROVED SAFETY FIRST AID EQUIPMENT.</li> <li>2. SURVEYORS EQUIPMENT IN AN APPROVED BAG.</li> <li>3. SAMPLERS EQUIPMENT AND SAMPLES IN AN APPROVED BAG.</li> <li>4. VENTILATION EQUIPMENT IN AN APPROVED BAG.</li> <li>5. HOSES ONE ROLL TIED TOGETHER APPROPRIATELY - ONE PER PERSON.</li> <li>6. BOLTS, NAILS DOGSPIKES ETC. IF BAGGED.</li> <li>7. HAND TOOLS IN AN APPROVED TOOL BAG.</li> <li>8. BOW SAW WITH TEETH COVERED IN AN APPROVED BAG.</li> <li>9. PORTABLE ELECTRICAL TOOLS IN AN APPROVED BAG.</li> <li>10. SHOVEL - ONE PER PERSON.</li> <li>11. PIPE FITTINGS HOOKED TO CHAIRLIFT HOOK UP TO 6INCH (150MM) ONE PER PERSON.</li> <li>12. SMALL ELECTRICAL AND MECH SPARES IN AN APPROVED BAG OR HOOKED TO CHAIRLIFT HOOK.</li> <li>13. PORTABLE WELDING MACHINES HOOKED TO CHAIRLIFT - 1 PER CHAIR.</li> <li>14. ROCK DRILL QNTY = 1 IN AN APPROVED BAG.</li> <li>15. DRILL STEEL QNTY = 1 - MAX LENGTH = 1.50m.</li> <li>16. 900mm PINCH BAR - MAX LENGTH = 1.5m - SHARP POINT COVERED - QNTY = 1 PER PERSON.</li> <li>17. LIFTING EQUIPMENT 1 PER CHAIRLIFT IN AN APPROVED BAG.</li> <li>18. DAILY CONSUMABLES THAT CAN BE HOOKED /BAGGED SAFELY.</li> <li>19. 1.8m LADDER - QNTY = 1 PER CHAIRLIFT.</li> <li>20. GULLY BOXES.</li> </ol>	<ol style="list-style-type: none"> <li>21. FLUORESCENT LIGHTS &amp; FITTINGS.</li> <li>22. LONG STEP LADDER.</li> <li>23. SMALL AMOUNT OF CABLE COILED UP.</li> <li>24. SUBMERSIBLE PUMP ( 15 kw ).</li> <li>25. SMALL STARTER BOXES.</li> <li>26. STRAINING WIRE.</li> <li>27. TIRFORLE / ROPE.</li> <li>28. BELT CLAMPS.</li> <li>29. (1.2 kw) MOTOR ( VIBRATOR ).</li> <li>30. FIRE EXTINGUISHER.</li> <li>31. PORTABLE WELDING MACHINE.</li> <li>32. 1 - GAS BOTTLE ON A STRETCHER.</li> <li>33. CUTTING TORCH HOSES.</li> <li>34. WELDING MACHINE CABLES.</li> <li>35. EXTENTION CABLES.</li> <li>36. PIPES &amp; IRON PROFILES (SMALL SIZES).</li> <li>37. GUAROLS (SMALL SIZES).</li> <li>38. A LENGTH OF VITONIC PIPES HOOKED ON A STRETCHER CARRIER.</li> <li>39. SMALL TRANSFORMER.</li> </ol>
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**1200mm x 3000mm** **CL34**

**samancor**<sup>CR</sup>  
WESTERN CHROME MINES

**ONLY CROSS THE PATH OF CHAIRLIFT WHEN SAFE TO DO SO**

<p style="text-align: center;"><b>CHAIRLIFT CLIMB ON PROCEDURE</b></p> <p style="font-size: 8px;"> <b>STEP 1:</b> APPROXIMATE THE ENERGY FROM THE WEIGHT OF THE CHAIRLIFT AND SELECT AN APPROVED LADDER TO USE. CHECK THAT THE LADDER IS OF THE SAME SIZE AS THE CHAIR.  <b>STEP 2:</b> CLIMB ON THE LADDER WITH THE SAFETY HARNESSTED TO THE LADDER RAILS. HOLD THE LADDER WITH BOTH HANDS. ALWAYS LOOK IN THE DIRECTION OF TRAVEL AND AHEAD OF YOUR HANDS/FEET.  <b>STEP 3:</b> HOLD THE TOP OF ALL CABLES. KEEP YOUR FEET ON THE HANDBARS. ONLY CLIMB OFF THE CHAIRLIFT WHEN YOU ARE IN THE POSITION OF TRAVEL AND AHEAD OF YOUR HANDS/FEET.         </p>	<p style="text-align: center;"><b>CHAIRLIFT CLIMB OFF PROCEDURE</b></p> <p style="font-size: 8px;"> <b>STEP 1:</b> CHECK THE POSITION OF THE LADDER AND THE SAFETY HARNESSTED TO THE LADDER RAILS. ALWAYS LOOK IN THE DIRECTION OF TRAVEL AND AHEAD OF YOUR HANDS/FEET.  <b>STEP 2:</b> CHECK THE POSITION OF THE LADDER AND THE SAFETY HARNESSTED TO THE LADDER RAILS. ALWAYS LOOK IN THE DIRECTION OF TRAVEL AND AHEAD OF YOUR HANDS/FEET.         </p>	<p style="text-align: center;"><b>NO SWINGING ON CHAIRLIFT</b></p>	<p style="text-align: center;"><b>NO BOUNCING ON CHAIRLIFT</b></p>
<p style="text-align: center;"><b>HOW TO CARRY AN ELEPHANT BAG</b></p>	<p style="text-align: center;"><b>CAP LAMP MUST BE WORN IN POSITION ON YOUR HELMET WHEN TRAVELING ON CHAIRLIFT</b></p>	<p style="text-align: center;"><b>NO TRAVELLING WHILST CHAIRLIFT IS IN MOTION</b></p>	<p style="text-align: center;"><b>FACE DIRECTION OF TRAVEL</b></p>
<p style="text-align: center;"><b>NO WORK WHILST MACHINERY IS IN MOTION</b></p>	<p style="text-align: center;"><b>PERSONS SHALL LEAVE THE LANDING SITE IMMEDIATELY AFTER ALIGHTING (CLIMBING OFF)</b></p>	<p style="text-align: center;"><b>LOOK OUT FOR MOVING CHAIRS</b></p>	
<p style="text-align: center;"><b>IN CASE OF POWER FAILURE, CLIMB OFF CHAIRLIFT AND PROCEED TO EXIT LANDING SITE</b></p>	<p style="text-align: center;"><b>CHAIRLIFT WILL START TO MOVE AFTER WARNING ALARM</b></p>	<p style="text-align: center;"><b>HOSES WILL NOT BE TOLERATED ON CHAIRLIFTS</b></p>	

**MATERIAL ALLOWED TO BE TRANSPORTED ON THE CHAIRLIFT SYSTEM IN TERMS OF THE MINERALS ACT REGULATION 16.121.1 ENFORCED BY SCHEDULE 4 OF THE MINE HEALTH AND SAFETY ACT**

1. APPROVED SAFETY FIRST AID EQUIPMENT.
2. THE FOLLOWING TOOLS / EQUIPMENT MAY BE CARRIED IN AN APPROVED BAG.
  - SAMPLERS EQUIPMENT AND SAMPLES.
  - VENTILATION EQUIPMENT IN.
  - BOLTS, NAILS DOGSPIKES ETC.
  - HAND TOOLS
  - BOW SAW WITH TEETH COVERED
  - PORTABLE ELECTRICAL TOOLS
  - SMALL ELECTRICAL AND MECH SPARES
  - OR HOOKED TO CHAIRLIFT HOOK.
  - ROCK DRILL = 1 PER BAG
  - LIFTING EQUIPMENT 1 PER CHAIRLIFT
  - DAILY CONSUMABLES THAT CAN BE HOOKED /BAGGED SAFELY.
3. HOSE- 1- ROLL TIED TOGETHER APPROPRIATELY - ONE PER PERSON.
4. SHOVEL - ONE PER PERSON.
5. PIPE FITTINGS HOOKED TO CHAIRLIFT HOOK UP TO 6INCH (150MM) ONE PER PERSON.
6. PORTABLE WELDING MACHINES HOOKED TO CHAIRLIFT - 1 PER CHAIR.
7. DRILL STEEL QNTY = 1 PER PERSON MAX LENGTH = 1.5m.
8. 900mm PINCH BAR - MAX LENGTH = 1.5m - SHARP POINT COVERED - QNTY = 1 PER PERSON.
9. 1.8m LADDER - QNTY = 1 PER CHAIR.

**600mm x 400mm** **CL35**

**CHAIRLIFT  
SAFETY FIRST**

**600mm x 400mm** **CL36**

**CHAIRLIFT  
SAFETY FIRST**

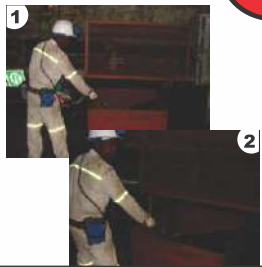


# STEP ASSIST SIGNS

STEP 1

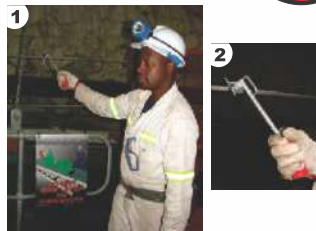
## STEP ASSIST HANDLE PROCEDURES

### STEP ASSIST 1



TAKE STEP ASSIST OUT OF HOLDER

### STEP ASSIST 2



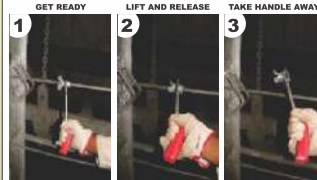
PLACE STEP ASSIST HANDLE ON CABLE

### STEP ASSIST 3



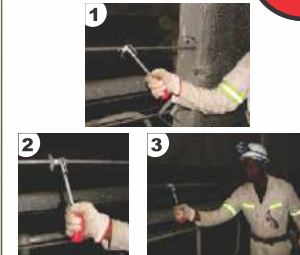
WALK ALONG CABLE HOLDING STEP ASSIST

### STEP ASSIST 4



RELEASE HANDLE BEFORE END OF SECTION

### STEP ASSIST 5



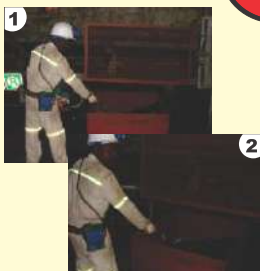
REPLACE STEP ASSIST HANDLE ON CABLE

### STEP ASSIST 6



END OF CABLE PLACE IN HOLDER

### STEP ASSIST 1



TAKE STEP ASSIST OUT OF HOLDER

### STEP ASSIST 2



PLACE STEP ASSIST HANDLE ON CABLE

### STEP ASSIST 3



WALK ALONG CABLE HOLDING STEP ASSIST

### STEP ASSIST 4



RELEASE HANDLE BEFORE END OF SECTION

STEP 2

**WARNING**

**//// DANGER! ///**

**DO NOT HOLD ONTO CABLE**

**USE YOUR STEP ASSIST HOOK**



ndikhae<sup>®</sup>  
TRADING & PROJECTS

# CHANGE HOUSE & TOILET SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# CHANGE HOUSE

1000mm x 400mm **CH01**

Murray & Roberts Murray & Roberts  
Cementation

## FEMALE CHANGE HOUSE

1000mm x 400mm **CH02**

Murray & Roberts Murray & Roberts  
Cementation

## MALE CHANGE HOUSE

1000mm x 400mm **CH03**

Murray & Roberts Murray & Roberts  
Cementation

## SNR OFFICIALS CHANGE HOUSE

600mm x 250mm **CH04**

 **NO  
GUMBOOTS  
IN CHANGEHOUSE** 


Specimen Printing / Signs (31) 237 450


450mm x 450mm **CH05**



**NO SMOKING  
IN  
CHANGE HOUSE**


600mm x 400mm **CH08**






**LADIES  
CHANGE HOUSE**

600mm x 400mm **CH09**





**MEN'S  
CHANGE HOUSE**

800mm x 300mm **CH06**

TWO RIVERS  
PLATINUM

## VISITORS CHANGEHOUSE

550mm x 400mm **CH07**

**CHANGE HOUSE COMPLAINTS REGULATIONS**

**COMPLAINTS REGISTER:**

4.4.1 The manager shall provide a record book at each change house in which somebody may enter a complaint in connection with safety or health and such record book shall be inspected and initialed daily by a competent person appointed by the manager for this purpose, and at least once a month by the manager or his delegate; provided that such delegate shall be somebody appointed in terms of regulations 2.6.1, 2.13.1, 2.13.2 and 2.13.3 (Substituted by G.N.R. 2062, 23.8.1991)

4.4.2 Any defect in the water service or dust allaying devices or in appliances provided for the health or safety of persons at the mine or works shall be recorded in the record book by the employee having knowledge of such defect immediately on coming off shift.

4.4.3 Any person who has knowledge of dust or fumes at the mine or works during working hours or of defective ventilation or of any other condition prejudicial to health or safety shall similarly record the matter without delay in the record book.

4.4.4 A verbal report of any such defect or defective condition shall be made to a shift boss or other official as soon as possible and especially in case of immediate necessity. Such verbal report shall not be deemed sufficient notice of such defect or such condition but shall be recorded in the record book.

4.4.5 No person shall tamper or damage the record book.

**KLAGTEBOEK:**

4.4.1 Die bestuurder sal 'n klagteboek beskikbaar stel in elke kleedkamer waarin myn-personeel hul klagtes moet rig betreffend hul veiligheid en gesondheid. Hierdie klagteboek moet daaglik geïnspekteer en onderteken word deur 'n bevoegde persoon, soos aangestel deur die bestuurder.

Op 'n maandelikse basis moet die bestuurder of 'n verantwoordelike persoon, soos aangewys deur die bestuurder, hulself verenselwig met die inhoud van klagtes neergelê in die klagteboek. Die verantwoordelike persoon moet aangestel wees op terme van die regulasies 2.6.1, 2.13.1, 2.13.2, 2.13.3 (Verskaf deur G.N.R. 2062, 23.8.1991)

4.4.2 Alle foutiewe toebehore met betrekking tot water en stof of enige toerusting daargestel vir die veiligheid en gesondheid van myn-personeel, of werke sal genotuleer word in die klagteboek, onmiddellik na 'n skof.

4.4.3 Sonder enige versuim moet alle myn-personeel wat bewus is van stof, gasse, onvoldoende ventilasie en/of enige gevaarlike situasie, in die myn gedurende werksure dit dadelik rapporteer in die klagteboek.

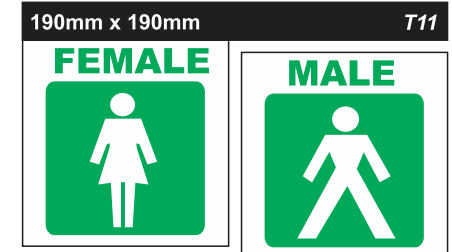
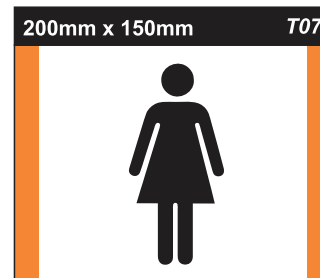
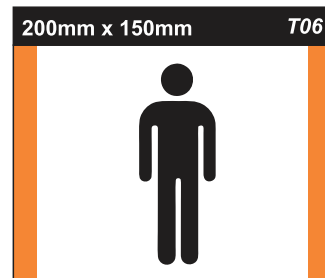
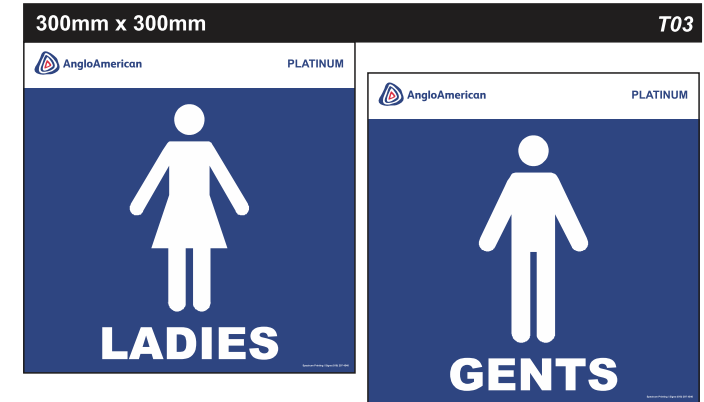
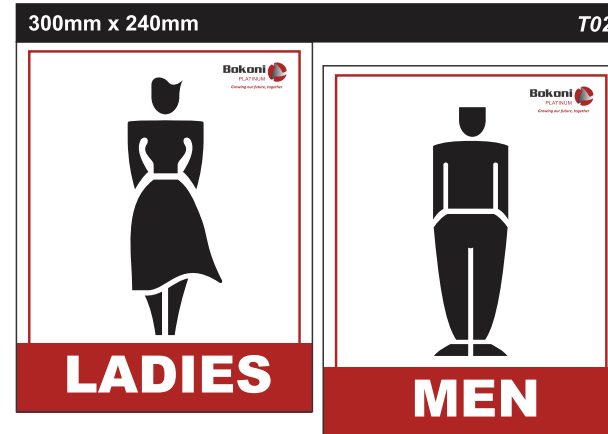
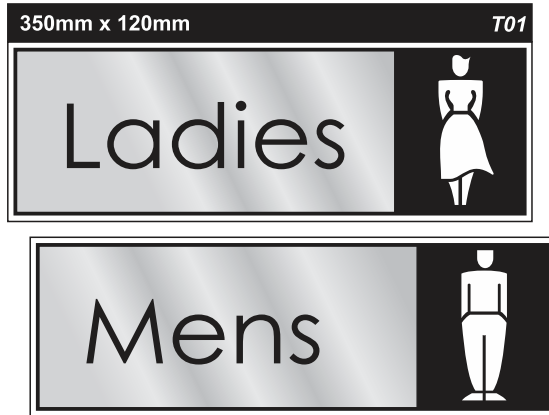
4.4.4 Alle gevaarsituasies moet onmiddellik mondelings oorgedra word na 'n skofbaas. Dit sal nie aanvaar word dat die mondelings rapportering van gevaarlike situasies voldoende sal wees nie, en moet die gevaarsituasie onmiddellik genotuleer word in die klagteboek aan die einde van die skof.

4.4.5 Geen persoon sal toegelaat word om met die klagteboek te peuter en / of dit te beskadig nie.





# TOILET





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# CHEVRON SIGNS

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# CHEVRON





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# COLOUR CODED SIGNS

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# COLOUR CODED

1500mm x 600mm			CC01					
DIAMETER (mm)	MAX. LOAD (Kg)	COLOUR CODE	SAFE MASS FOR A GIVEN ANGLE BETWEEN 2 SLING LEGS (Kg)					
			0°	30°	60°	90°	120°	
10	1000	VIOLET	2000	1932	1732	1414	1000	
16	2000	GREEN	4000	3864	3464	2828	2000	
19	3000	YELLOW	6000	5796	5196	4242	3000	
20	4000	GREY	8000	7728	6928	5656	4000	
22	5000	RED	10 000	9660	8660	7070	5000	
26	6000	BROWN	12 000	11 592	10 392	8484	6000	
28	8000	BLUE	16 000	15 456	13 856	11 312	8000	
32	10 000	ORANGE	20 000	19 320	17 320	14 140	10 000	
APPROXIMATE % REDUCTION IN STRENGTH			0 %	3,5 %	13,5 %	29,5 %	50 %	
STRENGTH REDUCTION FACTOR			1	0,966	0,866	0,707	0,5	

1000mm x 600mm						CC02
STEEL WIRE SLINGS COLOUR CODING						
NOM DIA (mm)	COLOUR	ROPE CONSTRUCTION 1800MPa	EST BREAKING FORCE (Tonnes)	SWL (TONNES)	ACTUAL FACTOR OF SAFETY	
10	GREEN	6 X 19 (12/6/1)/F	6.00	1.0	6.00	
14	WHITE	6 X 36 (14/7 + 7/7/1)/F	12.00	2.0	6.00	
16	BLUE	6 X 36 (14/7 + 7/7/1)/F	15.93	2.5	6.37	
20	BLACK	6 X 36 (14/7 + 7/7/1)/F	24.00	4.0	6.00	
21	YELLOW	6 X 36 (14/7 + 7/7/1)/F	35.00	5.0	7.00	
26	BROWN	6 X 36 (14/7 + 7/7/1)/F	41.00	6.0	6.83	
28	RED	6 X 36 (14/7 + 7/7/1)/F	49.00	8.0	6.12	
32	ORANGE	6 X 36 (14/7 + 7/7/1)/F	64.00	10.0	6.40	

1500mm x 1200mm				CC03
COLOUR CODE SLINGS				
DIAM (MM)	SAFE WORK LOAD (TON)	FACTOR OF SAFETY	INTERNATIONAL COLOUR CODE	
10	1	6,0	VIOLET	
13	1,5	6,0	BLACK	
16	2	6,0	GREEN	
19	3	6,0	YELLOW	
20	4	6,0	GREY	
22	5	6,0	RED	
26	6	6,0	BROWN	
28	8	6,0	BLUE	

1500mm x 1500mm		CC04					
		SLINGS : SAFETY STANDARDS					
Colour Coding	Nominal Rope (mm)	Estimated Breaking Force (kN)	Safe Mass loading at Angles indicated Metric Tons				
			0°	30°	60°	90°	120°
Orange	8	30.7	1.04	1.00	0.90	0.74	0.52
Green	9,5	42.8	1.45	1.41	1.26	1.03	0.73
White	13	82.1	2.79	2.69	2.42	1.97	1.40
Grey	14	96.3	3.27	3.16	2.83	2.31	1.64
Blue	16	120.0	4.08	3.94	3.53	2.88	2.04
Aluminium	18	195.0	5.27	5.09	4.56	3.73	2.63
Black	20	199.0	6.76	6.53	5.86	4.78	3.38
Red	22	228.0	7.75	7.46	6.71	5.46	3.57
Yellow	24	270.0	9.38	9.06	8.12	6.53	4.69
Brown	26	328.0	11.14	10.77	9.66	7.83	5.57

800mm x 700mm		CC05		
		IMPALA STD 11.42.07		
		Yale		
SWR SLING COLOR CODING				
DIAM (mm)	SAFE WORK LOAD (TON)	FACTOR OF SAFETY	INTERNATIONAL COLOUR CODE	
10mm	1 TON	6,0	VIOLET	
13mm	1.5 TON	6,0	WHITE	
16mm	2 TON	6,0	GREEN	
19mm	3 TON	6,0	YELLOW	
20mm	4 TON	6,0	GREY	
22mm	5 TON	6,0	RED	
26mm	6 TON	6,0	BROWN	
28mm	8 TON	6,0	BLUE	
32mm	10 TON	6,0	ORANGE	

800mm x 500mm		CC06
COLOUR CODE ON CHAINBLOCKS AFTER LOAD TESTING		
COLOUR	MONTH	
CORNFLOWER BLUE	JAN	
IVORY	FEB	
JACARANDA PURPLE	MARCH	
LIGHT GREY	APRIL	
MIDDLE BROWN	MAY	
GOLDEN YELLOW	JUNE	
ALUMINIUM	JULY	
SIGNAL RED	AUG	
BLACK	SEPT	
WHITE	OCT	
KING FISHER BLUE	NOV	
BRILLIANT GREEN	DEC	



# COLOUR CODED

1200mm x 1000mm **CC07**

## MONTHLY COLOUR CODING

Tools, safety harnesses, lifting machines & lifting tackle

MONTH	COLOUR	MONTH	COLOUR
JANUARY	RED	JULY	RED
FEBRUARY	BLUE	AUGUST	BLUE
MARCH	ORANGE	SEPTEMBER	ORANGE
APRIL	YELLOW	OCTOBER	YELLOW
MAY	GREEN	NOVEMBER	GREEN
JUNE	WHITE	DECEMBER	WHITE

600mm x 400mm **CC08**

LIFTING EQUIPMENT QUARTERLY COLOUR CODING

**SibanyegOLD**

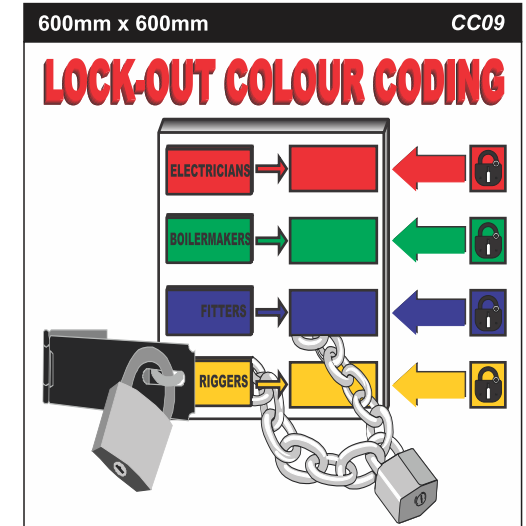
COOKE MINING UNIT 3 (COOKE 4)

NO SUB-STANDARD SLING WILL BE USED ON THE MINE. ALL OLD SLINGS THAT DO NOT COMPLY WITH THE COP (7.2.4) OF LIFTING STANDARD AND PROCEDURE THAT STATES: "WHERE SLINGS, SHACKLES AND LIFTING EQUIPMENT ARE NOT UP TO STANDARD", IT MUST BE DESTROYED.

WHEN A SLING IS MADE UP OR EXAMINED, IT MUST BE COLOUR CODED AS FOLLOWS: THIS INCLUDES ALL OTHER LIFTING EQUIPMENT.

MONTH	COLOUR	
JANUARY FEBRUARY MARCH	YELLOW	FIRST QUARTER
APRIL MAY JUNE	RED	SECOND QUARTER
JULY AUGUST SEPTEMBER	GREEN	THIRD QUARTER
OCTOBER NOVEMBER DECEMBER	WHITE (SILVER)	FORTH QUARTER

**NEXT COLOUR CODING TO BE IMPLEMENTED TWO WEEKS BEFORE THE NEW QUARTER**



1500mm x 1000mm **CC10**

AngloAmerican

## CONCENTRATOR PLANT

### COLOUR CODING FOR LIFTING EQUIPMENT FOR THIS QUARTER

WILL BE:



1200mm x 930mm **CC11**

ANGLOGOLD ASHANTI

## HARD HAT COLOUR CODING

- MANAGEMENT (WHITE)
- MINING ASSISTANTS (LIGHT GREEN)
- SERVICES ASSISTANTS (A-CUBAND) (GREY)
- SHIFT BOSSES FOREMEN (YELLOW)
- ENGINEERING ARTISANS (DARK BLUE)
- SAFETY REPS (TURQUOISE)
- MINERS (RED)
- ARTISAN ASSISTANTS (LIGHT BLUE)
- ALL OUTSIDE CONTRACTORS (DARK BROWN)
- TRAINERS (PURPLE)
- TRAINING CREW (BRIGHT PINK)
- SHIFT SUPERVISORS (BLACK)
- TEAM LEADERS, BANKSMAN, ONSETTERS (ORANGE)
- SERVICES OFFICIALS (CUBAND) (WHITE)
- SHAFT SINKER WORKERS (ORANGE)

600mm x 600mm **CC12**

## KOPANANG MINE

- WHITE: Managers & Engineers
- YELLOW: Mine Overseers/General engineering supervisors
- RED: Shift Bosses, Shaft Foreman, Group Leaders
- ORANGE: Team Leaders
- LIGHT BLUE: Engineering Artisans
- DARK BLUE: Production and shaft engineering foreman
- LIGHT GREEN: Engineering
- DARK GREEN: Miners
- GREY: Service Department ie. Survey, Geology, etc
- TURQUOISE: Mining
- BEIGE: Environmental Safety and health
- BROWN: All Outside Contractors
- DAY GLOW GREEN: Project Katleho



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# COMPRESSORS SIGNS

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# COMPRESSORS









# COMPRESSORS

2000mm x 1700mm CP10

ANGLOGOLD ASHANTI **GREAT NOLIGWA MINE** 

**YOU ARE ENTERING A  
PPE COMPULSORY AREA**

---

**COMPRESSOR HOUSE**

**AREA OF RESPONSIBILITY**

ENGINEER

FOREMAN

ARTISAN

ANGLOGOLD ASHANTI 2014

600mm x 400mm CP11

 **PLATINUM**

**COMPRESSOR  
NO. 3**

1400mm x 900mm CP12

 **PLATINUM**


**COMPRESSOR**

1500mm x 1000mm CP13

**COMPRESSOR HOUSE BLOW OFF AREA**

- No unauthorized personnel beyond this point.
- Hearing Protection must be worn at all times.
- Ear plugs, Noise clippers, Ear muffs.



1000mm x 500mm CP14



**SURFACE  
COMPRESSOR HOUSE**





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# CONSTRUCTION AREA SIGNS

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# CONSTRUCTION AREA





# CONSTRUCTION AREA

1200mm x 800mm CA12

**✓ SITE SAFETY STARTS HERE ✓**

**A ZERO TOLERANCE OPERATES ON THIS SITE**  
Safety signs and procedures must be observed and personal protection & safety equipment must be worn at all times

	<b>Construction Site</b>		Construction work in progress. Parents should warn their children of the dangers of entering building sites.
	No work prior to safety/environmental induction		<b>No Hats! No Boots! No Job!</b>
	<b>Safety helmets must be worn</b>		All drivers and visitors must report to reception
	<b>Safety footwear must be worn</b>		Unauthorised entry to this site is strictly forbidden
	<b>No smoking</b>		<b>DANGER</b> Tripping hazards
	<b>DANGER</b> Men working overhead		ALL RUBBISH To be placed in skips or bins provided and not left on site
<b>Heavy plant and machinery operate on this site</b>			

**This area must be kept clear for emergency vehicles**

1200mm x 1200mm CA13

**Company Logo**

	Construction personnel only beyond this point		Safety helmets Hi Viz vests, eye protection and safety footwear must be worn		Children must not play on this site
	All drivers & visitors must report to site office		<b>Danger</b> Construction site		Employees & Sub Contractors must sign in at the Site Office
<b>CAUTION SITE TRAFFIC</b>					
	<b>10 MAXIMUM SITE SPEED LIMIT</b>				
<b>THINK BEFORE YOU ACT - THINK SAFETY</b>					

800mm x 600mm CA15

**WARNING HLOKOMELA**

**ENTERING THE CONSTRUCTION AREA IS PROHIBITED**

**GO TSENA LEFELONG LA TUKISHO GA GWA DUMELELWA**

**YOU ARE NOT ALLOWED TO USE THE CHAIRLIFT ACCESS**

**GA WA DUMELELWA GO SHOMISHA TSELA YA DIPAESEKELA**

**ONLY AUTHORISED PERSONNEL MAY ENTER**

**GO TSENA FELA BA BADUMELETSWEGO**

900mm x 900mm CA14

**DANGER Construction Site**

	<b>All visitors and deliveries must report to site office.</b>
	<b>Safety helmet, boots and relevant safety equipment must be worn.</b>
	<b>No unauthorized entry.</b>

600mm x 400mm CA16

**STOP**

**CAUTION UNDER CONSTRUCTION**



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# CONTRABAND SIGNS

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# CONTRABAND

450mm x 450mm **CTB01**

**NO CONTRABAND**

**BEYOND THIS POINT**

450mm x 450mm **CTB02**

**NO CONTRABAND**

800mm x 800mm **CTB03**

**AngloAmerican**

**NOTICE**

1. ALL EMPLOYEES, VISITORS AND CONTRACTORS ARE SUBJECT TO SEARCH WHEN ENTERING AND/OR LEAVING ANY MINE AREA.
2. ALL EMPLOYEES, VISITORS AND CONTRACTORS MUST COMPLY WITH THE MINE PROCEDURES.
3. THE FOLLOWING ARE NOT ALLOWED BEYOND THIS POINT:

1000mm x 1000mm **CTB04**

**samancor**  
WESTERN CHROME MINES

**SECURITY AREA**

500mm x 500mm **CTB05**

650mm x 420mm **CTB06**

**CONTRABAND NOTIFICATION**

**YOU ARE ENTERING A CONTRABAND RESTRICTED AREA**

1. Occupational Health and Safety Act, 1993. Section 14. (c) - General Duties of employees at work - fail to carry out any lawful order given to him, and obey the health and safety rules and procedures laid down by his employer or by anyone authorised thereto by his employer, in the interest of health or safety.
2. Mine Health and Safety 1996. Section 22 (f) - Employees duties for health and safety. Fail to comply with prescribed health and safety measures namely possession of contraband underground.

500mm x 500mm **CTB07**

**NO CONTRABAND**

**BEYOND THIS POINT**

800mm x 600mm **CTB08**

**ANGLOGOLD ASHANTI**

**NOTICE**

ALL PERSONS WILL BE LIABLE TO A RANDOM BODY SEARCH.

800mm x 600mm **CTB09**

**NO CONTRABAND BEYOND THIS POINT**

1400mm x 600mm **CTB10**

**UGWAYI, NO'MLILO AKUVUNYELEKILE UKUDLULA APHA KULE NDAWO**

**NO CONTRABAND, BEYOND THIS POINT**

**MOLELO LE MOTSOKE GA DI A LETLELELWA MO TULONG ENA**



# CONTRABAND

1500mm x 1000mm CTB11

**NO CELLPHONE** 

**NO 2 WAY RADIO** 


**NO MATCHES** 


**NO CIGARETTES** 


**NO LIGHTER** 

1500mm x 1000mm CTB12

**NO CONTRABAND BEYOND THIS POINT**

**NO MATCHES** 

**NO CIGARETTES** 

**NO LIGHTER** 

600mm x 400mm CTB13




**YOU ARE NOW ENTERING A NO CONTRABAND AREA**





1000mm x 800mm CTB14

**PPE REQUIRED**  *Growing our future, together*

**SHAFTS:**  





**PLANT:**    

**NO CONTRABAND**

1000mm x 800mm CTB15

**NO CONTRABAND BEYOND THIS POINT**

	<b>CIGARETTES, CIGARS ETC.</b>
	<b>LIGHTERS, MATCHES ETC.</b>
	<b>CELL PHONES</b>
	<b>CAMERA - ONLY WITH PERMISSION FROM MANAGEMENT</b>

800mm x 600mm CTB16

 **MARULA PLATINUM MINE**  
*Our Mine. Our Success.*

**NOTICE**

**ALL PERSONS WILL BE LIABLE TO A RANDOM BODY SEARCH.**





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# CONVEYOR SIGNS

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# CONVEYOR



1480mm x 610mm CV01

<p><b>WARNING</b></p> <p>THE REPAIRING, TESTING ADJUSTING, EXAMINING, CLEANING OR LUBRICATING OF MACHINERY IN MOTION SHALL NOT BE UNDERTAKEN BY ANY PERSON OTHER THAN A COMPETENT PERSON WHERE THERE IS A RISK OF PERSONAL INJURY.</p>	 <p><b>DANGER</b></p> <p>LOOSE CLOTHING MUST NOT BE WORN NEAR MACHINERY.</p> <p><b>GEVAAR</b></p> <p>LOS KLERE MAG NIE NABY MASJINERIE GEDRA WORD NIE</p> <p><b>INGOZI</b></p> <p>AYIKONA GOOKA LO MPAHLE LO YENA LUSEKILE DUZE KALO MTSHINI</p>	<p><b>WARNING</b></p> <p><b>KEEP OFF!</b></p> <p>Climbing, sitting, walking or riding on conveyor at any time can cause severe injuries.</p>	<p><b>NO UNAUTHORISED ENTRANCE</b></p> <p><b>GEEN ONGEMAGTIGDE INGANG</b></p>
		<p><b>BEWARE MOVING MACHINERY</b></p> <p><b>PASOP BEWEGENDE MASJINERIE</b></p> <p><b>PASOPA MTSHINI YENA HAMBA</b></p> 	<p><b>NO!!!</b></p> <p><b>REMOVAL OF GUARDS</b></p> 

800mm x 700mm CV02

**NO ENTRY**

**WHEN CONVEYOR IN MOTION**

**ENTRY TIMES**

**MORNING 10H00 - 12H00**

**HARD HAT MUST BE WORN**

**STAY OUT**



500mm x 500mm CV03

**WARNING - PASOPA**

**THESE CONVEYORS START AUTOMATICALLY**



**LO BAND YENA VULA KOPELE**

500mm x 500mm CV04

**WARNING**




**THIS CONVEYOR BELTS STARTS UP AUTOMATICALLY**

500mm x 500mm CV05

**NO!!!**

**CROSSING OF CONVEYOR BELTS**



500mm x 500mm CV06

**BEWARE**

**OF MOVING CONVEYOR**



500mm x 500mm CV07

**WARNING**

**BEWARE**




**CONVEYOR STARTS AUTOMATICALLY WHEN THERE IS A POWER FAILURE**

500mm x 500mm CV08

**CONVEYOR BELT**

**WALK WAY**



500mm x 500mm CV09

**NO**

**REMOVAL OF CONVEYOR GUARDS**



500mm x 500mm CV10

**BEWARE**

**FALLING ROCKS FROM CONVEYOR BELT**



600mm x 900mm CV11

**NO LYING ON BELT**



600mm x 900mm CV12

**LAST STATION**

**Do NOT Remain on Belt**

**GET OFF!!!**

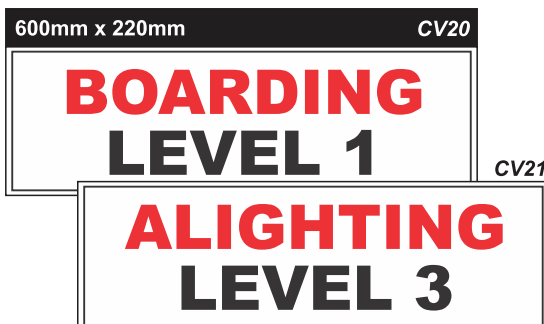
**WALK WAY**

**CONVEYOR BELT**





# CONVEYOR





# CONVEYOR

1200mm x 1000mm

CV25

## CONVEYOR BELT

IN CASE OF EMERGENCY PHONE: 083 455 7131 / \*50000

### FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS. ISOLATE MAIN ELECTRICAL SUPPLY.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
3. IF PATIENT IS BREATHING: MAKE PATIENT COMFORTABLE AND KEEP HIM AT NORMAL BODY TEMPERATURE. COVER HIM WITH BLANKETS OR COATS ONLY IF HE IS COLD.
4. IF PATIENT IS NOT BREATHING: PERFORM RESCUE BREATHING AT ONCE!



Place the victim on his back and begin rescue breathing. Your first blowing efforts will show if his air passages are blocked and, if they are clear, will provide the urgently needed oxygen. If he choked is blocked, clear it quickly with your finger. Slaps between the shoulder blades should dislodge a stubborn blockage.

Then blow until you see his chest rise. If you are rescue breathing through his mouth, seal your lips round his opened mouth, blocking his nostrils with your cheek (fig.4) or pinching them off with your fingers to prevent air leakage.

Make the first 5-10 breathe deep and rapid. Then continue with 10 or 15 breathes a minute. When he starts trying to breathe for himself keep your breath in time with his efforts.

Remove your mouth and listen to him breathing out through the mouth and nose part his lips if you are breathing through his nose while you are taking another breathe (fig.5). Inflation his lungs again as soon as he has breathed out.

Rescue breathing through the patient's nose is less likely to force air into his stomach. If his nose is blocked, try rescue breathing through his mouth.

IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED. APPLY MANUAL METHODS OR RESCUE RESUSCITATION

#### SYLVESTER BROSCH METHOD OF ARTIFICIAL RESPIRATION:



This is the most effective manual method as long as the patient's head is kept fully tilted. It has the advantage that you do not require any other assistance in keeping the air way open and you have the patient's face and mouth in full view whilst at ministering aid. To keep the patient's head tilted back as far as possible place plenty of firm padding under his shoulders. (See illustrations) This is most essential and the padding should be well clear of the patient's neck. Make sure his throat is clear and his tongue well forward. Kneel at the victim's head place his forearms on his chest as close together as possible. Grasp them firmly between wrist and elbows. (Fig. 1) Draw the patient's arms upwards, outward, upward and towards you in a sweeping movement until you feel a slight tension but DON'T OVERSTRAIN THEM. (Fig. 2) Bring his arms back slowly along the same road and press them firmly against the front and sides of the chest. Repeat these movements smoothly about 12 times a minute (3 seconds for breathing in, 2 seconds for breathing out).

#### NELSON'S METHOD OF ARTIFICIAL RESPIRATION:



1 Lay the casualty face downwards with head turned to one side, arms bent and forehead resting on his hands. Kneel at casualty's head.

2 Place your hands over his shoulder blades with thumbs touching on the mid-line and fingers spread out, arms kept straight. Bend forward and apply light pressure by the weight of the upper part of your body while steadily counting ONE, TWO IN 2-5 seconds.

3 Release the pressure gradually and slide your hands to just above the elbows of the casualty. Raise his arms and shoulders by bending backwards with your arms straight till you feel resistance and tension, without lifting his chest off the ground, while counting THREE, FOUR IN 2-5 seconds. Relax and repeat cycle 10-12 times per minute.

5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE. APPLY STERILISED DRESSING TO WOUNDS.



### PROCEDURE IN CASE OF FIRES

1. IMMEDIATELY NOTIFY THE RESPONSIBLE PERSON
2. NOTIFY THE EMERGENCY TEAM 083 455 7131 / \*50000
3. EVACUATE THE AREA AND ASSIST INJURED PEOPLE
4. BARRICADE THE AREA
5. SWITCH OFF THE ELECTRICAL SUPPLY
6. EXTINGUISH FIRE USING EXTINGUISHERS OR HOSE REELS
7. IF FIRE FIGHTING FAILS, EVACUATE AND AWAIT EMERGENCY RESPONSE
8. ENSURE ALL EMPLOYEES REPORT TO THE ASSEMBLY POINT
9. NO PERSON MAY ENTER THE FIRE ZONE UNTIL CLEARED BY THE EMERGENCY SERVICES



1500mm x 600mm

CV26

## FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
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IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED. APPLY MANUAL METHODS OR RESCUE RESUSCITATION.

SYLVESTER BROSCH METHOD OF ARTIFICIAL RESPIRATION:



This is the most effective manual method as long as the patient's head is kept fully tilted. It has the advantage that you do not require any other assistance in keeping the air way open and you have the patient's face and mouth in full view whilst at ministering aid. To keep the patient's head tilted back as far as possible place plenty of firm padding under his shoulders. (See illustrations) This is most essential and the padding should be well clear of the patient's neck. Make sure his throat is clear and his tongue well forward. Kneel at the victim's head place his forearms on his chest as close together as possible. Grasp them firmly between wrist and elbows. (Fig. 1) Draw the patient's arms upwards, outward, upward and towards you in a sweeping movement until you feel a slight tension but DON'T OVERSTRAIN THEM. (Fig. 2) Bring his arms back slowly along the same road and press them firmly against the front and sides of the chest. Repeat these movements smoothly about 12 times a minute (3 seconds for breathing in, 2 seconds for breathing out).

NELSON'S METHOD OF ARTIFICIAL RESPIRATION:



1 Lay the casualty face downwards with head turned to one side, arms bent and forehead resting on his hands. Kneel at casualty's head.

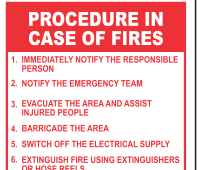
2 Place your hands over his shoulder blades with thumbs touching on the mid-line and fingers spread out, arms kept straight. Bend forward and apply light pressure by the weight of the upper part of your body while steadily counting ONE, TWO IN 2-5 seconds.

3 Release the pressure gradually and slide your hands to just above the elbows of the casualty. Raise his arms and shoulders by bending backwards with your arms straight till you feel resistance and tension, without lifting his chest off the ground, while counting THREE, FOUR IN 2-5 seconds. Relax and repeat cycle 10-12 times per minute.

5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE. APPLY STERILISED DRESSING TO WOUNDS.

## CONVEYOR BELT

IN CASE OF EMERGENCY PHONE: 083 455 7131 / \*50000



1200mm x 500mm

CV27

## WARNING

THE REPAIRING, TESTING ADJUSTING, EXAMINING, CLEANING OR LUBRICATING OF MACHINERY IN MOTION SHALL NOT BE UNDERTAKEN BY ANY PERSON OTHER THAN A COMPETENT PERSON WHERE THERE IS A RISK OF PERSONAL INJURY.



## DANGER

LOOSE CLOTHING MUST NOT BE WORN NEAR MACHINERY.

## GEVAAR

LOS KLERE MAG NIE NABY MASJINERIE GEDRA WORD NIE

## INGOZI

AYIKONA GOOKA LO MPAHLE LO YENA LUSEKILE DUZE KALO MTSHINI

## WAARSKUWING

DIE HERSTEL, VERSTEL, TOETSING, NAGAAN, SKOONMAAK OF SMERING VAN BEWEGENDE MASJINERIE SAL NIE DEUR ENIGE PERSOON ANDERS AS 'N BEVOEGDE PERSOON ONDERNEEM WORD, INDIEN DAAR 'N GEVAAR VAN PERSOONLIKE BESERING SOU WEES.



## LOCK - OUT!



DID YOU LOCK OUT? HET JY UITGESLUIT? WENA VALILE?



# CONVEYOR



2450mm x 1220mm

CV28



## THE RIGHT WAY TO GET OFF A CONVEYOR

STEP 1



AT 45m BEFORE LANDING PLATFORM, GET READY AND IN THE RIGHT DISMOUNT POSITION

STEP 2



AT 15m BEFORE LANDING PLATFORM, GO ON ONE KNEE AND GET READY TO STAND UP

STEP 3



AT LANDING PLATFORM, STAND UP AND WITH THE LEFT FOOT STEP OUT ONTO LANDING PLATFORM

MAN RIDING BELT SAFETY

2450mm x 1220mm

CV29



## THE RIGHT WAY TO GET OFF A CONVEYOR

STEP 1



KEEP KNEES AND HANDS FIRMLY DOWN ON CONVEYOR

STEP 2



MOVE BODY FORWARD AND PLACE ONE FOOT ON CONVEYOR

STEP 3



STEP OFF THE CONVEYOR WITH THE FOOT CLOSEST TO LANDING PLATFORM

MAN RIDING BELT SAFETY

2450mm x 1220mm

CV30



## THE WRONG WAY TO GET OFF A CONVEYOR



STEPPING OFF CONVEYOR WITH BOTH FEET  
HE FEELS UNBALANCED AND STARTS TO FALL OVER.



HIS RIGHT FOOT HAD TO BE USED TO GET OFF  
COMPLETELY OUT OF BALANCE



HE IS OFF BALANCE AND CANT STAY UP  
HE FALLS FORWARD ONTO PLATFORM



HIS OTHER FOOT IS NOW BEHIND THE FOOT ON GRID  
HE'S OFF BALANCE AND THIS WILL NOT HAPPEN TO HIM

MAN RIDING BELT SAFETY

2450mm x 1220mm

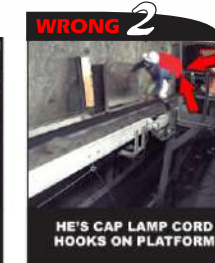
CV31



## THE WRONG WAY TO GET ONTO A CONVEYOR



HE STEPS OUT ONTO THE CONVEYOR FEET FIRST



HE'S CAP LAMP CORD HOOKS ON PLATFORM



HE LOSSES BALANCE AND FALLS FORWARDS

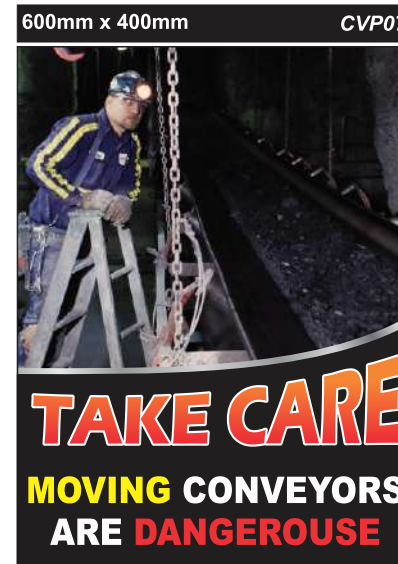


NOW OUT OF CONTROL, HE FALLS HARD DOWN

MAN RIDING BELT SAFETY



# CONVEYOR SAFETY POSTERS



SIZES NOT FIXED BUT POPULAR SIZES ARE:  
- 300mm x 210mm  
- 600mm x 400mm  
- 1000mm x 700mm



# CONVEYOR SYMBOLS





ndikhae<sup>®</sup>  
TRADING & PROJECTS

# DAM RELATED SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# DAM RELATED

**1225mm x 900mm DR01**

**NO UNAUTHORISED ACCESS  
NO PERSON IS ALLOWED TO ENTER ALONE**

**DROWNING TREATMENT**

1. Start artificial respiration **IMMEDIATELY**. Mouth to nose method can be done even before the patient is out of the water. Do not waste time trying to empty water from the patient's lungs, loosen clothing etc.
2. When on dry land turn patient on to face and carry on with Holger Nielsen method of artificial respiration.
3. Only at this stage remove wet clothing and keep patient warm.

**NOTE: A VICTIM MAY BE REVIVED EVEN AFTER TOTAL IMMERSION OF 10 - 12 MINUTES**

When a person is taken out of the water and is unconscious and not breathing, do not waste time trying to get the water out of the persons lungs and stomach, or trying to find a better location to resuscitate the person. **EVERY SECOND COUNTS!**

Keep up this procedure until medical assistance is available, even if you think you are wasting your time. Remember the patient has water in the lungs and that you are artificially doing the work of the lungs which have lost some of their function. When consciousness returns with normal breathing place the patient in the unconscious recovery position until the patient is removed to a hospital. The patient must be watched for 12 hours after the incident for delayed collapse and "secondary drowning". This is caused by the water in the lungs. Transport the patient to hospital immediately.

**○○○ LIFE BUOY - THROWING ASSIST ○○○**

You can throw a ring buoy, throw bag, rescue tube or other device for the distressed person to grab and be pulled to safety. In order to throw:

1. Get into a position that is safe and allows you to maintain your balance. Bend your knees. Step on the non-throwing end of the rope.
2. Aim your throw so that the device will fall just beyond the victim and within reach.
3. When the victim has grasped the device, talk reassuringly while slowly pulling the victim to safety, leaning your body weight away from the distressed person as you pull.

**EMERGENCY NUMBERS : Lebowa 013 230 6710 and Borwa 013 230 6725**

**1500mm x 1500mm DR02**

**PLANT DAM**

**NO DRINKING WATER** **NO SWIMMING** **NO ENTRY** **NO FISHING**

**FIRST AID ON DROWNING**

When a person is taken out of the water and is unconscious and not breathing, do not waste time trying to get the water out of the persons lungs and stomach, or trying to find a better location to resuscitate the person. **EVERY SECOND COUNTS!**

Keep up this procedure until medical assistance is available, even if you think you are wasting your time. Remember the patient has water in the lungs and that you are artificially doing the work of the lungs which have lost some of their function. When consciousness returns with normal breathing place the patient in the unconscious recovery position until the patient is removed to a hospital. The patient must be watched for 12 hours after the incident for delayed collapse and "secondary drowning". This is caused by the water in the lungs. Transport the patient to hospital immediately.

**800mm x 650mm DR03**

**Bokoni PLATINUM**  
Growing our future, together

**WARNING**

**NO DRINKING WATER** **NO SWIMMING** **NO ENTRY** **NO FISHING**

**MOENIE WATER DRINK NIE** **MOENIE SWEM NIE** **GEEN TOEGANG** **GEEN VISVANG**

**1000mm x 670mm DR04**

**MINOPEX**

**NO ENTRY**

**NO PERSONS ALLOWED AT DAM**

**1200mm x 500mm DR05**

**AngloAmerican PLATINUM**

**SURFACE DAM**

**NO DRINKING WATER** **NO SWIMMING** **NO ENTRY** **NO FISHING**

**1500mm x 1300mm DR06**

**DANGER**

**NO SWIMMING** **NO FISHING** **NO DRINKING WATER**

**LIFE RING** **NETTING** **LIFE JACKET**



# DAM RELATED

**1200mm x 800mm DR07**

## NO ENTRY INTO DAM

<p><b>VERDRINKING BEHANDELING</b></p> <p>1. Plus OMBODDERE kennisgewing verskaf word. Die mens se asem- funksie kan ernstig verswak en word die persoon se asem- funksie kan stop. Dit kan tot dood lei. Die mens se asem- funksie kan stop as gevolg van die water se druk. Dit kan tot dood lei.</p> <p>2. Wanneer ernstige tekort kom, draai die persoon op sy rug op 'n vlak oppervlakte en hou die kop laag.</p> <p>3. Wanneer die persoon nie reageer nie, moet die persoon se asem- funksie getoets word.</p> <p>LET WEL: 'N ONBESKONDEDE VESKIESELING VAN DIE WATERSKEMER KAN 'N DODERLIKES ONTOEGANGELIKES TOESTAND VERVOLG.</p>	<p><b>DROWNING TREATMENT</b></p> <p>1. Start onmiddellik met eerste hulp. Draai die persoon op sy rug op 'n vlak oppervlakte en hou die kop laag.</p> <p>2. Hou die persoon se kop laag en hou die persoon se asem- funksie getoets.</p> <p>3. Draai die persoon se kop op sy rug op 'n vlak oppervlakte en hou die kop laag.</p> <p>NOTE: A VICTIM MAY BE REVIVED EVEN AFTER TOTAL IMMERSION OF 10 - 15 MINUTES.</p>	<p><b>KU KHAMIWA KALO MANZI KANJANI WENA SIZA YENA</b></p> <p>1. Qoqa lula yena ka phetolelo yena ka leoto leoto. U ka qoqa lula yena ka phetolelo yena ka leoto leoto. U ka qoqa lula yena ka phetolelo yena ka leoto leoto.</p> <p>2. U ka qoqa lula yena ka phetolelo yena ka leoto leoto. U ka qoqa lula yena ka phetolelo yena ka leoto leoto. U ka qoqa lula yena ka phetolelo yena ka leoto leoto.</p> <p>3. U ka qoqa lula yena ka phetolelo yena ka leoto leoto. U ka qoqa lula yena ka phetolelo yena ka leoto leoto. U ka qoqa lula yena ka phetolelo yena ka leoto leoto.</p> <p>SHUMELA LO SUGULAN TINA ADI PHILA PHELE KHOI TINA KHONA LAPHI BANDA TO 10-15 MINUTE.</p>
---	---	---

When a person is taken out of the water and is unconscious and not breathing, do not waste time trying to get the water out of the person's lungs and stomach, or trying to find a better location to resuscitate the person. EVERY SECOND COUNTS!

**EMERGENCY NUMBERS - NOODNUMMERS**  
 MARULA CLINIC - 013 214 6219 / 6273  
 SECURITY - 013 214 6042  
 PLANT CONTROL ROOM - 013 214 6439  
 PLANT ENGINEER - 013 214 6455

**1200mm x 1000mm DR08**

**MODIKWA PLATINUM MINE**

## NO ENTRY

<b>NO DRINKING WATER</b>	<b>NO SWIMMING</b>	<b>NO ENTRY</b>	<b>NO FISHING</b>
<b>MEETSE A DITSHILA, GA A NEWE</b>	<b>GA WA DUME-LELWA GO RUTHA</b>	<b>GA GO TSENWENTLE LE TUMELELO</b>	<b>GA GO REIWE DIHLAPI</b>

**800mm x 350mm DR09**

## NO ENTRY INTO DAM

**NO SWIMMING**

**NO DRINKING**

**1225mm x 800mm DR10**

**ANGLOGOLD ASHANTI**

<b>Water not for drinking</b>	<b>No swimming</b>
<b>No open flames</b>	<b>No fishing</b>
<b>No thoroughfare</b>	<b>Warning Methane Hazard</b>
	<b>In case of Emergency Call</b>
<b>Warning open trenches</b>	<b>018 478 6043</b>

**1400mm x 900mm DR11**

# SURFACE DAMS

<p><b>NO UNAUTHORIZED ENTRY APPROXIMATE DEPTH ..... DO NOT ENTER ALONE</b></p>					
	<b>NO DRINKING WATER</b>	<b>NO SWIMMING</b>	<b>NO UNAUTHORIZED ENTRY</b>	<b>NO FISHING</b>	<b>LIFE JACKET AT CONTROL ROOM</b>
	<b>MOENIE WATER DRINK NIE</b>	<b>MOENIE SWEM NIE</b>	<b>GEEN ONGEMAGTIGDE TOEGANG</b>	<b>GEEN VISVANG NIE</b>	<b>REDDINGS BAADJIE BESKIKBAAR BY KONTOLE KAMER</b>





**ndikhae**<sup>®</sup>  
TRADING & PROJECTS

# ELECTRICAL SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# ELECTRICAL

## STICKERS OR SIGNS

300mm x 350mm EL01

**H.T. SIDE**

6600 v  6600 v

**DANGER**

300mm x 300mm EL02

**LOW TENSION**

500 v  500 v

**LAE TENSIE**


300mm x 300mm EL03



**GENERAL WARNING  
OF ELECTRICAL  
SHOCK HAZARD**

300mm x 300mm EL04

Isolation Point Number:



Unit Location:

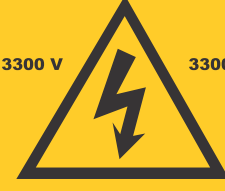
Description:

Fed From:

Feed To:

300mm x 300mm EL05


**MEDIUM VOLTAGE**

3300 V  3300 V

**MEDIUM SPANNING**

300mm x 300mm EL06

Isolation Point Number:



Unit Location:

Description:

Fed From:


Feed To:

1000mm x 500mm EL07

**DANGER**  
UNAUTHORISED ENTRANCE  
PROHIBITED  
THIS ENCLOSURE CONTAINS  
HIGH VOLTAGE  
ELECTRICAL APPARATUS

---

**GEVAAR**  
ONGEMAGTIGDE  
INGANG VERBODE  
HIERDIE AFLUITING BEVAT  
HOË SPANNING  
ELEKTRIESE APPARAAT



**WARNING  
ELECTRICAL HAZARD  
WAARSKUWING  
ELEKTRIESE RISIKO**

300mm x 300mm EL08



OF 

**DANGER  
GEVAAL  
INGOZI**

300mm x 300mm EL09

**DO NOT  
SWITCH ON  
MEN  
WORKING**

---

**DANGER / GEVAAR**

---

**MOENIE  
AANSKAKEL NIE  
WERKSMENSE  
BESIG**

300mm x 300mm EL10



**NO  
SWITCHING  
WHILE POWER  
IS ON.**

300mm x 300mm EL11




**NO  
UNAUTHORIZED  
ENTRY**




290mm x 290mm EL12



**DO NOT SWITCH ON  
PUMP REMOVED**

**MOENIE AANSKAKEL NIE  
POMP IS VERWYDER**

NAAM:  DATE:   
NAME:  DATUM:

290mm x 290mm EL13



**DO NOT  
SWITCH ON  
MEN WORKING  
ON LINE**

290mm x 290mm EL14

1000  Volts

**DANGER  
GEVAAR  
NGOZI**

290mm x 290mm EL15

**THIS UNIT STARTS  
AUTOMATICALLY**


---

**HIERDIE EENHEDE  
SKAKEL  
OUTOMATIES AAN**

---


**AYI BANBA ZONKE LO  
NASHUB KI YENA  
LO AUTOMATIC**

290mm x 290mm EL16



**DO NOT  
SWITCH ON  
MEN  
WORKING**

290mm x 290mm EL17



**DANGER  
GEVAAR  
INGOZI**




# ELECTRICAL

## STICKERS OR SIGNS

800mm x 600mm EL18


**6600 Volt**



400mm x 300mm EL19

**DANGER**  
**GEVAAR INGOZI**

**BEWARE**  
**CABLE END ALIVE**




180mm x 110mm EL20

**DO NOT**  
**START**

NAME: .....

OCCUPATION: .....



800mm x 600mm EL21

**WARNING**

**CHECK IF**  
**ISOLATED**  
**BEFORE**  
**OPENING**

**DANGER**  
**GEVAAR**  
**INGOZI**



290mm x 580mm EL22



**DO NOT**  
**SWITCH ON**  
**MEN**  
**WORKING**  
**ON LINE**

800mm x 500mm EL23

**DANGER**

**OVERHEAD**  
**LINES**



1500mm x 1000mm EL24

**OVERHEAD LINES**  
**22kV**



**6 Meters**

400mm x 300mm EL25

**DANGER**




**LIVE OVERHEAD**  
**CONDUCTOR BARS**

1000mm x 700mm EL26

**33kV**  
**Overhead line**


**6 Meters**  
**Height Restriction**

900mm x 400mm EL27



**IN CASE OF AN**  
**ELECTRICAL EMERGENCY**


1. PULL THE T-BAR HANDLE AT THE BOTTOM OF THE DISTRIBUTION BOX
2. INFORM THE ELECTRICIAN ON DUTY TO REPAIR OR RESET THE ELECTRICAL SUPPLY



800mm x 400mm EL28

**WARNING**

**ELECTRICAL**  
**CABLES**  
**UNDERGROUND**



290mm x 290mm EL29

**11kV**  
**SUBSTATION**

**NO UNAUTHORIZED**  
**ENTRY WITHOUT**  
**PERMISSION OF**  
**ENGINEER OR**  
**ELEC. FORMAN**


290mm x 290mm EL30

**WARNING**  
ALL UNAUTHORISED PERSONS  
ARE PROHIBITED FROM  
HANDLING OR INTERFERING  
WITH ELECTRICAL  
APPARATUS




**WAARSKUWING**  
ALLE ONGEMAGTIGDE PERSONE  
IS BELET OM ELEKTRIESE  
TOESTELLE TE HANTEER OF  
DAARAAN TE PEUTER

290mm x 290mm EL31



**WARNING ELECTRICAL HAZARD**  
**500 VOLT**



**WARNING ELECTRICAL HAZARD**  
**380 VOLT**



# ELECTRICAL

## SUBSTATION & MINI SUBSTATION

**1300mm x 1300mm** **EL32**

### SUB STATION

IN CASE OF EMERGENCY PHONE: IN GEVAL VAN NOOD SKAKEL: [ ]

**WARNING**  
ALL UNAUTHORISED PERSONS ARE PROHIBITED FROM HANDLING OR INTERFERING WITH ELECTRICAL APPARATUS

**WAARSKUWING**  
ALLE ONGEMAGTIGDE PERSONE IS BELET OM ELEKTRIESE TOESTELLE TE HANTEER OF DAARAAN TE PEUTER

**UNAUTHORISED ENTRANCE PROHIBITED**  
ONGEMAGTIGDE INGANG VERBODE

**AKEKHO OVUNYELWE UKUNGENA LAPHA**

**ELECTRICAL SUBSTATIONS PROCEDURE IN CASE OF FIRES NO.1 ONLY APPLIES TO OPERATING STAFF**

1. IMMEDIATELY NOTIFY THE ENGINEER, FOREMAN ELECTRICIAN OR SHIFT ELECTRICIAN.  
2. THE RESPONSIBLE PERSON (ENGINEER, FOREMAN ELECTRICIAN OR SHIFT ELECTRICIAN) MUST SATISFY HIMSELF THAT THE POWER HAS BEEN CUT OFF AND THEN IMMEDIATELY PUT INTO USE THE CO2 FIRE EXTINGUISHERS.

**WATER MUST NEVER BE USED**

SHOULD ONE EXTINGUISHER NOT QUENCH THE FIRE COMPLETELY, OTHERS MUST BE TAKEN FROM THE OTHER SUB-STATIONS.  
THE POWER MUST NOT BE PUT ON UNTIL AUTHORITY TO DO SO HAS BEEN GIVEN BY THE ENGINEER OR FOREMAN ELECTRICIAN.

**WAARSKUWING**  
ALLE ONGEMAGTIGDE PERSONE IS BELET OM ELEKTRIESE TOESTELLE TE HANTEER OF DAARAAN TE PEUTER

**UNAUTHORISED ENTRANCE PROHIBITED**  
ONGEMAGTIGDE INGANG VERBODE

**AKEKHO OVUNYELWE UKUNGENA LAPHA**

**NO ENTRY TO UNAUTHORISED PERSONS**  
GEEN TOEGANG VIR ONGEMAGTIGDE PERSONE

**EXTINGUISHING WITH WATER PROHIBITED**  
WATER AS BLUSMIDDEL VERBODE

**DANGER GEVAAL INGOZI**

**HEAD PROTECTION SHALL BE WORN**  
KOPESKERMING VEREIS

**1210mm x 810mm** **EL33**

### SUB STATION

IN CASE OF EMERGENCY PHONE: IN GEVAL VAN NOOD SKAKEL: **014 598 2362**

**EXTINGUISHING WITH WATER PROHIBITED**  
WATER AS BLUSMIDDEL VERBODE

**NO ENTRY TO UNAUTHORISED PERSONS**  
GEEN TOEGANG VIR ONGEMAGTIGDE PERSONE

**WARNING**  
ALL UNAUTHORISED PERSONS ARE PROHIBITED FROM HANDLING OR INTERFERING WITH ELECTRICAL APPARATUS

**WAARSKUWING**  
ALLE ONGEMAGTIGDE PERSONE IS BELET OM ELEKTRIESE TOESTELLE TE HANTEER OF DAARAAN TE PEUTER

**UNAUTHORISED ENTRANCE PROHIBITED**  
ONGEMAGTIGDE INGANG VERBODE

**AKEKHO OVUNYELWE UKUNGENA LAPHA**

**NO ENTRY TO UNAUTHORISED PERSONS**  
GEEN TOEGANG VIR ONGEMAGTIGDE PERSONE

**EXTINGUISHING WITH WATER PROHIBITED**  
WATER AS BLUSMIDDEL VERBODE

**DANGER GEVAAL INGOZI**

**HEAD PROTECTION SHALL BE WORN**  
KOPESKERMING VEREIS

**800mm x 540mm** **EL34**

### SUB STATION

IN CASE OF EMERGENCY PHONE: IN GEVAL VAN NOOD SKAKEL: [ ]

**WARNING**  
ALL UNAUTHORISED PERSONS ARE PROHIBITED FROM HANDLING OR INTERFERING WITH ELECTRICAL APPARATUS

**WAARSKUWING**  
ALLE ONGEMAGTIGDE PERSONE IS BELET OM ELEKTRIESE TOESTELLE TE HANTEER OF DAARAAN TE PEUTER

**UNAUTHORISED ENTRANCE PROHIBITED**  
ONGEMAGTIGDE INGANG VERBODE

**AKEKHO OVUNYELWE UKUNGENA LAPHA**

**ELECTRICAL SUBSTATIONS PROCEDURE IN CASE OF FIRES NO.1 ONLY APPLIES TO OPERATING STAFF**

1. IMMEDIATELY NOTIFY THE ENGINEER, FOREMAN ELECTRICIAN OR SHIFT ELECTRICIAN.  
2. THE RESPONSIBLE PERSON (ENGINEER, FOREMAN ELECTRICIAN OR SHIFT ELECTRICIAN) MUST BE SATISFIED THAT THE POWER HAS BEEN CUT OFF AND THEN IMMEDIATELY PUT INTO USE THE CO2 FIRE EXTINGUISHERS.

**WATER MUST NEVER BE USED**

SHOULD ONE EXTINGUISHER NOT QUENCH THE FIRE COMPLETELY, EXTRA EXTINGUISHERS MUST BE TAKEN FROM THE OTHER SUB-STATIONS.  
THE POWER MUST NOT BE PUT ON UNTIL AUTHORITY TO DO SO HAS BEEN GIVEN BY THE ENGINEER OR FOREMAN ELECTRICIAN.

**NO ENTRY TO UNAUTHORISED PERSONS**  
GEEN TOEGANG VIR ONGEMAGTIGDE PERSONE

**EXTINGUISHING WITH WATER PROHIBITED**  
WATER AS BLUSMIDDEL VERBODE

**DANGER GEVAAL INGOZI**

**HEAD PROTECTION SHALL BE WORN**  
KOPESKERMING VEREIS

**2450mm x 1225mm** **EL36**

### SUB - STATION

**WARNING**  
ALL UNAUTHORIZED PERSONS ARE PROHIBITED FROM HANDLING OR INTERFERING WITH ELECTRICAL APPARATUS

**UNAUTHORIZED ENTRANCE PROHIBITED**

**NO ENTRY TO UNAUTHORIZED PERSONS**  
GEEN TOEGANG VIR ONGEMAGTIGDE PERSONE

**EXTINGUISHING WITH WATER PROHIBITED**  
WATER AS BLUSMIDDEL VERBODE

**DANGER GEVAAL INGOZI**

**HEAD PROTECTION SHALL BE WORN**  
KOPESKERMING VEREIS

**1200mm x 980mm** **EL35**

### SUB - STATION

**WARNING**  
ALL UNAUTHORIZED PERSONS ARE PROHIBITED FROM HANDLING OR INTERFERING WITH ELECTRICAL APPARATUS

**UNAUTHORIZED ENTRANCE PROHIBITED**

**NO ENTRY TO UNAUTHORIZED PERSONS**  
GEEN TOEGANG VIR ONGEMAGTIGDE PERSONE

**EXTINGUISHING WITH WATER PROHIBITED**  
WATER AS BLUSMIDDEL VERBODE

**DANGER GEVAAL INGOZI**

**HEAD PROTECTION SHALL BE WORN**  
KOPESKERMING VEREIS

**1000mm x 1500mm** **EL37**

AngloAmerican PLATINUM

## Electrical and Instrumentation Workshop



# ELECTRICAL

**550mm x 800mm** **EL38**

## ELECTRIC SHOCK EMERGENCY RESUSCITATION

**Safeguard Yourself**

If a patient collapses due to **ELECTRIC SHOCK**, break the circuit by switching off the current at the mains, removing the plug or wrenching the cable free. If unable to reach the cable, socket or mains, use or stand on some **DRY** non-conducting material and using a broom, safety hook, wooden chair or stool, push the casualty away from the source of electricity **A**. Once the area is safe:

**Check Casualty Response**

If unconscious, open the airway and check for normal breathing (for up to 10 seconds). **B**

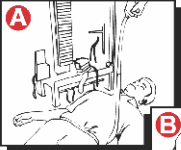
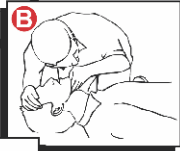

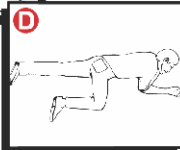
If the casualty is breathing, place in the recovery position **D**, dial 999 for an ambulance, monitor and record breathing every ten minutes or until medical assistance arrives.

**If Casualty is Not Breathing Normally**

If the casualty is not breathing normally, dial 999 immediately and commence CPR

**Commence CPR**


Commence CPR. Alternate 30 chest compressions with two rescue breaths. **C** Repeat this sequence as necessary

**Slowly move the wick ropes 3 times as a warning before opening up.**


**800mm x 600mm** **EL39**

### WARNING



NOISE LEVEL \_\_\_\_\_ dB(A).

### LOCK OUT

LOCK OUT AND LIVE  LOCK OUT AND LIVE

THE WINCH MUST BE LOCKED OUT WHEN NOT IN USE. THE WINCH MUST BE LOCKED OUT WHEN ANY WORK IS:  
 • PERFORMED ON THE WINCH, CABLE OF SCRAPERS.  
 • PERFORMED IN THE SCRAPER PATH AREA.

### CODE OF SIGNALS


ONE (1) LONG SIGNAL	STOP & INVESTIGATE
TWO (2) SHORT SIGNAL	PULL TOWARDS OPERATOR
ONE (1) SHORT SIGNALS	PULL AWAY FROM OPERATOR

**STOP & SEARCH IF THE SIGNAL IS UNCLEAR**

### SAFETY RULES

- ONLY OPERATORS WITH A VALID LICENSE ARE ALLOWED TO OPERATE A WINCH.
- THE LICENSE MUST BE WITH THE OPERATOR AT ALL TIMES.
- THE DAILY CHECKLIST MUST BE COMPLETED AND THE WINCH MUST NOT BE USED IF NOT TO STANDARD.
- REPORT ANY DEFECTS TO THE ENGINEERING DEPARTMENT.


**600mm x 300mm** **EL41**



## 380 / 220 VOLT D.B

**D.B NUMBER:**

**FED FROM:**




**1400mm x 1220mm** **EL42**

## LOW VOLTAGE 550 VOLTS

**UNAUTHORISED ENTRY PROHIBITED**

**ONGEMAGTIGDE INANGANG VERBOD**

**AKEKHO OVUNYELWE UKUNGENA LAPHA**



**WARNING**  
ALL UNAUTHORISED PERSONS ARE PROHIBITED FROM HANDLING MACHINERY OR ELECTRICAL APPARATUS

**WAARSKUWING**  
ALLE ONGEMAGTIGDE PERSONE WORD GEWAARSKU OM NIE ENIGE MASJINERIE OF ELEKTRESE APPARAAT AAN TE RAAK OF TE HANTIER


**ELEKTRIESE SUBSTASIES STAPPE INGEVAL VAN VUUR NR.1 ALEENLIK VAN TOEPASSING OP PERSONEEL IN BEHEER**

**ELECTRICAL SUBSTATIONS PROCEDURE IN CASE OF FIRES NO.1 ONLY APPLIES TO OPERATING STAFF**

1. STEL ONMIDDELIK DIE INGENIEUR, VOORMAN/ELEKTRISIEN OF SKOP-ELEKTRISIEN IN KENNIS.
2. DIE VERANTWOORDELIKE PERSOON (INGENIEUR, VOORMAN/ELEKTRISIEN OF SKOP-ELEKTRISIEN) MOET HONSELF TEVERDE STEL DAT DIE KRAG AFGESKAKEL IS EN DAN ONMIDDELIK DIE CO2 VUURBLUSSERS IN WERKING STEL.

**WATER MAG NOOIT GEBRUIK WORD NIE**

INDIEN EEN BLUSSER NIE DIE VUUR HEELTEMAL BLUS NIE, MOET BLUSSERS VAN ANDER SUBSTASIES GEHEM WORD, DIE KRAG MAG NIE AANGESKAKEL WORD ALDRENS MAGTIGING DAARTOE VERLEEN IS DEUR DIE INGENIEUR OF VOORMAN/ELEKTRISIEN NIE.



1. IMMEDIATELY NOTIFY THE ENGINEER, FOREMAN/ELECTRICIAN OR SHIFT ELECTRICIAN.
2. THE RESPONSIBLE PERSON (ENGINEER, FOREMAN/ELECTRICIAN OR SHIFT ELECTRICIAN) MUST SATISFY HIMSELF THAT THE POWER HAS BEEN CUT OFF AND THEN IMMEDIATELY PUT INTO USE THE CO2 FIRE EXTINGUISHERS.






**WATER MUST NEVER BE USED**

SHOULD ONE EXTINGUISHER NOT QUENCH THE FIRE COMPLETELY OTHERS MUST BE TAKEN FROM THE OTHER SUB-STATIONS. THE POWER MUST NOT BE PUT ON UNTIL AUTHORITY TO DO SO HAS BEEN GIVEN BY THE ENGINEER OR FOREMAN/ELECTRICIAN.

**1000mm x 600mm** **EL40**

## FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
3. IF PATIENT IS BREATHING: MAKE PATIENT COMFORTABLE AND KEEP HIM AT NORMAL BODY TEMPERATURE. COVER HIM WITH BLANKETS OR COATS ONLY IF HE IS COLD.
4. IF PATIENT IS NOT BREATHING: PERFORM RESCUE BREATHING AT ONCE!

Place the victim on his back and begin rescue breathing. Your first blowing efforts will show if his air passages are blocked and, if they are clear, will provide the urgently needed oxygen, if he stroked is blocked, clear it quickly with your finger. Slaps between the shoulder blades should dislodge a stubborn blockage.

Rescue breathing through the patient's nose is less likely to force air into his stomach. If his nose is blocked, try rescue breathing through his mouth.



Then blow until you see his chest rise. If you are rescue breathing through his mouth, seal your lips round his opened mouth, blocking his nostrils with your cheek (fig.4) or pinching them off with your fingers to prevent air leakage.

Remove your mouth and listen to him breathing out through the mouth and nose part his lips if you are breathing through his nose while you are taking another breathe (fig.5). Inflate his lungs again as soon as he has breathed out.

Make the first 5-10 breathe deep and rapid. Then continue with 10 or 15 breathes a minute. When he starts trying to breathe for himself keep your breath in time with his efforts.




IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED. APPLY MANUAL METHODS OR RESCUE RESUSCITATION

**SYLVESTER BROSCHE METHOD OF ARTIFICIAL RESPIRATION:**

This is the most effective manual method as long as the patient's head is kept fully tilted. It has the advantage that you do not require any other assistance in keeping the air way open and you have the patient's face and mouth in full view whilst at ministering aid. To keep the patient's head tilted back as far as possible place plenty of firm padding under his shoulders. (See illustrations) This is most essential and the padding should be well clear of the patient's neck. Make sure his throat is clear and his tongue well forward. Kneel at the victim's head place his forearms on his chest a s close together as possible. Grasp them firmly between wrist and elbows. (Fig.1) Draw the patient's arms upwards, outward, upward and towards you in a sweeping movement until you feel a slight tension but DON'T OVERSTRAIN THEM. (Fig.2) Bring his arms back slowly along the same road and press them firmly against the front and sides of the chest. Repeat these movements smoothly about 12 times a minute (3 seconds for breathing in, 2 seconds for breathing out).

**NEILSON'S METHOD OF ARTIFICIAL RESPIRATION:**

1. Lay the casualty face downwards with head turned to one side, arms bend and forehead resting on his hands. Kneel at casualty's head.
2. Place your hands over his shoulder blades with thumbs touching on the mid-line and fingers spread out, arms kept straight. Bend forward and apply light pressure by the weight of the upper part of your body while steadily counting ONE, TWO IN 2-5 seconds.
3. Release the pressure gradually and slide your hands to just above the elbows of the casualty. Raise his arms and shoulders by bending backwards with your arms straight till you feel resistance and tension, without lifting his chest off the ground, while counting, THREE, FOUR IN 2-5 seconds. Relax and repeat cycle 10-12 times per minute.

5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE. APPLY STERILISED DRESSING TO WOUNDS.

Credit: Drawn 2



# ELECTRICAL LOCK OUT TAGS

**DOUBLE SIDED** **EL43**

DANGER

This Tag must not be removed except by the undersigned, or as stipulated under the Danger Tag Regulation

**THIS** \_\_\_\_\_  
**MUST NOT**  
**BE OPERATED**

Name: \_\_\_\_\_  
Dept: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Date: \_\_\_\_\_  
Signed: \_\_\_\_\_  
Reason: \_\_\_\_\_

DANGER

THIS  
ISOLATION DEVICE/  
SWITCH / VALVE  
MUST  
**NOT**  
BE OPERATED

SEE OTHER SIDE

**DOUBLE SIDED** **EL44**

SibanyeGOLD

PERSONAL

DANGER

PERSONAL

MUST  
NOT  
BE  
OPERATED

SEE OTHER SIDE

This tag must NOT be removed except by the undersigned or as provided under the Danger Tag Rule.

PERSONAL

DANGER

PERSONAL

This isolation device:  
**DO NOT USE OR OPERATE**

NAME: \_\_\_\_\_  
(of person attaching tag) (Block letters)

COY NUMBER: \_\_\_\_\_  
DEPT: \_\_\_\_\_  
DATE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_  
COMMENTS: \_\_\_\_\_

**EL45**

LETAB PROJECTS (Pty) Ltd  
ELECTRICAL, MECHANICAL & FIBRE/OPTIC ENGINEERS AND CONTRACTORS

LOCK-OUT

People working on  
Equipment  
**DO NOT SWITCH  
ON**

NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

**EL46**

DANGER

This equipment has been  
locked out by:

\_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_

**DOUBLE SIDED** **EL47**

DANGER

MEN  
WORKING  
ON LINE

DANGER

THIS:

\_\_\_\_\_

MUST NOT  
BE OPERATED

**DOUBLE SIDED** **EL48**

INGOZI

EQUIPMENT  
LOCKED OUT  
BY

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

ONLY AN AUTHORIZED PERSON  
MAY REMOVE THIS TAG

DANGER

DANGER

THIS ENERGY  
SOURCE HAS BEEN

LOCKED  
OUT

THIS TAG & LOCK TO BE REMOVED  
ONLY BE PERSON SHOWN ON BACK

KOTSI

**EL49**

DANGER

This equipment has been  
locked out by:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_

**EL50**

DANGER  
GEVAAR  
NGOZI

DO NOT  
SWITCH ON  
MEN WORKING  
ON LINE

NAME: \_\_\_\_\_





# ELECTRICAL POSTERS

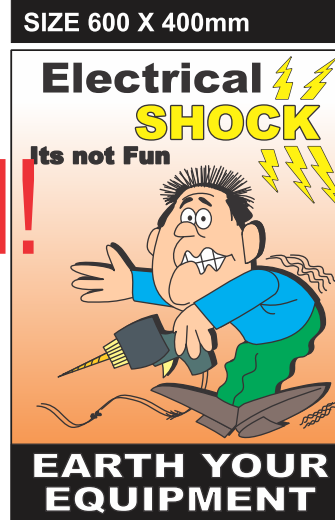
ELP01



ELP02



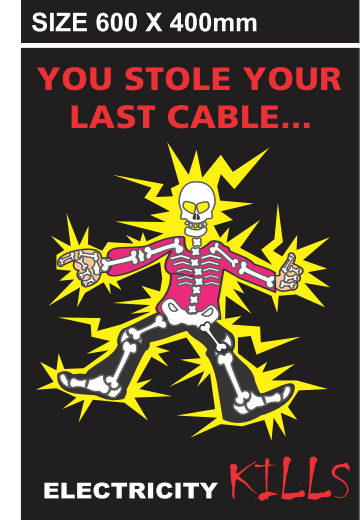
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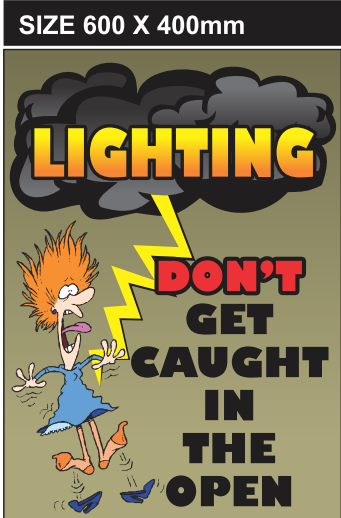
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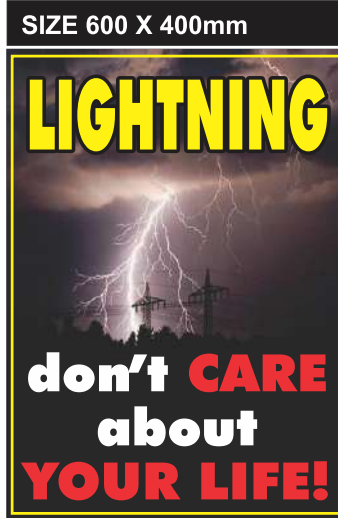
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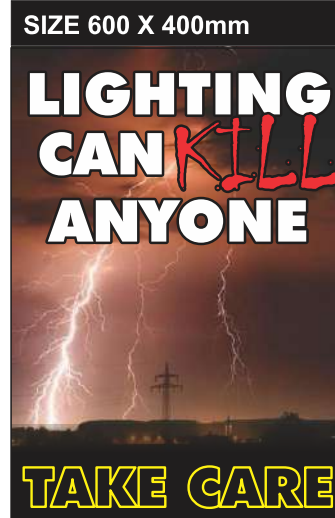
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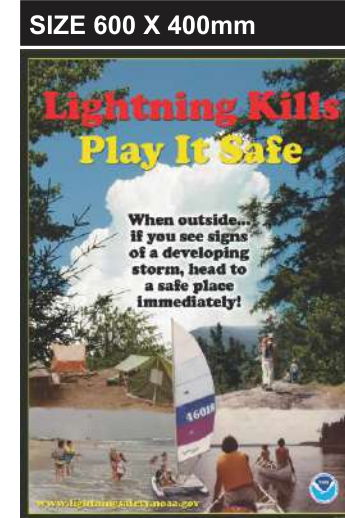
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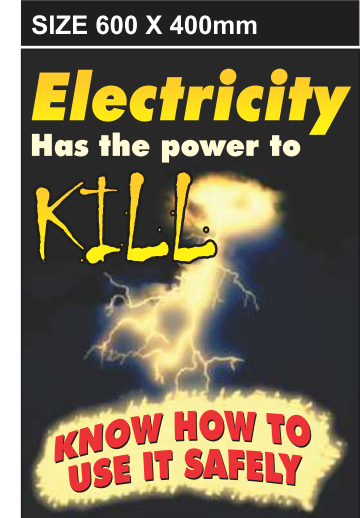
ELP08



ELP09



ELP10



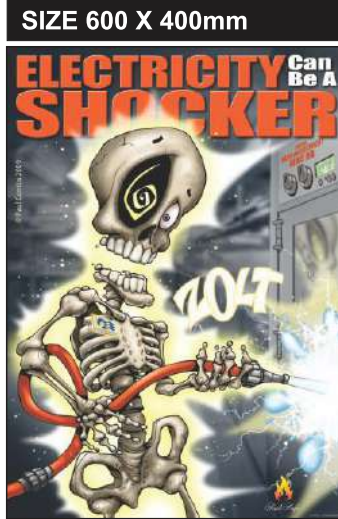


# ELECTRICAL POSTERS

ELP11



ELP12



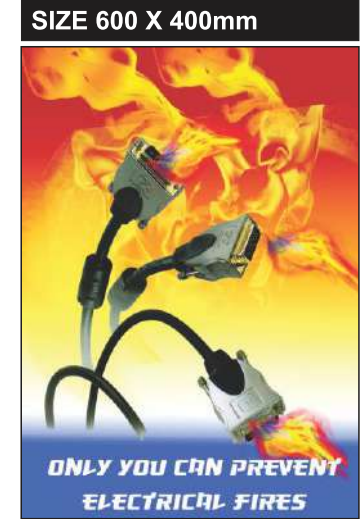
ELP13



ELP14



ELP15



ELP15



ELP16



ELP17



ELP18

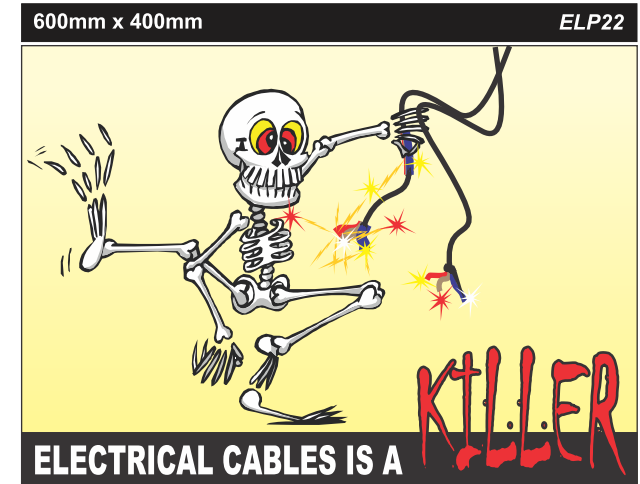
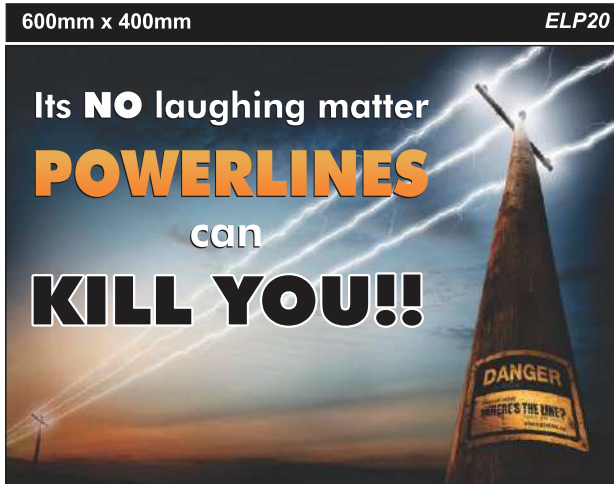


ELP19

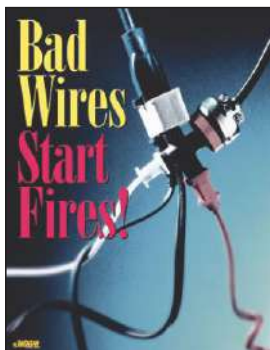




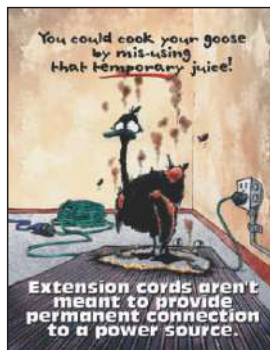
# ELECTRICAL POSTERS



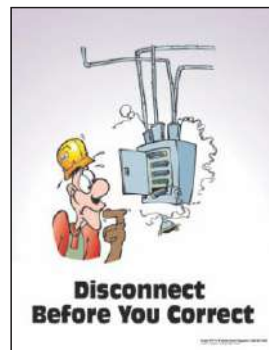
EIPs01



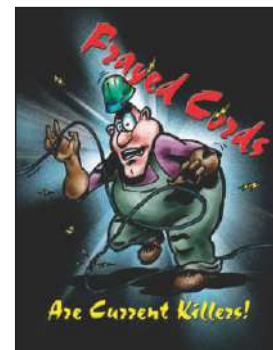
EIPs02



EIPs03



EIPs04



EIPs05



EIPs06



EIPs07





ndikhae<sup>®</sup>  
TRADING & PROJECTS

# EXPLOSIVES & BLASTING SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# EXPLOSIVES

## EXPLOSIVE & ACCESSORY BAYS



### PROHIBITIVE SYMBOLICS





# EXPLOSIVES

## EXPLOSIVE & ACCESSORY BAYS



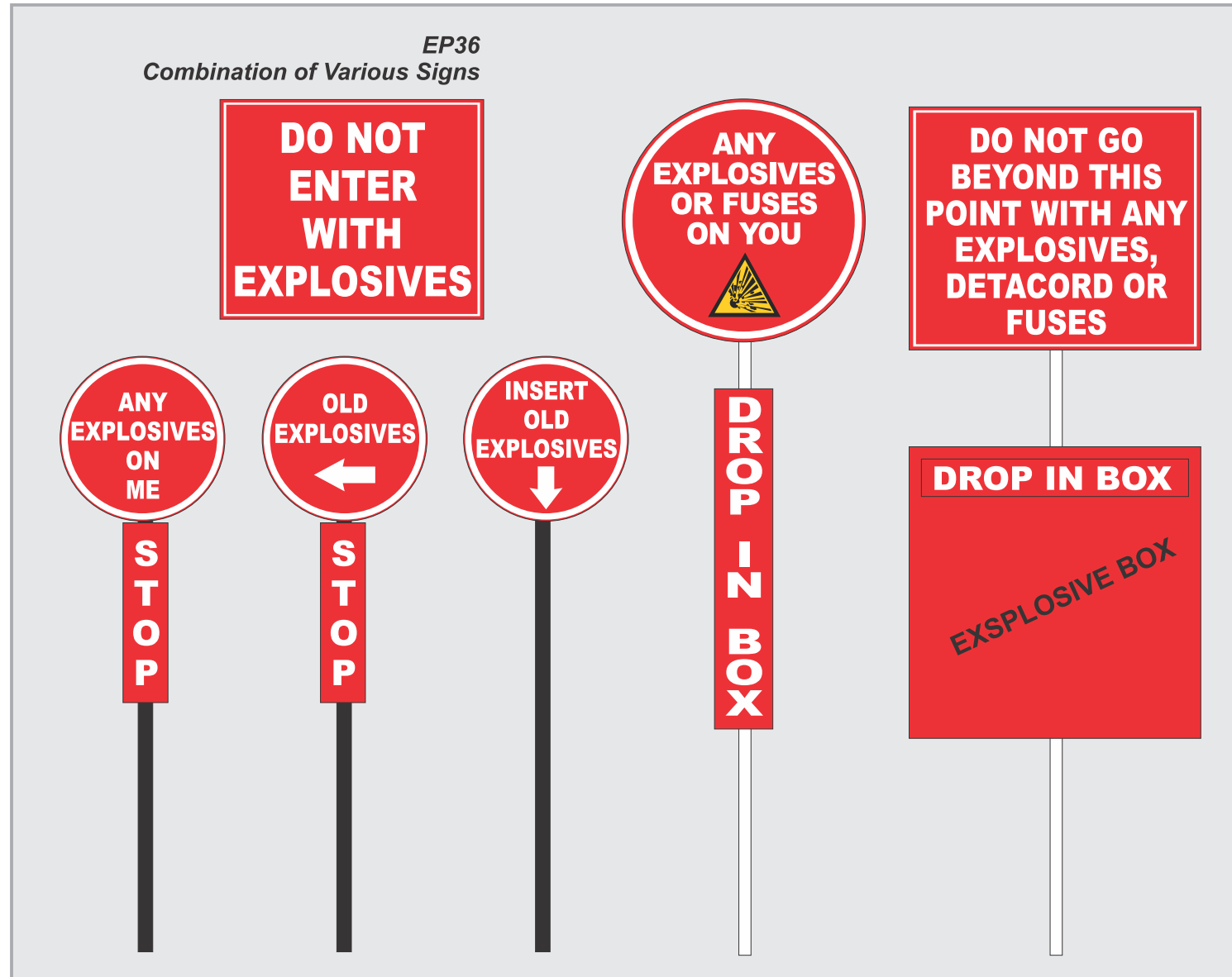


# EXPLOSIVES





# EXPLOSIVES





# EXPLOSIVES

## STICKERS OR SIGNS

300mm x 210mm EP37

**EXPLOSIVES / SPRINGSTOWWE**

TYPE/TIPE :

GANG No. :

SECTION/SEKSIE :

MINER/MYNER :

BOX No./KAS Nr. :

600mm x 400mm EP39

**EXPLOSIVES/SPRINGSTOWWE**

TYPE :

CONTR NO:

BOX NO:

GANGER:

300mm x 200mm EP41

**Bokoni**  
PLATINUM  
Growing our future, together

**TYPE OF EXPLOSIVE:**

**MINER:**

**WORK PLACE:**

**BOX NO:**

SECURIX MARKETING 011 251 450

210mm x 290mm EP42

**EXPLOSIVES  
SPRINGSTOWWE**

TYPE :

CONTR NO:

BOX NO:

GANGER:

GANGER:

GANGER:

GANGER:

300mm x 320mm EP38

**samancor**

**EXPLOSIVES / SPRINGSTOWWE**

TYPE OF EXPLOSIVE	<input type="text"/>
RESPONSIBLE PERSON	<input type="text"/>
W/PLACE / CONTR No.	<input type="text"/>
BOX NO.	<input type="text"/>
QUANTITY	<input type="text"/>
DATE	<input type="text"/>

300mm x 320mm EP40

**EXPLOSIVES / SPRINGSTOWWE**

BOX NO.:

TYPE:

MINER:

WORKING PLACE:

210mm x 290mm EP43

**EXPLOSIVES / SPRINGSTOWWE**

MINER	<input type="text"/>
WORK PLACE	<input type="text"/>
PANEL NO	<input type="text"/>
<b>TYPE OF EXPLOSIVES</b>	<b>OLD EXPLOSIVES OU SPRINGSTOWWE CARTRIDGES</b>
BOX NO	<input type="text"/>

# EXPLOSIVES



600mm x 400mm EP44

**DANGER**

CYLINDERS CONTAIN  
EXPLOSIVE GAS  
HANDLE WITH CARE

600mm x 400mm EP45

**DANGER**

**EXPLOSIVES**

600mm x 400mm EP46

**DANGER**

EXPLOSIVES 

600mm x 400mm EP47

**DANGER**

**EXPLOSIVES**  
KEEP AWAY

600mm x 400mm EP48

**DANGER**

EXPLOSIVES  
KEEP OUT 

600mm x 400mm EP49

**WARNING**

EXPLOSIVES  
KEEP OUT 

600mm x 400mm EP50

**DANGER**

**EXPLOSIVE VAPOR**  
NO SMOKING, NO OPEN  
FLAMES, NO SPARKS

600mm x 400mm EP54

**DANGER**



**ADD YOUR  
EXPLOSIVE  
WARNING  
MESSAGE HERE**

600mm x 400mm EP51

**DANGER**

**HIGH  
EXPLOSIVES**

600mm x 400mm EP52

**DANGER**

**EXPLOSIVE HAZARD**  
**NO SMOKING**

600mm x 400mm EP53

**DANGER**

**EXPLOSIVES**  
KEEP OUT

# BLASTING



800mm x 450mm **BL01**

## BLASTING AREA

1. NO ENTRY BEYOND THIS POINT WHEN THIS BARRICADE IS CLOSED.
2. NO ENTRY BEYOND THIS POINT IF THIS BARRICADE IS OPEN, WITHOUT A BLAST CONTROL LOCK ISSUED BY THE MINE OVERSEER.

500mm x 500mm **BL02**

**BLASTING POINT**

300mm x 300mm **BL03**

## BLASTING

## NO ENTRY

450mm x 450mm **BL04**

## NO UNAUTHORIZED ENTRY

**BLASTING**

1200mm x 600mm **BL05**

**SKIETGEBIED - GEEN INGANG**  
**BLASTING AREA - NO ENTRY**  
**CHEESA - AYIKHONA NGENA**

600mm x 400mm **BL06**

## BLASTING

## NO ENTRY

600mm x 300mm **BL08**

**BLASTING** **NO ENTRY** **RE - ENTRY**

*Blasting Time:  
15:00  
2 Hours  
re-entry  
after blast*

**AIKONA NGENA TINA CHIESA**

600mm x 400mm **BL07**

**MOTOTOLO PLATINUM MINE**

## NO ENTRY

## BLASTING IN PROGRESS

600mm x 330mm **BL09**

**LANXESS**  
Energy Chemistry  
 LANXESS Chrome Mining (Pty) Ltd.

**4 - HOURS RE-ENTRY** **AIKONA NGENA**

**TIME BLASTED**

**RE-ENTRY TIME**

1200mm x 1200mm **BL10**

**AngloAmerican** **PLATINUM**

**WARNING:**  
EXPLOSIVE DESTRUCTION BAY - NO UNAUTHORISED ENTRY

**REMEMBER:**  
DO NOT TOUCH OR PICK UP ANYTHING IF NOT INSTRUCTED TO DO SO BY THE DESTRUCTION BLASTER - IT MAY BE DANGEROUS

Ensure that you comply with the following		Ensure that you have the following Personal Protection Equipment (PPE)	
	No Smoking You are not allowed to enter the Explosives Destruction Bay with your cigarettes. All cigarettes must be left in your vehicles or in the contraband facility		Eye Protection required Tasks where expressions is to be initiated
	No Open Flames You are not allowed to enter the Explosives Destruction Bay with matches or lighters. All matches or lighters must be left in your vehicles or in the contraband facility		Safety Shoes required Steel point, antistatic shoes required when performing practical tasks or handling explosives
	No Fire Arms You are not allowed to enter the Explosives Destruction Bay with any fire arms		Gloves required Tasks with sharp objects or hazardous chemicals (e.g preparing explosives charges)
	No Camera's You are not allowed to enter the Explosives Destruction Bay with any camera or video camera except if approved by the Explosives Manager		Safety Glasses required Safety Glasses required when performing practical tasks or handling explosives
	Prohibition of Intoxicating Substances You are not allowed to enter the Explosives Destruction Bay under the influence of any intoxicating substances		Hard Hat required Protection against possible fly-rock and the sun. NOTE: There is no shading on the Explosives Construction Bay
	No Cell Phones or Radio Transmitters No Cell phones or radio transmitters allowed to enter the Explosives Destruction Bay	<b>Ensure to bring along the following additional items</b>	
All visitors must sign a visitors register			There is no drinking water available on the Explosives Construction Bay
Parking must be done in reverse			
Ensure that you have positive identification with you			

**ALL INSTRUCTIONS GIVEN BY THE APPROPRIATE EXPLOSIVE DESTRUCTION BLASTER MUST BE ADHERED TO AT ALL TIMES. YOU MAY BE SEARCHED FOR POSSESSION OF EXPLOSIVES / ACCESSORIES AT ANY TIME.**

# BLASTING



600mm x 600mm **BL11**

**BLASTING AREA  
NO ENTRY**

---

**SKIET AREA  
GEEN TOEGANG**

---

**GO A THINTSHWA  
GA GO TSENWE**

1000mm x 500mm **BL12**

 **NO ENTRY**

 **BLASTING IN  
PROGRESS**

 **NO  
PEDESTRIANS**

800mm x 400mm **BL13**

 **DANGER**



**BLASTING AREA  
KEEP OUT**

600mm x 200mm **BL14**

**BLASTING  
BOX**





600mm x 600mm **BL15**

**BLASTING TIMES**

**DAY SHIFT**

**AFTERNOON SHIFT**

**NIGHT SHIFT**

600mm x 400mm **BL16**

 **NO  
ENTRY** 

**BLASTING  
IN PROGRESS**

700mm x 700mm **BL19**



**DANGER**

BLAST AREA - KEEP OUT

**GEVAAR**

SKIETGEBIED - BLY WEG

500mm x 900mm **BL17**

**DANGER**

**BLASTING AREA**

**NO UNAUTHORIZED ENTRY**

590mm x 900mm **BL18**

**DANGER**

**NO ENTRY**

**BLASTING  
IN PROGRESS**

700mm x 700mm **BL20**

**NO UNAUTHORISED  
ENTRY**



**DANGER  
BLASTING AREA**

RESPONSIBLE PERSON

CONTACT NUMBER

**MANDATORY WHEN DESTROYING**



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TRADING & PROJECTS

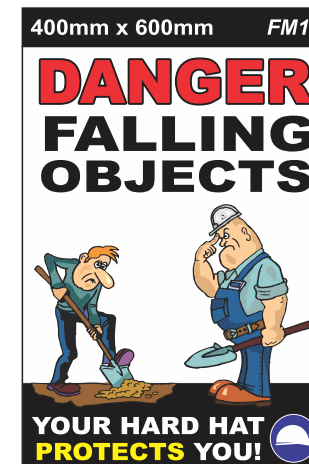
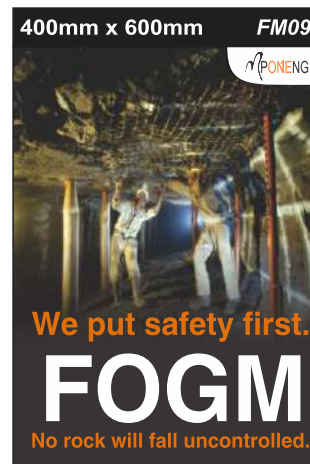
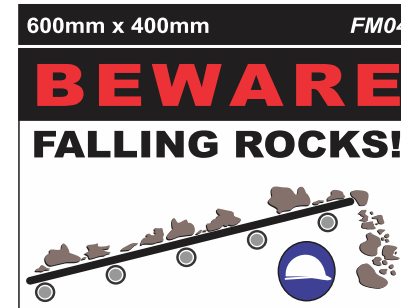
# FALLING MATERIAL SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# FALLING MATERIAL

## SIGNS & POSTERS





ndikhae<sup>®</sup>  
TRADING & PROJECTS

# FIRE RELATED SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# FIRE RELATED

**1230mm x 610mm** **FR01**

**FIRE EXTINGUISHER NUMBER:**

**SECTION:**



**RESPONSIBLE PERSON:**


 



**FR02**

**300mm x 900mm**



**1225mm x 850mm** **FR03**



**FIRE EXTINGUISHER NUMBER:**

**SECTION:**


**RESPONSIBLE PERSON:**



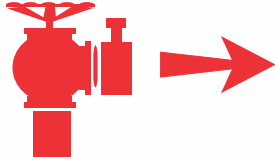
 

**FR04**



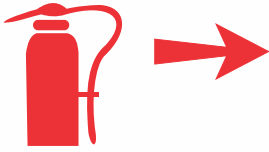
**580mm x 580mm** **FR05**

**FIRE SPRAY VALVE**

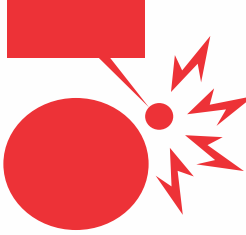


**580mm x 580mm** **FR06**

**FIRE EXTINGUISHER**



**440mm x 440mm** **FR07**





# FIRE RELATED

**1230mm x 1200mm** **FR08**

SECTION:  RESPONSIBLE PERSON:

↓

**FIRE EMERGENCY TEL NO**

**1000mm x 1000mm** **FR09**

## FIRE DRILL FOR BATTERY BAY

WHEN THERE IS A FIRE  
SKATI YENA KNONA LO MLILO

- 1** SWITCH OFF POWER  
CIMA LO GES
- 2** CLOSE CHARGE BAY DOORS  
VALA LO MASVALO KA LO CHARGE BAY
- 3** OPEN THE WATER  
VULA LO MANZI
- 4** REPORT TO OFFICIAL AND CALL 5666 CONTROL ROOM  
RIPOTELA LO OFFICIAL AND FOUNA 5666 LAPHA CONTROL ROOM

A  
BOX

CHARGE BAY  
FIRE DOOR  
FIRE DOOR

CALL 5666

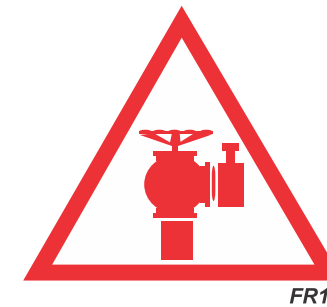
**600mm x 500mm** **FR10**

### FIRE HYDRANT

PRESSURE:

DATE:

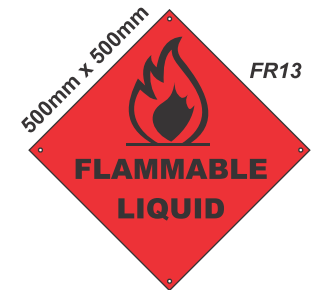
SIGNATURE:



**300mm x 360mm** **FR11**

FIRE ALARM

BRANDALARM



**500mm x 500mm** **FR14**

**FIRE EXTINGUISHER NUMBER:**

**SECTION:**

**RESPONSIBLE PERSON:**

↓

**500mm x 500mm** **FR15**

↓

**FIRE HYDRANT NO:**

**440mm x 440mm** **FR16**

FIRE EXTINGUISHER

**350mm x 350mm** **FR17**

↓

**FIRE EXTINGUISHER NO:**

**600mm x 600mm** **FR18**



# FIRE RELATED

**100mm x 100mm** **FR19**

## MONTHLY INSPECTION FIRE EXTINGUISHERS

MONTH	DATE	EXAMINED BY
JAN		
FEB		
MAR		
APRIL		
MAY		
JUNE		
JULY		
AUG		
SEPT		
OCT		
NOV		
DEC		

**180mm x 95mm** **FR20**

### FIRE EXTINGUISHER CHECK LIST HYDRANT VALVE CHECK LIST HOSE REEL CHECK LIST

20 \_\_\_\_\_

1. SEAL IN ORDER
2. LOCATION
3. CORRECT TYPE HOSE CONDITION
4. ACCESSIBILITY
5. CORROSION
6. DAMAGE
7. PAINTWORK
8. IDENTIFICATION
9. SIGNS
10. PRESSURE GAUGE

INSPECTOR SIGNATURE

INSPECTOR SIGNATURE
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER

**160mm x 80mm** **FR21**

### FIRE HYDRANT / REEL INSPECTION CHECK LIST

20 \_\_\_\_\_

1. Seal in order
2. Location
3. Correct type hose connection
4. Accessibility
5. Corrosion
6. Damage
7. Paintwork
8. Identification
9. Signs
10. Pressure gauge

DATE	HYDR. NO	INSPECTED BY	SIGN
JAN			
FEB			
MAR			
APRIL			
MAY			
JUNE			
JULY			
AUG			
SEPT			
NOV			
DEC			



**450mm x 450mm** **FR23**

## FIRE HYDRANT

PRESSURE

DATE

SIGNATURE

**1000mm x 900mm** **FR24**

**Murray & Roberts** **K6**

### PROCEDURE IN CASE OF FIRE IN ELECTRICAL SUBSTATION

1. NOTIFY CONTROL OFFICER.
2. NOTIFY NEAREST FIRE BRIGADE.
3. ISOLATE ELECTRICAL APPARATUS CONCERNED OR ENTIRE SUBSTATION IF NECESSARY.
4. USE FIRE-FIGHTING EQUIPMENT TO BEST ADVANTAGE. (CO<sup>2</sup> FIRE EXTINGUISHER)
5. WATER OR FOAM MUST NEVER BE USED ON LIVE APPARATUS.
6. DO NOT TAKE RISKS.
7. THE POWER MUST NOT BE PUT ON UNTIL AUTHORITY TO DO SO HAS BEEN GIVEN BY THE ELECTRICIAN IN CHARGE.

### PROSEDURE IN GEVAL VAN VUUR IN ELEKTRIESE SUBSTASIE

1. STEL BEHEERBEAMPTRE IN KENNIS.
2. STEL NAASTE BRANDWEERSTASIE IN KENNIS.
3. SONDER DIE BETROKKE ELEKTRIESE APPARAAT AF OF INDIEN NODIG, DIE SUBSTASIE IN GEHEEL.
4. GEBRUIK BRANDTOERUSTING SO VOORDIELIG MOONTLIK. (CO<sup>2</sup> BRAND-BLUSSER)
5. WATER OF SKUIM MAG NOOIT OP LEWENDIGE APPARAAT GEBRUIK WORD NIE.
6. MOET NIKS WAAG NIE.
7. DIE KRAG MOET NIE WEER AANGESKAKEL WORD VOORDAT MAGTIGING OM DIT TE DOEN DEUR DIE ELEKTRISIEN IN BEVEL GEGEE IS NIE.

**1000mm x 900mm** **FR25**

**Murray & Roberts** **K6**

### PROCEDURE IN CASE OF FIRE

No. 1 ONLY APPLIES TO OPERATING STAFF.

1. IMMEDIATELY NOTIFY THE SHIFT ELECTRICIAN.
2. THE RESPONSIBLE PERSON (FOREMAN OR SHIFT ELECTRICIAN) MUST SATISFY HIMSELF THAT THE POWER HAS BEEN CUT OFF, AND THEN IMMEDIATELY PUT INTO USE THE CO<sup>2</sup> FIRE EXTINGUISHER.

WATER MUST NOT BE USED.

SHOULD ONE EXTINGUISHER NOT QUENCH THE FIRE COMPLETELY OTHERS MUST BE TAKEN FROM THE SUB-STATIONS. THE POWER MUST NOT BE PUT ON UNTIL AUTHORITY TO DO SO HAS BEEN GIVEN BY THE FOREMAN ELECTRICIAN.

### PROSEDURE IN GEVALLE VAN BRAND

No. 1 SLEGS OP BEDRYFSPERSONEEL VAN TOEPASSING

1. STEL DIE SKOF-ELEKTRISIEN ONMIDDELIK IN KENNIS
2. DIE VERANTWOORDELIKE PERSOON (VOORMAN OF SKOF-ELEKTRISIEN) MOET HONSELF OORTUIG DAT DIE KRAG AFGESKAKEL IS. DAARNA MOET HY DIE CO<sup>2</sup> BRANDBLUSERS ONMIDDELIK GEBRUIK.

WATER MOET NOOIT GEBRUIK WORD NIE.

AS EEN BLUSSER DIE BRAND NIE HEELTEMAL SMOOR NIE, MOET ANDER VAN DIE ANDER SUBSTASIES GENEEM WORD. DIE KRAG MOET NIE WEER AANGESKAKEL WORD VOORDAT MAGTIGING OM DIT TE DOEN, DEUR DIE VOORMAN-ELEKTRISIEN GEGEE IS NIE.





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TRADING & PROJECTS

# FIRST AID SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# FIRST AID

1200mm x 1200mm

FA01

## COMBINED FIRST AID TREATMENT

### FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
3. IF PATIENT IS BREATHING: MAKE PATIENT COMFORTABLE AND KEEP HIM AT NORMAL BODY TEMPERATURE. COVER HIM WITH BLANKETS OR COATS ONLY IF HE IS COLD.
4. IF PATIENT IS NOT BREATHING: PERFORM RESCUE BREATHING AT ONCE!



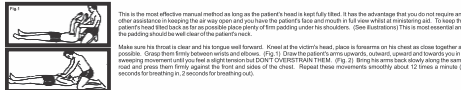
Place the victim on his back and begin rescue breathing. Your first breathing efforts will show if his air passages are blocked, and if they are clear, will provide the urgently needed oxygen. If this is blocked, clear it quickly with your finger. Steps to follow: the standard technique should always be used. Rescue breathing through the patient's nose is possible if he is unconscious. If he is conscious, he will likely be forced all into his stomach. If he is not likely to breathe through his mouth, you may be able to breathe through his nose, while you are using another hand to lift his chin. Release his lungs again as soon as he has breathed out.

Then blow until you see his chest rise. If you are rescue breathing through his mouth, seal your lips round his open mouth. Breathe through the mouth with your chest (Fig 5) or gripping them with your fingers to prevent air leakage.

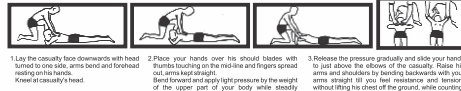
Make the First Aid 5:10 breaths deep and rapid. Then continue with 10 to 15 breaths a minute. When the victim begins to breathe for himself keep your breathing in time with his efforts.

IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED. APPLY MANUAL METHODS OR RESCUE RESPIRATOR.

#### SYLVESTER BROSCHE METHOD OF ARTIFICIAL RESPIRATION:



#### NELSON'S METHOD OF ARTIFICIAL RESPIRATION:



5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE. APPLY STERILISED DRESSING TO WOUNDS.

### FIRST AID ON DROWNING

When a person is taken out of the water and is unconscious and not breathing, do not waste time trying to get the water out of the persons lungs and stomach, or trying to find a better location to resuscitate the person. EVERY SECOND COUNTS!



Open the airway by tilting the head back and checking if there is any obstruction like blood, etc.

Close the patient's nostrils and seal your mouth over his and give 4 - 5 quick breaths. For a child cover the nose and mouth). Remove your mouth and inhalation will be automatic.

Check the carotid pulse in the neck. Even if you spend a couple of seconds feeling for the pulse, it is worth it. If you cannot feel a pulse, start CPR again.

Keep up this procedure until medical assistance is available. Even if you think you are wasting your time. Remember the patient has water in the lungs and that you are helping along the work of the lungs which has lost some of its function.

When consciousness returns with normal breathing you should refer to the consciousness recovery section of the patient is removed to a hospital. The patient must be watched for 12 hours after the incident for delayed collapse and "secondary drowning". This is caused by the water in the lungs. Transport the patient to hospital immediately.

### TREATMENT OF GASSING

1. TURN ON THE COMPRESSED AIR AND VENTILATION AT ONCE and keep it on.
2. DO NOT ENTER THE DANGER ZONE ALONE. Make no attempt at rescue until the foul air has been thoroughly blown out, unless the rescue gang wear oxygen breathing apparatus. No rescue party should consist of less than three.
3. REMOVE THE AFFECTED MAN TO THE NEAREST FRESH AIR AT ONCE.
4. NOTIFY A RESPONSIBLE NINE OFFICIAL AT ONCE.
5. IF BREATHING HAS CEASED, OR IS IRREGULAR:
  - A) PERFORM ARTIFICIAL RESPIRATION as soon as the patient is in fresh air. Any delay may cause death.
  - B) ADMINISTER OXYGEN FROM THE CYLINDER IF POSSIBLE.
6. IF THE PATIENT IS UNCONSCIOUS, but breathing regularly, cover him up lightly with a dry blanket and administer oxygen until he comes round, or for at least half-an-hour before moving him. On no account throw water on him.
7. IF THE PATIENT IS CONSCIOUS, keep him warm and get him up to the surface as soon as possible.
8. ALL CASES OF GASSING - no matter how slight, must be reported to the Medical Officer. Do not allow a gassed person to walk. Carry him on a stretcher.
9. REMEMBER THAT GASSING SYMPTOMS MAY BE VERY SLIGHT AT FIRST. THE DANGER SIGNALS ARE: IRRITATION OF EYES, NOSE AND THROAT; TIGHT FEELING ACROSS THE CHEST OR HEADACHE.

THESE ARE DANGER SIGNALS ALL CASES OF UNCONSCIOUSNESS

IF PATIENT IS UNCONSCIOUS BUT BREATHS REGULARLY he must be treated for drownings with a blanket pad under the chest AND HIS HEAD BRACED WELL BACKWARDS with his jaw in a forward position. This will help the patient breathe freely. He must also be transported in this position.

### KANJANI LO FESTEIT YENA SAPOTA LO SIGULAN LO YENA BANJIWILWE KALO SMOK KALO JALATIN

1. VULA LO SMOK KOMPRES KALO FANTRESHEN WAN SKAT.
2. AYIKHONA NGENA LAPHA NDAWO YENA KHONA LO SMOK WENA KU PHELIA. Ayikhona tresha ku ngema tu zonke lo smok yena phaphile yena. Lo span kalo milo yena azo ngema gopoke lo mpahla kalo vimbela lo smok. Lo span ka lo milo yena erpa phezuu kalo ti.
3. KHIPHA LO MUNTU YENA BANJIWILWE KALO SMOK HAMBISA YENA LAPHA YENA KHONA MUKLE MOYA.
4. REPOTA LAPHA KA MPHATHI KA YENA WAN SKAT.
5. SKATI LO SIGULAN YENA AYI PHEFUMULA KAHLE (A) NIKA YENA LO SHOK MOYA lapha ka lo ndawo yena khona mutle moya. Ku kula ka siza sigulan yena fa.
6. SKATI LO SIGULAN AZHIO LO NGONDO kodwa yena phefumula nika lo oksijen tu lo nokonya yena fika, noko haf awar moya kalo khigya yena. Ayikhona faka lo sigulan lo munt.
7. SKATI LO SIGULAN YENA PHEFUMULA FUTH YENA KHONA NONGDO. Isenzela khigya yena hambisa yena sifa.
8. ZONKE NGOZI KALO SMOK rapeta yena lapha mungu ka lo pikhini sibedeli. Noko yena pikini smok. Ayikha vambela lo munt yena banjiwe kalo smok yena hambisa ka lo ngayaku ka yena. Fasa yena lapha sifa.
9. KHUMBULA KAHLE, LO SMOK YENA ENZA PIKINI SKATI WENA GALA BUKA LO MUNTU YENA BANJIWILWE KALO SIGULAN, LO MHELO, YENA TSHISA NALO, MPUMULO MALO MALO, SIFUBA YENA TSHISA NALO SKOP.

1200mm x 1200mm

## COMBINED FIRST AID TREATMENT

### DROWNING TREATMENT

1. Start artificial respiration IMMEDIATELY. Mouth to nose method can be done even before the patient is out of the water. Do not waste time trying to empty water from the patient's lungs, loosen clothing etc.
2. When on dry land turn patient on to face and carry on with Holger Nielsen method of artificial respiration.
3. Only in the stage remove wet clothing and keep patient warm.

NOTE: A VICTIM MAY BE REVIVED EVEN AFTER TOTAL IMMERSION OF 10 - 12 MINUTES.

### KU KHAMIIWA KALO MANZI

1. Qala nika yena lo ku phefumula yena kalo milomo wena futhela lo moya lapha mpumulo noko lapha muntlo lo mthetho yena. Ayi khona motha skati ka lo ku khigya lo mntu lapha ka lo sigulan noko lo ku kula lo mpahla yena qhile.
2. Lo sigulan wena khighe lapha manzi nika yena moya - vimbela lapha mpumulo noko lapha muntlo lo mthetho yena emila zaba lo sigulan kalo mutle kalo mthetho futhi phefumula yena.
3. Skati lo sigulan yena bethe khigya lo mpahla lo yena mntu lapha ka yena manzi lo sigulan yena lapha ndawo yena lapha.

KHUMBULA: LO SIGULAN YENA AZI PHILA FUTHI NOKO YENA KHONA LAPHA MANZI LO - 12 MINETS.

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### HEATSTROKE AND HEAT EXHAUSTION

- SYMPTOMS**
- ONE OR MORE OF THE FOLLOWING SYMPTOMS MAY BE EXHIBITED:
- \* Skin usually dry, always hot to the touch even though sweating may still occur.
  - \* Quarrisome, violent, hysterical running about - the patient may act as if he is insane.
  - \* Spasms of the limb muscles like shivering, is usually not mistaken for a "fit".
  - \* Vacant staring of the eyes - the pupils are dilated.
  - \* Loss of control over bladder and bowels.
  - \* Collapse and unconsciousness.

REMEMBER - when in doubt treat as heat stroke, i.e. promptly cool the patient with water and compressed air.

### TREATMENT

1. ASPHYXIA
  - If patient is not breathing do artificial respiration.
2. CARDIAC ARREST
  - If the heart is not beating do EXTERNAL HEART MESSAGE plus ARTIFICIAL RESPIRATION.
3. BURNS AND OTHER INJURIES
  - Apply sterilised dressings and splints if necessary.

### MTSHISO NALO KU BAM BIWA KALO MTSHISO

- LO SIGULAN YENA KANJANI**
- WAN NOKO MANNI MZEKELO YENA SI BONAKLA LAPHA KO LO SIGULAN
- \* Bkhomba yena oma, murye skathi yena juluka - lo motshisa yena lapha sifa.
  - \* Gabana, tshetsha kweta, baekala, lo sigulan yena fanana nalo muntlo yena hlanga.
  - \* Mzimba shuhuma fana nalo muntlo yena tholle maning mabasa. Ayi khona gwanaga lo sigulan yena tholle si shuthwane.
  - \* Vulle lo mheho ayikona gwanaganya.
  - \* Yena ayi khona kwela lo siza kalo mphanano.
  - \* Ku iwa futhi azikho ngondo.

KHUMBULA - skathi wena ayi qonda khalo noko lo sigulan yena bambisa kalo mabasa faka yena lo mabasa manzi nalo mabasa moya khompasa.

### NDLELA KALO KU SIZA

- \* Qala siza lo sigulan wan siza - biza lo bokobela.
- \* Khigya zonke mpahla kalo sigulan - lalisa yena phansi.
- \* Faka lo sigulan lo manzi kalo jopisa lo sanda kahle, lapha muntlo kalo sigulan. Senzela lo manzi kahle ayikona faka lo manzi lo yena phuma streit lapha kalo mntambo kalo manzi.
- \* Vuthela yena kalo smok kalo kompresa yena emile war mthela ka siza lapha sigulan. Enzela ku faka yena lo manzi; skati lo sigulan lo skumbaya yena phuma lo ngema tu lo smok.
- \* Nika yena lo manzi ka lo phusa skati lo sigulan yena phansi.
- \* Enza lo behok moya lapha sigulan skati yena ayikhona phansi.
- \* Phisa totu lo muntlo lo yena fundile lo fe se ityena fika, noko tu awar yena philla.
- \* Muzo tu awar kalo phidisa; fasa sigulan lapha ka lo stretcher, vale kalo ngobo, hambisa yena sibedeli.

### ELECTRICAL ACCIDENTS

- INSTRUCTIONS**
1. Do not touch victim with bare hands whilst he is in contact with live wire.
  2. Break electrical contact:
    - A) Switch off current if possible
    - B) Adequately insulate yourself by standing on dry wood or a thick folded coat.
  3. Then, using a dry rope, belt or stick, pull live wire from victim or drag victim away from the wire.
  4. Send for medical assistance

### TREATMENT

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### FESEIT MTHETHO KALO NGOZI KALO GAS

- MTHETHO**
1. Ayikhona bambisa lo muntlo yena bambisa kalo gas lo shati lo gase yena omile.
  2. Bhalala noko cim lo gas.
  3. Kuthi na wena lo gas yena ayi bambisa wena lapha ka lo thimba lo gase omile.
  4. Biza lo mungu ka lo pikhini sibedeli.

### TREATMENT

1. PHEFUMULA
  - Lo sigulan yena ayikha phefumula - phefumula yena.
2. LO NTLIZIYO YENA EMILE
  - Raba lo sigulan kalo mutle kalo ntizelo nalo ku phefumula yena.
3. LO SIGULAN YENA TSHILE FUTHI YENA KHONA NALO MANKABA
  - Faka lo sigulan ka lo feseli dresing bandaj futhi sapota yena kalo mphanani.

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  - \* Ku iwa futhi azikho ngondo.
  - \* KHUMBULA - skathi wena ayi qonda khalo noko lo sigulan yena bambisa kalo mabasa faka yena lo mabasa manzi nalo mabasa moya khompasa.

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# FIRST AID

## 1200mm x 2450mm FA03 COMBINED FIRST AID TREATMENT

### FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
3. IF PATIENT IS BREATHING: MAKE PATIENT COMFORTABLE AND KEEP HIM AT NORMAL BODY TEMPERATURE. COVER HIM WITH BLANKETS OR COATS ONLY IF HE IS COLD.
4. IF PATIENT IS NOT BREATHING: PERFORM RESCUE BREATHING AT ONCE!



Place the victim on the back and begin rescue breathing. Your first blowing efforts will blow air into the passages are blocked and if they are clear, will provide the oxygen needed again. If the throat is blocked, cover a casualty with your finger. Repeat the procedure (three times).

Dislodge a stubborn blockage. Rescue breathing through the patient's nose is less likely to force air into his stomach. If nose is blocked, try rescue breathing through the mouth.

Then blow until you see his chest rise. If you see rescue breathing through the mouth, use your lips over the patient's mouth, blocking the nostrils with your thumb (Fig. 3) or pinching them off with your fingers (Fig. 4).

Make the first 5-10 breathes deep and rapid. Then continue with 10 or 15 breathes a minute. When the patient begins to breathe by himself, stop rescue breathing. If there will be any further breathing, it will be done by the victim's own efforts.

IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED, APPLY MANUAL METHOD OR RESCUE RESUSCITATION.

#### SYLVESTER BROSCH METHOD OF ARTIFICIAL RESPIRATION:

This is the most effective manual method as long as the patient's head is kept fully tilted. It has the advantage that you do not require any other assistance in keeping his air way open and you have the patient's back and mouth in full view while all resuscitating. To keep the patient's head tilted back as far as possible place plenty of padding under his shoulders. (See illustration.) This is most essential and the padding should be well over the patient's neck.

Make sure the throat is clear and the tongue well forward. Kneel at the victim's head, place a forearm on his chest to close together as possible. Grasp them firmly between wrist and elbow. (Fig. 2) Draw the patient's arms upward, outward, upward and downward in a sweeping movement until you feel a slight tension but DON'T OVERSTRAIN THEM. (Fig. 2) Bring his arms back slowly along the same road and press them firmly against the front and sides of the chest. Repeat these movements smoothly about 12 times a minute (3 seconds for breathing in, 2 seconds for breathing out).

#### NELSON'S METHOD OF ARTIFICIAL RESPIRATION:

1. Lay the casualty face downwards with head turned to one side, arms bent and forehead resting on his hands. Kneel at casualty's head.

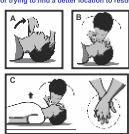
2. Place your hands over his shoulder blades with thumbs touching on the midline and fingers spread out, arms bent and apply light pressure by the weight of the upper part of your body while steadily counting ONE, TWO IN 2-5 seconds.

3. Release the pressure gradually and slide your hands to just above the shoulders of the casualty. Relax the arms and shoulders by bending backwards with your arms straight if you feel resistance and tension, without lifting his chest off the ground, while counting, THREE, FOUR IN 2-5 seconds. Relax and repeat cycle 10 - 12 times per minute.

5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE. APPLY STERILISED DRESSING TO WOUNDS.

### FIRST AID ON DROWNING

When a person is taken out of the water and is unconscious and not breathing, do not waste time trying to get the water out of the person's lungs and stomach, or trying to find a better location to resuscitate the person. EVERY SECOND COUNTS!



**TREATMENT (WHAT TO DO)**

A. Close the airway by tilting the head back and checking if there is any obstruction like blood, etc.

B. Close the patient's nostrils and seal your mouth over his and give 4 - 5 quick breaths. (For a child cover the nose and mouth). Remove your mouth and exhalation will be automatic.

C. Check the carotid pulse in the neck. Even if you cannot find a couple of seconds feeling for the pulse, it is worth it. If you cannot feel a pulse, check CPR again.

Keep the person's mouth and nostrils covered as possible. Even if you find you are unable to do this, remember the patient has to be kept on the back and the mouth and nostrils covered as possible. If you cannot do this, remember the patient has to be kept on the back and the mouth and nostrils covered as possible. If you cannot do this, remember the patient has to be kept on the back and the mouth and nostrils covered as possible.

### TREATMENT OF GASSING

1. TURN ON THE COMPRESSED AIR AND VENTILATION AT ONCE and keep it on.
2. DO NOT ENTER THE DANGER ZONE ALONE. Make no attempt at rescue until the foul air has been thoroughly blown out, unless the rescue gang wears oxygen breathing apparatus. No rescue party should consist of less than three.
3. REMOVE THE AFFECTED MAN TO THE NEAREST FRESH AIR AT ONCE.
4. NOTIFY A RESPONSIBLE MINE OFFICIAL AT ONCE.
5. IF BREATHING HAS CEASED OR IS IRREGULAR:
  - A) PERFORM ARTIFICIAL RESPIRATION as soon as the patient is in fresh air. Any delay may cause death.
  - B) ADMINISTER OXYGEN FROM THE CYLINDER IF POSSIBLE.
6. IF THE PATIENT IS UNCONSCIOUS, but breathing regularly, cover him or lightly with a dry blanket and administer oxygen until he comes round, or for at least half-an-hour before moving him. On no account throw water on him.
7. IF THE PATIENT IS CONSCIOUS, keep him warm and get him up to the surface as soon as possible.
8. ALL CASES OF GASSING - no matter how slight, must be reported to the Medical Officer. Do not allow a gassed person to walk. Carry him on a stretcher.
9. REMEMBER THAT GASSING SYMPTOMS MAY BE VERY SLIGHT AT FIRST. THE DANGER SIGNALS ARE: IRRITATION OF EYES, NOSE AND THROAT; TIGHT FEELING ACROSS THE CHEST OR HEADACHE.

### HEATSTROKE AND HEAT EXHAUSTION

**SYMPTOMS**

ONE OR MORE OF THE FOLLOWING SYMPTOMS MAY BE EXHIBITED:

- Skin usually dry, always hot to the touch even though sweating may still occur.
- Quivering, violent, hysterical running about - the patient may act as if he is insane.
- Spasms of the limb muscles like shivering - this may be mistaken for "fit".
- Violent staring of the eyes - the pupils are dilated.
- Loss of control over bladder and bowels.
- Collapse and unconsciousness.

**REMEMBER** - when in doubt treat as for heat stroke, i.e. promptly cool the patient with water and compressed air.

**TREATMENT**

Start treatment immediately and send for a shift boss, mine captain or ambulance officer.

Remove all the patient's clothing, keep his naked body wet with water and blow compressed air over him from a distance of 1 meter.

Continue cooling until trained help arrives or until two hours have elapsed.

Give artificial respiration if breathing fails.

After two hours of continuous cooling, or when directed by the official who has taken charge, the patient should be placed on a stretcher, covered lightly with a blanket and taken to hospital.

### KANJANI LO FESTEIT YENA SAPOTA LO SIGULAN LO YENA BANJILWWE KALO SMOK KALO JALATIN

1. YOLA LO SMOK KOMPRES NALO FANTHEIHEIN WAN SKAT.
2. AYIKHONA KENA LAPHA NDHAW YENA KHONA LO SMOK WENA KU PHELA. Ayikhona trambha ku ngana tat zonko lo smok yana phaphaphi yana. Lo span kolo mola yana ani ngana apoteke lo mabha nabo vimbho lo smok. Lo span ka lo molo yana ngana phaphaphi kolo mola.
3. KHOPHA LO MUNTU YENA BANJILWE KALO SMOK HAMBISA YENA LAPHA YENA KHONA MUHE MOYA.
4. RESOTLA LAPHA BANJILWE KA WENA WAN SKAT.
5. SKATI LO SIGULAN YENA AYI PHEFUMOLA KAHLA.
6. (A) NIKA YENA LO SMOK MOYA ngana ka lo mabha yana khona mulla moyo. Ku lala ku siza sigulan yana ka.
7. (B) NIKA YENA LO SMOK MOYA ngana ka lo mabha yana khona mulla moyo. Ku lala ku siza sigulan yana ka.
8. NIKA YENA LO SMOK MOYA ngana ka lo mabha yana khona mulla moyo. Ku lala ku siza sigulan yana ka.
9. NIKA YENA LO SMOK MOYA ngana ka lo mabha yana khona mulla moyo. Ku lala ku siza sigulan yana ka.
10. NIKA YENA LO SMOK MOYA ngana ka lo mabha yana khona mulla moyo. Ku lala ku siza sigulan yana ka.
11. NIKA YENA LO SMOK MOYA ngana ka lo mabha yana khona mulla moyo. Ku lala ku siza sigulan yana ka.
12. NIKA YENA LO SMOK MOYA ngana ka lo mabha yana khona mulla moyo. Ku lala ku siza sigulan yana ka.

### MTSHISO NALO KU BAM BIWA KALO MTSHISO

**LO SIGULAN YENA KANJANI**

WAN NOKO MANING MZEKULO YENA SI BONAKA LAPHA KALO LO SIGULAN

- Skhombisa yana omu, mune skathi yana juluka - lo mabha yana lishisa shaka.
- Qabana, lishisa kwata, baka, lo sigulan yana fanana nalo muntu yana honyo.
- Mamba shukuma fanana nalo muntu yana tholie maning makhasa. Ayi khona kamanga lo sigulan yana tholie lo thothwane.
- Vullie lo mehlo ayikona ghwanyaza.
- Yana ayi khona trambha lo siza nalo mabha.
- Ku lala futu zakho ngodoto.

**KHUMBULA** - skathi wena ayi ngona kaho noko lo sigulan yana hambisa kolo mabha faka yana lo makhasa man nalo mabha moyo kompresa.

**NDILELA KALO KU SIZA**

- Qoka siza lo sigulan wena shak - nize lo dakolela.
- Khopha zonke mabha kolo sigulan - lalisa yana phani.
- Fata lo sigulan lo mabha kolo ngana lo siza nalo mabha, lapha mabha kolo sigulan. Sebentisa lo mabha kolo ngana kolo mabha lo mabha lo yana phama smat lapha kolo mabha nalo mabha.
- Vuthela yana kolo smok kolo kompresa wena smile wan mibha ku saka lapha sigulan. Enzisa ku faka ngana lo mabha kolo sigulan lo smok kolo ngodoto.
- Enza lo tshoko moyo lapha sigulan skati yana ayikona phaphaphi.
- Phaka tat lo muntu lo yana lantisa lo fat titi yana fika, noko tho sevan yana phaphi.
- Maza tho awer kolo sigulan - fasa sigulan lapha ka lo stretcher, vula kolo ngobo, hambisa yana shibellet.

## 1200mm x 1200mm FA04 FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
3. IF PATIENT IS BREATHING: MAKE PATIENT COMFORTABLE AND KEEP HIM AT NORMAL BODY TEMPERATURE. COVER HIM WITH BLANKETS OR COATS ONLY IF HE IS COLD.
4. IF PATIENT IS NOT BREATHING: PERFORM RESCUE BREATHING AT ONCE!



Place the victim on his back and begin rescue breathing. Your first blowing efforts will show if his air passages are blocked and, if they are clear, will provide the oxygen needed again. If the throat is blocked, clear it quickly with your finger. Slaps between the shoulder blades should dislodge a stubborn blockage.

Rescue breathing through the patient's nose is less likely to force air into his stomach. If his nose is blocked, try rescue breathing through his mouth.

Then blow until you see his chest rise. If you are rescue breathing through his mouth, seal your lips round his opened mouth, blocking his nostrils with your cheek (fig 4) or pinching them off with your fingers to prevent air leakage.

Rescue breathing through the patient's nose is less likely to force air into his stomach. If his nose is blocked, try rescue breathing through his mouth.

Make the first 5-10 breathes deep and rapid. Then continue with 10 or 15 breathes a minute. When he starts trying to breathe for himself keep your breath in time with his efforts.

Rescue breathing through the patient's nose is less likely to force air into his stomach. If his nose is blocked, try rescue breathing through his mouth.

### IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED. APPLY MANUAL METHODS OR RESCUE RESUSCITATION

#### SYLVESTER BROSCH METHOD OF ARTIFICIAL RESPIRATION:



This is the most effective manual method as long as the patient's head is kept fully tilted. It has the advantage that you do not require any other assistance in keeping the air way open and you have the patient's face and mouth in full view whilst at ministering aid. To keep the patient's head tilted back as far as possible place plenty of firm padding under his shoulders. (See illustrations.) This is most essential and the padding should be well clear of the patient's neck. Make sure his throat is clear and his tongue well forward. Kneel at the victim's head place his forearms on his chest a close together as possible. Grasp them firmly between wrist and elbows. (Fig. 1) Draw the patient's arms upwards, outward, upward and towards you in a sweeping movement until you feel a slight tension but DON'T OVERSTRAIN THEM. (Fig. 2) Bring his arms back slowly along the same road and press them firmly against the front and sides of the chest. Repeat these movements smoothly about 12 times a minute (3 seconds for breathing in, 2 seconds for breathing out).

#### NELSON'S METHOD OF ARTIFICIAL RESPIRATION:



1. Lay the casualty face downwards with head turned to one side, arms bent and forehead resting on his hands. Kneel at casualty's head.

2. Place your hands over his shoulder blades with thumbs touching on the mid-line and fingers spread out, arms kept straight. Bend forward and apply light pressure by the weight of the upper part of your body while steadily counting ONE, TWO IN 2-5 seconds.

3. Release the pressure gradually and slide your hands to just above the shoulders of the casualty. Raise his arms and shoulders by bending backwards with your arms straight till you feel resistance and tension, without lifting his chest off the ground, while counting, THREE, FOUR IN 2-5 seconds. Relax and repeat cycle 10 - 12 times per minute.

5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE. APPLY STERILISED DRESSING TO WOUNDS.

600mm x 600mm FA05

**FIRST AID EQUIPMENT**

→

450mm x 450mm FA06

**THE FIRST AID BOX IS KEPT AND IS IN CHARGE OF**

-----

**DIE EERSTE HULP KASSIE WORD GEHOU EN IS ONDER BEHEER VAN**

450mm x 450mm FA07

**FIRST AID BOX**

450mm x 450mm FA08

**FIRST AID BAY**



# FIRST AID

1200mm x 900mm

FA09

## FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
3. IF PATIENT IS BREATHING: MAKE PATIENT COMFORTABLE AND KEEP HIM AT NORMAL BODY TEMPERATURE. COVER HIM WITH BLANKETS OR COATS ONLY IF HE IS COOLD.
4. IF PATIENT IS NOT BREATHING: PERFORM RESCUE BREATHING AT ONCE!



Place the victim on his back and begin rescue breathing. Your first blowing efforts will show if his air passages are blocked and, if they are clear, will provide the urgently needed oxygen. If the stridor is blocked, clear it quickly with your finger. Slaps between the shoulder blades should dislodge a stubborn blockage.

Then blow until you see his chest rise. If you see rescue breathing through his mouth, seal your lips round his opened mouth. Blocking his nostrils with your cheek (Fig. 4) or pinching them off with your fingers to prevent air leakage.

Remove your mouth and listen to him breathing out through the mouth and nose part his lips. If you are breathing through his nose, while you are taking another breath (Fig. 5).

Rescue breathing through the patient's nose is best to force air into his stomach. If his nose is blocked, try rescue breathing through his mouth.

**IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED. APPLY MANUAL METHODS OR RESCUE RESUSCITATION**

### SYLVESTER BROSCHE METHOD OF ARTIFICIAL RESPIRATION:



This is the most effective manual method as long as the patient's head is kept fully tilted. It has the advantage that you do not require any other assistance in keeping the air way open and you have the patient's face and mouth in full view whilst at resuscitating aid. To keep the patient's head tilted back as far as possible place plenty of firm padding under his shoulders. (See illustrations) This is most essential and the padding should be well clear of the patient's neck. Make sure his throat is clear and his tongue well forward. Kneel at the victim's head place a forearm on his chest a close together as possible. Grasp them firmly between wrist and elbow. (Fig. 1) Draw the patient's arms upwards, outward, upward and towards you in a sweeping movement until you feel a slight tension but DO NOT OVERSTRAIN THEM. (Fig. 2) Bring his arms back slowly along the same road and press them firmly against the front and sides of the chest. Repeat these movements smoothly about 12 times a minute (3 seconds for breathing in, 2 seconds for breathing out).

### NELSON'S METHOD OF ARTIFICIAL RESPIRATION:



1. Lay the casualty face downwards with head turned to one side, arms bent and forehead resting on his hands. Kneel at casualty's head.



2. Place your hands over his shoulder blades with thumbs touching on the mid-line and fingers spread out, arms kept straight. Bend forward and apply light pressure by the weight of the upper part of your body while steadily counting ONE, TWO IN 2-5 seconds.



3. Release the pressure gradually and slide your hands to just above the elbows of the casualty. Raise his arms and shoulders by bending backwards with your arms straight till you feel resistance and tension, without lifting his chest off the ground, while counting THREE, FOUR IN 2-5 seconds. Relax and repeat cycle 10-12 times per minute.

**5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE. APPLY STERILISED DRESSING TO WOUNDS.**

## NOODHULP IN DIE GEVAL VAN ELEKTRIESE SKOK

1. SORC DAT DIE PASIËNT WEG VAN LEWENDIGE APPARAAT OF GELEIERS IS.
2. ONTBIET MEDIESE HULP AS DIT MOONTLIK IS.
3. AS DIE PASIËNT ASEMHAAL: SORC DAT PASIËNT GERIEFLIK IS EN HOU HOM BY NORMALE LIGGAAMSTEMPERATUUR. MAAK HOM NET MET KOMBERSE EN JASSE TOE AS HY KOULD IS.
4. AS DIE PASIËNT NIE ASEMHAAL NIE: PAS ONNIDDELIK DIE ASEMINBLAASMETODES VAN KUNSMATIGE ASEMHALING TOE.



Laat die pasiënt op sy rug lê en begin asem in blaas. U sekerste pogings om asem in te blaas, sal ontstaan as jy ligter oop of af naas hulke oop is, sal die broedersgele suurstof sy kringe bereik. As sy keel toe is, druk di jou met jou vingers oop. In hierdie kringe tussen die skouerblaaie behoort 'n lae optuiklike te verwyder.

As 'n bewustelose persoon met sy kop op sy bors lê, versper sy kringe sy keel en min of geen lug kan sy kringe bereik nie. Druk sy keel en bors by 'n heeltemal agteroor (afb. 1) halfpad agteroor is nie genoeg nie en hy sal misluk wanneer begin asemhaal. As dit nie gebeur nie, begin om lug in te blaas. Hou sy kop heeltemal agteroor met die keel verobere.

Neem jou mond weg en luster of ry die lug uitblaas so lank jy weer asemtrek. Maak sy lippe oop as jy deur die neus lug inblaas (afb. 5). Blaas weer lag in sy kringe in, sodra hy uitgeadem het.

Die inblaas van lug deur die pasiënt se neus sal waarskynlik minder lug in sy maag indring. Pas die mond-op-mond-metode toe as sy neus egter versloep is.

Die eerste 5 tot 10 keer moet die lug hard en kort na mekaar ingeblaas word. Gaan dan voort teen 'n tempo van 10 tot 15 keer per minuut. Wanneer hy self begin asemhaal, sorg dat jy net lug inblaas as hy self oop asem trek.

**INDIEN DIE INBLAASMETODE VANWEE GESIGSBEREING OF OM ANDER REDES NIE TOEGEPAS KAN WORD NIE, PROBEER DIE PASIËNT MET DIE HANDDRUKMETODES BYBRING.**

### SYLVESTER BROSCHE SE METODEDE VAN KUNSMATIGE ASEMHALING:



### NELSON SE METODEDE VAN KUNSMATIGE ASEMHALING:



**5. BRANDWONDE EN ANDER BESERINGS: MOENIE DIE BRANDWONDE VERBIND AS DIE PASIËNT GOU NA DIE HOSPITAAL TOE GEEKEM KAN WORD. SO NIE, BEDEK DIE WONDE MET VASELINE GAAS. GEBRUIK STERIELE VERBAND OP WOND.**

320mm x 320mm

FA11

## FIRST AID BURNING KIT



320mm x 640mm

FA12

## 12 SHAFT FIRST AID ROOM

600mm x 400mm

FA13



**EMERGENCY SHOWER AND EYE WASH IN CASE OF ACID SPILLAGE, WASH**

1000mm x 600mm

FA10



## FIRST AID ON DROWNING

When a person is taken out of the water and is unconscious and not breathing, do not waste time trying to get the water out of the person's lungs and stomach, or trying to find a better location to resuscitate the person. **EVERY SECOND COUNTS!**



### TREATMENT (WHAT TO DO)

Open the airway by tilting the head back and checking if there is any obstruction like blood, etc.

Close the patient's nostrils and seal your mouth over his and give 4-5 quick breaths. (For a child cover the nose and mouth) Remove your mouth and exhalation will be automatic.

Check the carotid pulse in the neck. Even if you spend a couple of seconds for the pulse, it is worth it.

If you cannot feel a pulse, start CPR again.

Keep up this procedure until medical assistance is available, even if you think you are wasting your time. Remember the patient has water in the lungs and that you are artificially doing the work of the lungs which have lost some of their function.

When consciousness returns with normal breathing place the patient in the unconscious recovery position until the patient is removed to a hospital. The patient must be watched for 12 hours after the incident for delayed collapse and "secondary drowning". This is caused by the water in the lungs. Transport the patient to hospital immediately.

600mm x 500mm

FA14

**1** Check for scene safety whenever you see a potential victim

**2** Tap and shout to determine responsiveness

**3** Activate the emergency response system (ie, call 9-1-1)

**4** Check for a carotid pulse for 5-10 seconds. If no pulse, bare the chest and begin compressions (Rate: 100 compressions/min; Depth: At least 2 inches)

**5** Open the airway with the head-tilt chin-lift maneuver

Note: If trauma is suspected, use the modified jaw thrust to open the airway

**6** Give two breaths while looking for chest rise

If a barrier device is not available, seal the nose and perform mouth-to-mouth

If a barrier device is available, ensure a good seal around the nose and mouth before ventilating

# FIRST AID



1200mm x 900mm

FA15

## CALL AN EMERGENCY NUMBER

ask for ambulance, stay with the injured person and resuscitate



**1 Check for danger**  
Ensure safety for yourself, bystanders and casualty. If safe, remove casualty from water as soon as possible.

**6 Prepare for resuscitation**  
Adults and children – tilt head backward. Place one hand on the forehead and use the other hand to lift the chin. Infants under 1 year – do not tilt head. Place one hand on the forehead and use the other hand to support the chin.



**2 Check response**  
Can you hear me? Open your eyes. What's your name? Squeeze my hand.

**7 Start breaths**  
Adults and children – seal nose and give 2 breaths into mouth. Infants under 1 year – give 2 breaths into mouth and nose. Watch for chest to rise.



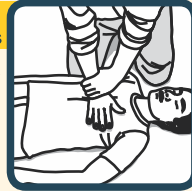
**3 Clear airway**  
If water or vomit is present in mouth, roll casualty on side, tilt face downwards and clear mouth with your fingers.

**8 Start compressions**  
Adults – place heel of hand in centre of chest. Place other hand on top of first. Children 1 – 8 years – place heel of hand in centre of chest. Infants under 1 year – place 2 fingers in centre of chest. Compress 1/3 depth of chest. Compress 30 times.



**4 Call triple zero (000)**  
Ask for an ambulance. Remain calm while answering the questions. Stay on phone until you are told to hang up.

**9 Repeat breaths & compressions**  
Repeat 2 breaths and 30 chest compressions. Continue until ambulance arrives or person regains consciousness or it becomes impossible for you to continue.



**5 Check for normal breathing**  
Look and feel for rising and falling chest. Listen and feel for breath sounds.

**10 Recovery**  
If injured person shows signs of recovery, roll onto side and check if they are breathing. Reassure the person and bystanders.



1200mm x 1100mm

FA16

## CARDIO PULMONARY RESUSCITATION (CPR)



**1 CHECK FOR DANGER**  
• Ensure safety for yourself, bystanders and casualty.  
• If safe, remove casualty from water as soon as possible.



**6 PREPARE FOR RESUSCITATION**  
• Tilt head backward.  
• Place one hand on the forehead and use the other hand to lift the chin.



**2 CHECK RESPONSE**  
• Can you hear me?  
• Open your eyes.  
• What's your name?  
• Squeeze my hand.



**7 START BREATHS**  
• Adults and children – seal nose and give 2 (two) breaths into mouth.  
• Listen for breath.  
• Watch for chest to rise.



**3 CLEAR AIRWAY**  
• If water or vomit is present in mouth, roll casualty on side, tilt face downwards and clear mouth with your fingers.



**8 START COMPRESSIONS**  
• Place heel of hand in centre of chest.  
• Place other hand on top of first.  
• Compress 1/3 depth of chest.  
• Compress 30 times.



**4 CALL FOR HELP**  
• Ask for an ambulance.  
• Remain calm while answering the questions.  
• Stay on phone until you are told to hang up.



**9 REPEAT BREATHS & COMPRESSIONS**  
• Repeat 2 breaths and 30 chest compressions.  
• Continue until:  
- ambulance arrives,  
- person regains consciousness or  
- becomes impossible to continue.



**5 CHECK FOR NORMAL BREATHING**  
• Look and feel for rising and falling chest.  
• Listen and feel for breath sounds.



**10 RECOVERY**  
• If injured person shows signs of recovery, roll onto side and check if they are breathing.  
• Reassure the person and bystanders.



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# GAS & CYLINDERS

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# GAS RELATED

770mm x 600mm GA01

## GAS STORE

### NO UNAUTHORIZED ENTRY

KEEP DOORS LOCKED

**FIRST AID**

- 1) Send for medical help.
- 2) Remove patient to a safe area.
- 3) Wear PPE (protect yourself).
- 4) Make patient comfortable.
- 5) Report incident and go to Medical Station immediately.

**IN CASE OF FIRE**

- 1) Immediately notify the responsible person.
- 2) Notify nearest fire brigade.
- 3) Water must not be used.
- 4) Use fire fighting equipment if possible.
- 5) Do not take any risks.

RESP. ENG.   
SECTION

FOREMAN   
ARTISAN

700mm x 500mm GA02

## GAS STORE

### NO UNAUTHORIZED ENTRY

KEEP DOORS LOCKED

RESPONSIBLE ENGINEER

FOREMAN

ARTISAN

SECTION

600mm x 400mm GA03

# BEWARE

**WARNING  
CARBON  
MONOXIDE**

**WARNING  
METHANE**

**NO  
OPEN  
FLAMES**

600mm x 400mm GA05

## OXYGEN FULL

600mm x 400mm GA06

## ACETYLENE FULL

600mm x 400mm GA07

## NITROGEN FULL

600mm x 400mm GA08

## LP GAS FULL

## OXYGEN EMPTY

## ACETYLENE EMPTY

## NITROGEN EMPTY

## LP GAS EMPTY

600mm x 500mm GA04

# DANGER

**CARBON MONOXIDE**

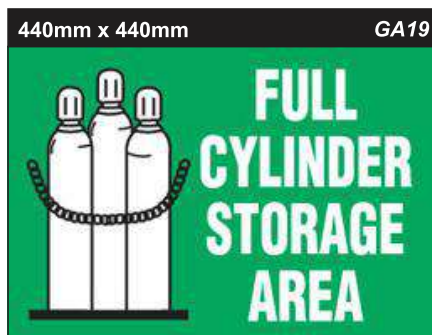
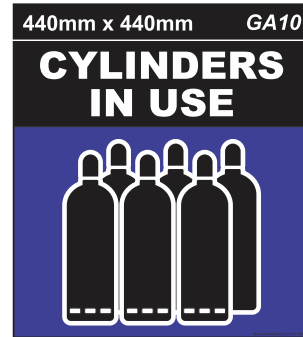
**METHANE**

**NO SMOKING**

**NO OPEN FLAME**



# GAS RELATED





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TRADING & PROJECTS

# GENERAL WARNING SIGNS

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# GENERAL WARNING

500mm x 500mm GW01

**UNAUTHORISED  
ENTRANCE  
PROHIBITED**  
**ONGEMAGTIGDE  
INGANG  
VERBODE**

290mm x 290mm GW02



**THIS MACHINERY  
START AUTOMATICALLY**

500mm x 500mm GW03

**NO  
UNAUTHORIZED  
PERSONS  
ALLOWED  
WORKING ON  
MACHINES**

450mm x 450mm GW04


**EAR  
PROTECTION  
MUST BE WORN**  
**OOOR  
BESKERMING  
MOET GEDRA  
WORD**

500mm x 500mm GW05

**NO  
UNAUTHORISED  
PERSON MAY  
OPERATE  
OVERHEAD  
CRANE**

500mm x 500mm GW06

**WORKED OUT AREA**  
**NO PERSONS ALLOWED  
BEYOND BARRICADE**



500mm x 500mm GW07

**RING  
FEEDER**

500mm x 500mm GW08

**MOTHER BOX**

LOCATION

No.

FED FROM  
MINISUB

BREAKER No.

600mm x 600mm GW09

**SLIPPERY WHEN WET  
GLAD WANNEER NAT**



110mm x 110mm GW10



**PASOPA LO GES**

110mm x 110mm GW11

**WARNING**  
**PROTECTIVE CLOTHING  
MUST BE WORN**  
**WAARSKUWING**  
**BESKERMEDE KLERE  
MOET GEDRA WORD**

110mm x 110mm GEW12

**HOU SILINDERS  
VASGEKETTING**



**KEEP CYLINDERS  
CHAINED**

500mm x 500mm GW13



**DO NOT START  
NIE AANSKAKEL  
UNGATINI**

290mm x 290mm GW14

**THESE UNITS STARTS  
AUTOMATICALLY**  
**HIERDIE EENHEDE  
SKAKEL  
OUTOMATIES AAN**  
**AYI BANBA ZONKE LO  
NASHUB KI YENA  
LO AUTOMATIC**

440mm x 440mm GW15



**MACHINERY START  
AUTOMATICALLY**  
**AYI BANBA ZONKE LO  
NASHUB KI YENA  
LO AUTOMATIC**

290mm x 290mm GW16

**NO DRINKING WATER**



**AIKONA PHUZA MANZI**

290mm x 290mm GW17

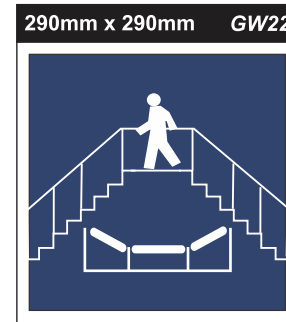
**BEWARE**  
**THIS MACHINE  
STARTS  
AUTOMATICALLY**  
**AYI BANBA ZONKE LO  
NASHUB KI YENA  
LO AUTOMATIC**

290mm x 290mm GW18

**CAUTION**  
**ONLY  
COMPETENT  
PERSON TO  
OPERATE  
MACHINE**



# GENERAL WARNING





# GENERAL WARNING



1200mm x 500mm GW43

<p><b>WAARSKUWING</b> DIE HERSTEL, VERSTEL, TOETSING, NAGAAN, SKOONMAAK OF SMERING VAN BEWEGENDE MASJINERIE SAL NIE ONDERNEEM WORD NIE DEUR ENIGE PERSOON NIE SLEGS 'N BEVOEGDE PERSOON SAL AS DAAR 'N GEVAAR VAN PERSOONLIKE BESEERING IS.</p> <p><b>WARNING</b> THE REPAIRING, ADJUSTING, TESTING, EXAMINING, CLEANING OR LUBRICATING OF MACHINERY IN MOTION SHALL NOT BE UNDERTAKEN BY ANY PERSON OTHER THAN A COMPETENT PERSON WHERE THERE IS A RISK OF PERSONAL INJURY.</p>	<p><b>DANGER</b> LOOSE CLOTHING MUST NOT BE WORN NEAR MACHINERY. <b>GEVAAR</b> LOS KLERE MAG NIE NABY. MASJINERIE GEDRA WORD NIE <b>INGOZI</b> AYIKONA GOOKA LO MPAHLE LO YENA LUSEKILE DUZE KALO MTSHINI</p>	<p><b>PASOP</b> <b>BEWEGENDE MASJINERIE</b> <b>BEWARE</b> <b>MOVING MACHINERY</b> <b>PASOPA</b> <b>MTSHINI YENA HAMBA</b></p>	<p><b>LOCK - OUT!</b></p> <p><b>DID YOU LOCK OUT?</b> <b>HET JY UITGESLUIT?</b> <b>WENA VALILE?</b></p> <p><b>UNAUTHORISED</b> <b>ENTRANCE</b> <b>PROHIBITED</b> <b>ONGEMAGTIGDE</b> <b>INGANG</b> <b>VERBODE</b></p>
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**ACCORDING TO CHAPTER 20 - MACHINERY: SPECIAL SAFETY MEASURES**





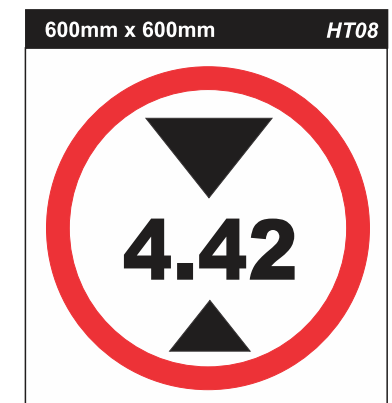
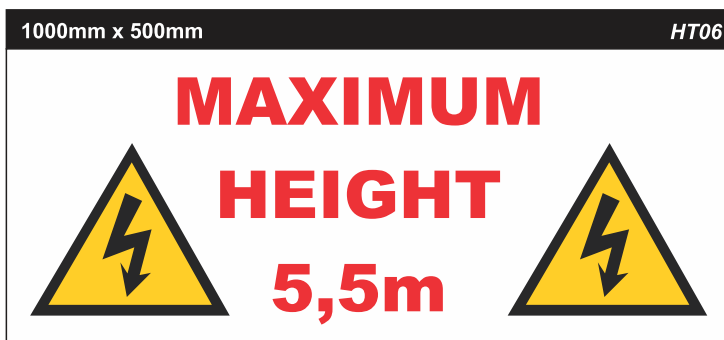
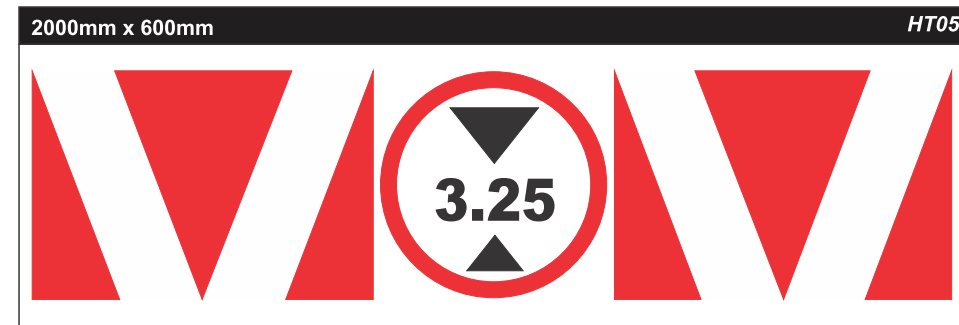
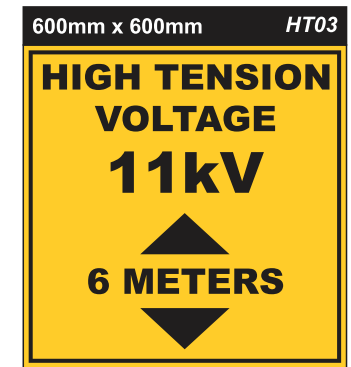
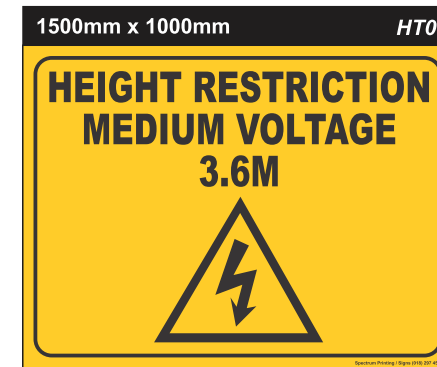
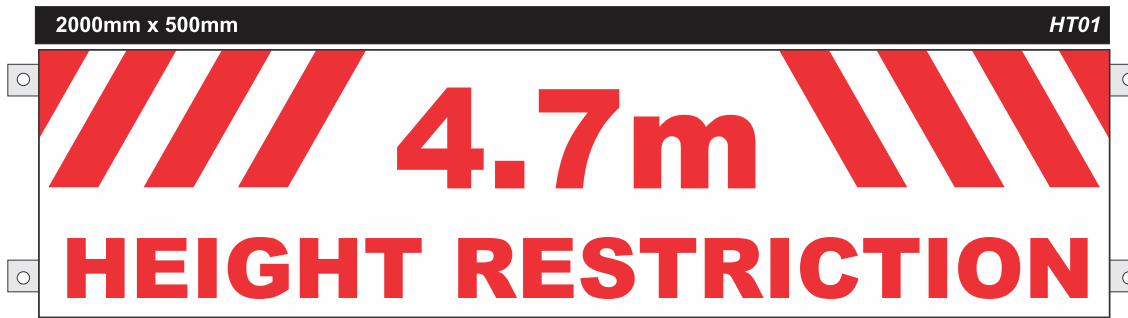
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# HEIGHT RESTRICTION SIGNS

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# HEIGHT RESTRICTION





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# MOVING MACHINERY SIGNS

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# MOVING MACHINERY

600mm x 600mm MV01

**BEWARE**

**TRUCKS IN MOTION**

1500mm x 500mm MV02

**BEWARE**

**MOVING MACHINERY**

1500mm x 500mm MV03

**DANGER**  
MATERIAL CAR  
IN INCLINE

**DO NOT ENTER**

1500mm x 500mm MV04

**BEWARE**

**MOVING MACHINERY**

1000mm x 750mm MV05

**BEWARE MOVING TRUCKS**

**TRUCKS TIPPING**

1200mm x 500mm MV06

**BEWARE OF MOVING MACHINERY**

**ENTER AT OWN RISK**

- FOOT PROTECTION SAFETY SHOES
- HEARING PROTECTION
- HAND PROTECTION
- EYE PROTECTION

600mm x 400mm MV07

**ONLY PEDESTRIANS NO TMM'S**

VEH09 A

**ONLY TMM'S NO PEDESTRIANS**

VEH09 B

1500mm x 850mm MV08

**BEWARE MOVING MACHINERY**

400mm x 300mm MV09

**602**

REFLECTIVE YELLOW

600mm x 600mm MV10

**BEWARE**

**LHD**



# MOVING MACHINERY






# MOVING MACHINERY

600mm x 400mm MV23

**NO  
SELF PROPELLED  
MACHINERY  
BEYOND  
THIS  
POINT**



2400mm x 900mm MV24

**WARNING - PASOPA  
BE CAREFUL**

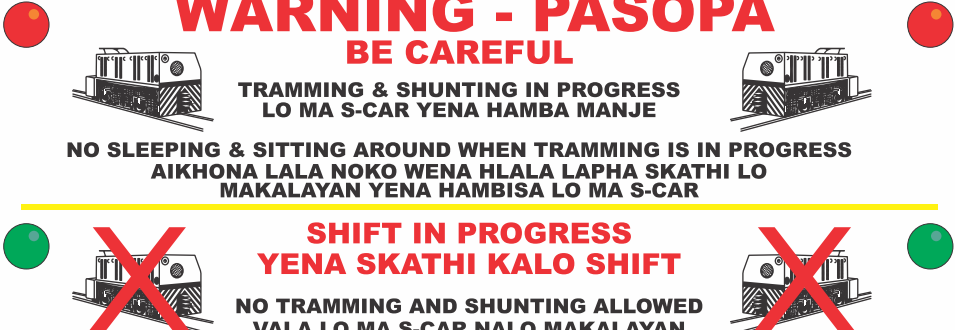
TRAMMING & SHUNTING IN PROGRESS  
LO MA S-CAR YENA HAMBA MANJE

NO SLEEPING & SITTING AROUND WHEN TRAMMING IS IN PROGRESS  
AIKHONA LALA NOKO WENA HLALA LAPHA SKATHI LO  
MAKALAYAN YENA HAMBISA LO MA S-CAR

---

**SHIFT IN PROGRESS  
YENA SKATHI KALO SHIFT**

NO TRAMMING AND SHUNTING ALLOWED  
VALA LO MA S-CAR NALO MAKALAYAN



1000mm x 500mm MV25

 **BEWARE**



**MOVING  
MACHINERY**

600mm x 400mm MV26

**BEWARE  
HEAVY  
DUTY  
VEHICLES**

600mm x 400mm MV27



**NO PRIVATE  
VEHICLES  
BEYOND THIS  
POINT**

1500mm x 1200mm MV28



**NO  
VISITORS,  
PEDESTRIANS,  
OR PRIVATE  
VEHICLES  
ALLOWED**

600mm x 400mm MV29



**NO LOCO'S ALLOWED  
BEYOND THIS POINT**

500mm x 500mm MV30

**NO  
VEHICLES  
BEYOND  
THIS  
POINT**

390mm x 390mm MV31

**NO CELLPHONE  
ALLOWED IN  
VEHICLES  
ONLY  
HANDS FREE KIT**

440mm x 440mm MV32



**NO VEHICLE ACCESS**

550mm x 550mm MV33



**NO  
DRIVEN VEHICLES  
ALLOWED ON  
STATION AREA**

**HI CONA  
GENA LAPA**

390mm x 390mm MV34



**STOP  
NO VEHICLES  
BEYOND  
THIS POINT**

500mm x 500mm MV35



**NO  
PARKING**



# MOVING MACHINERY

4000mm x 1000mm

MV36

**samancor**  
WESTERN CHROME MINES



## TRACKLESS ENGINEERING WORKSHOP



### BE AWARE OF TRACKLESS MACHINERY

500mm x 500mm

MV37

## NO PARKING FOR PRIVATE VEHICLES

### ONLY TRUCKS ALLOWED TO PARK IN THIS AREA

600mm x 400mm

MV38

## SAFETY FIRST



### ALWAYS BE AWARE OF VEHICLES

1000mm x 750mm

MV39

## BEWARE OF VEHICLES



### BE ALERT AT ALL TIMES

500mm x 600mm

MV40

# D A N G E R



### BEWARE MOVING LOCO


▲  
◀ MORE TRACKLESS / VEHICLE SAFETY  
POSTERS IN POSTER SECTION



# MOVING MACHINERY POSTERS

600mm x 400mm VEHP01


**TRACKLESS SAFETY**



**ALWAYS BE AWARE OF VEHICLES**

600mm x 400mm VEHP02


**BEWARE!**



**ALWAYS BE AWARE OF ORE BEING LOADED**

600mm x 400mm VEHP03


**SAFETY FIRST**



**ALWAYS BE AWARE OF VEHICLES**

600mm x 400mm VEHP04

**DANGER ZONE / AREA**



**MOVING MACHINERY**

600mm x 400mm VEHP05



**NEVER OPERATE DEFECTIVE MACHINERY**

600mm x 400mm VEHP06

**BEWARE OF**



**MOVING VEHICLES**

600mm x 400mm VEHP07

**BEWARE OF VEHICLES**



**BE ALERT AT ALL TIMES**

600mm x 400mm VEHP08

**BEWARE OF VEHICLES**



**BE ALERT AT ALL TIMES**

600mm x 400mm VEHP09

**ADHERE TO SPEED LIMIT**



**SPEED Kills** **40**



# MOVING MACHINERY POSTERS





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# NO ENTRY & PROHIBITED SIGNS

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# NO ENTRY & PROHIBITED

150mm x 150mm NE01

**NO ENTRY**  
**GEEN INGANG**  
**AIKONA NGENA**

500mm x 500mm NE02

**NO UNAUTHORIZED**  
**ENTRY**

500mm x 500mm NE03

**NO**

**UNAUTHORIZED**  
**VEHICLES**  
**BEYOND**  
**THIS POINT**

500mm x 500mm NE04

**NO UNAUTHORISED**  
**ENTRY**

**GEEN**  
**ONGEMAGTIGDE**  
**INGANG**

**AYIKONA NGENA**  
**LAPA**

250mm x 250mm NE05

**NO UNAUTHORISED**  
**ENTRY**

---

**GEEN ONGEMAGTIGDE**  
**INGANG**

---

**AYIKONA GENA**  
**LAPA**

500mm x 500mm NE06

**WARNING**  
**DO NOT OPEN THIS DOOR**  
**WITHOUT AUTHORISATION!**

800mm x 800mm NE07

**PRIVATE PROPERTY**  
**NO**  
**UNAUTHORISED**  
**ENTRY**

**NO**  
**THOROUGHFARE**

**NO**  
**CATTLE**

400mm x 400mm NE08

**CLOSED**  
**ENTRY**

**NOT ALLOWED TO**  
**GO THIS WAY**

300mm x 300mm NE09

**BLASTING**

**NO ENTRY**

300mm x 300mm NE10

**NOBODY IS**  
**ALLOWED TO**  
**PROCEED**  
**UNDERGROUND**

600mm x 600mm NE11

Murray & Roberts KROONDAL CENTRAL

**NO PERSONS ALLOWED**  
**TO ENTER OR OPEN**  
**ANY ELECTRICAL**  
**EQUIPMENT WHICH**  
**ARE NOT AUTHORIZED**

600mm x 600mm NE12

**NO**  
**ENTRY**

**ONLY**  
**AUTHORISED**  
**PERSONNEL**

560mm x 400mm NE13

**NO UNAUTHORISED**  
**ENTRY**

---

**GEEN ONGEMAGTIGDE**  
**INGANG**

---

**AYIKONA GENA**  
**LAPA**

700mm x 550mm NE14

**PROHIBITED**  
**AREA**

**UNAUTHORISED**  
**ENTRANCE**  
**PROHIBITED**

560mm x 400mm NE15

**FIRE ESCAPE ROUTE**

**NO ENTRY**  
**SPECIAL INSTRUCTIONS**

**ACTION WILL BE TAKEN**  
**AGAINST ANY PERSON**  
**WHO ENTERS HERE**

750mm x 500mm NE16

**DANGER**

**NO UNAUTHORISED**  
**ENTRY**

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**GA GO TSENWE**

2000mm x 1200mm NE17

**STRICTLY**  
**NO DUMPING ALLOWED**

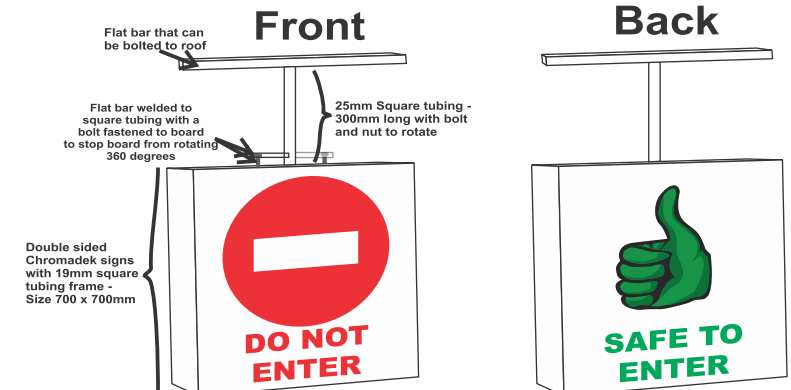
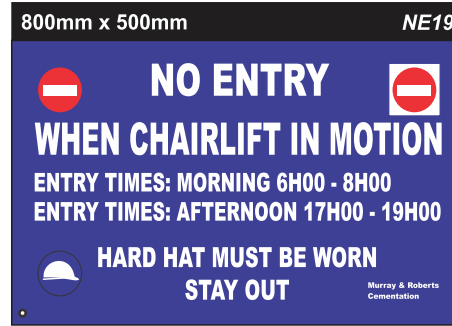
**YOU WILL BE HELD RESPONSIBLE FOR**  
**ANY COSTS THAT WILL INVOLVE THE**  
**REMOVING OF THE REFUSE**

**STRENG VERBODE**  
**GEEN STORTING TOEGELAAT**

**U SAL VERANTWOORDELIK GEHOU**  
**WORD VIR ENIGE KOSTE VIR DIE**  
**VERWYDERING VAN ROMMEL**

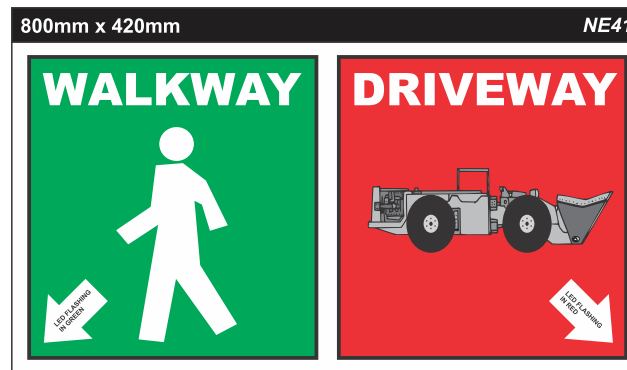
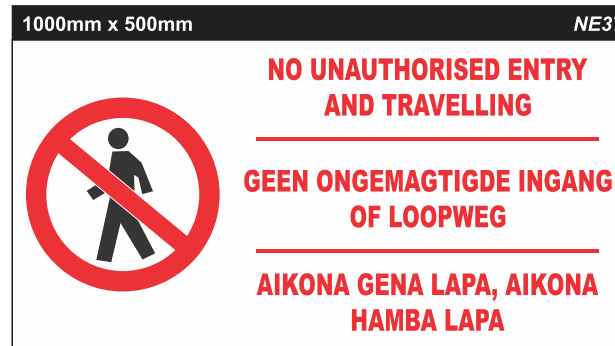


# NO ENTRY & PROHIBITED





# NO ENTRY & PROHIBITED





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# NO SMOKING & DESIGNATED SMOKING SIGNS

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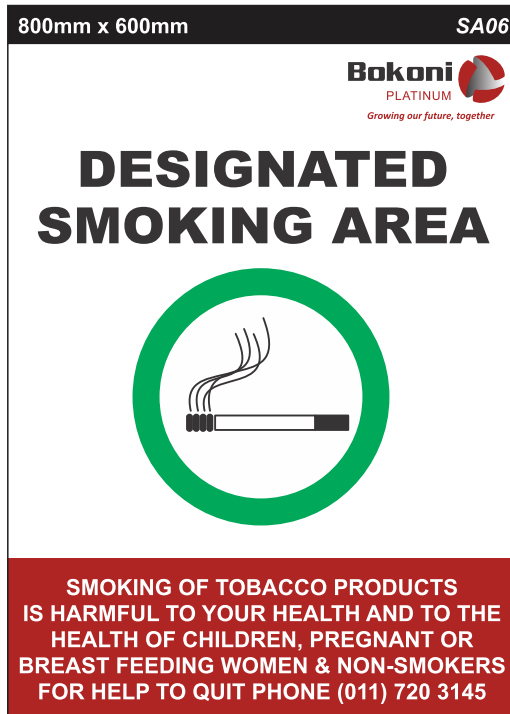


# NO SMOKING SIGNS





# NO SMOKING SIGNS





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# NOISE SIGNS

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# NOISE RELATED

1500mm x 1000mm **N01**

## NOISE AREA

### FIRST AID TREATMENT OF ELECTRICAL ACCIDENTS

1. ENSURE VICTIM IS CLEAR OF LIVE APPARATUS OR CONDUCTORS.
2. IF POSSIBLE SEND FOR MEDICAL ASSISTANCE.
3. IF PATIENT IS BREATHING: MAKE PATIENT COMFORTABLE AND KEEP HIM AT NORMAL BODY TEMPERATURE. COVER HIM WITH BLANKETS OR COATS ONLY IF HE IS COLD.
4. IF PATIENT IS NOT BREATHING: PERFORM RESCUE BREATHING AT ONCE!

Place the victim on the back and begin rescue breathing. Your first breathing efforts will show if his air passages are blocked and if they are clear will provide the urgently needed oxygen. If he stops to choke, clear his airway with your right hand. Slide down the shoulder blades should dislodge a stomach blockage.

Remove your mouth and listen to him breathing out through the mouth and nose per his lips if you are breathing through his nose, while you are taking another breath. (Fig. 2). Inhale his lungs again as soon as he has breathed out.

Make the first 5-10 breathe deep and rapid. Then continue with 10 or 15 breathes a minute. When he starts trying to breathe for himself leave your breath in time with his efforts.

Remove your mouth and listen to him breathing out through the mouth and nose per his lips if you are breathing through his nose, while you are taking another breath. (Fig. 2). Inhale his lungs again as soon as he has breathed out.

**IF ON ACCOUNT OF FACIAL INJURIES OR OTHER REASONS, RESCUE BREATHING CANNOT BE PERFORMED, APPLY MANUAL METHODS OR RESCUE RESUSCITATION**

#### SYLVESTER BROSCHE METHOD OF ARTIFICIAL RESPIRATION:

This is the most effective manual method as long as the patient's head is kept fully flexed. It has the advantage that you do not require any other assistance in keeping the air way open and you have the patient's head flexed in all cases while an artificial aid. To keep the patient's head flexed as far as possible place plenty of firm padding under his shoulders. (See diagram) This is most essential and the padding must be well over the patient's neck. Make sure the front is clear and his tongue well forward. Kneel at the victim's head place as forearms on his chest in a close together as possible. Grasp them firmly between your arms as shown. (Fig. 1). Give the patient's arms straight outward until you feel a yielding movement. Do this a single breath out (Fig. 2) then in (Fig. 3). Bring his arms back slowly using the same hold and press them firmly against the front and sides of the chest. Repeat these movements smoothly about 12 times a minute (3 seconds for breathing in, 2 seconds for breathing out).

#### NEILSON'S METHOD OF ARTIFICIAL RESPIRATION:

- 1 Lay the casualty face downwards with head turned to one side, arms bent and forehead resting on his hands. Kneel at casualty's head.
- 2 Place your hands over his shoulder blades with thumbs touching on the midline and fingers spread out, arms kept straight. Push forward and apply slight pressure by the weight of the upper arm. This slowly and steadily counting ONE, TWO IN 2-3 seconds.
- 3 Release the pressure gradually and slide your hands to just above the elbows of the casualty. Raise his arms and shoulders by bending backwards with your arms straight up. Push resistance and upward, without lifting the chest of the ground, while counting, THREE, FOUR IN 2-5 seconds. Relax and repeat steps 1-3 12 times per minute.

**5. BURNS AND OTHER INJURIES: IF VICTIM CAN BE TAKEN TO HOSPITAL QUICKLY DO NOT DRESS BURNS. IF NOT, DRESS BURNS WITH VASELINE GAUZE, APPLY STERILIZED DRESSING TO WOUNDS.**

700mm x 700mm **N02**

YOU ARE NOW ENTERING A NOISE ZONE OF

BJALO O FIHLA  
LEFELONG  
LA LESATA LA

(DECIBELS **85+** dBa)

HEARING PROTECTION TO BE WORN

DITHIBELA LESATA  
DI SWANETSWE  
GOAPARWA

600mm x 600mm **N03**

## YOU ARE ENTERING A NOISE ZONE

**dBa**

## WEAR HEARING PROTECTION

500mm x 500mm **N04**

AngloAmerican PLATINUM

## WARNING

YOU ARE NOW ENTERING A NOISE ZONE

THE USE OF HEARING PROTECTION BEYOND THIS POINT IS COMPULSORY

AVERAGE NOISE LEVEL: **dB(A)**

WHEN ALL MACHINERY ARE IN OPERATION

600mm x 400mm **N05**

You are entering a workplace where noise levels exceed 85 dB(A). Exposure to noise levels equal to or above 85 dB(A) could result in noise induced hearing loss. This area is a demarcated noise zone. You may not enter this area without wearing hearing protection devices.

600mm x 400mm **N06**

You are entering a noise zone

Noise levels exceed **85dB**

## WEAR HEARING PROTECTION

800mm x 600mm **N07**

## WARNING! / ISIXWAISO!

HIGH NOISE LEVELS / EMDUMENI

USE HEARING PROTECTION WHEN OPERATING THIS MACHINE / VALA INDLEBE NXA USEBENZISA LOMCHINI

Noise Reading: \_\_\_\_\_ dB(A)

600mm x 600mm **N08**

## POTENTIAL NOISE ZONE

300mm x 300mm **N09**

## NOISE ZONE

**dBa**

300mm x 300mm **N10**

## HEARING PROTECTION

**COMPULSORY**

300mm x 300mm **N11**

GQOKA LO VALANDLEBE  
WEAR EARPLUGS  
DRA OORPLUISIES

300mm x 300mm **N12**

## EAR PROTECTION MUST BE WORN

## OR BESKERMING MOET GEDRA WORD





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# OIL, PAINT & DIESEL SIGNS

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# OIL & PAINT RELATED

1000mm x 500mm OPR01

## OIL STORE

700mm x 500mm OPR02

## ENGINE OIL

**NO CIGARETTES**

**NO OPEN FLAMES**

**NO CELL PHONE**

**SWITCH OFF ENGINE**

700mm x 1000mm OPR03

## OIL STORE NO.

**NO UNAUTHORIZED ENTRY**  
KEEP DOORS LOCKED

**FIRST AID FOR OIL**

- 1) Send for medical help.
- 2) Remove patient to a safe area.
- 3) Wear PPE (protect yourself).
- 4) Make patient comfortable.
- 5) If any oil digested, report incident and go to Medical Station immediately.
- 6) If any oil come into eyes, irrigate thoroughly with clean water and immediately go to Medical Station.

**PROCEDURE IN EVENT OF OIL SPILL**

- 1) Put safety equipment as required.
- 2) Use boom and pillow to stop spread of oil.
- 3) Demarcate area with Chevron Tape.
- 4) Spread OilSweep over spill oil.
- 5) Using broom, sweep back and forth to absorb spill and dry area.
- 6) Once absorbed, use spark-proof shovel to lift powder and place in disposal bags.
- 7) Sweep up remaining residue using dustpan and brush and place in disposal bags.
- 8) Seal disposal bags with cable ties.
- 9) Pour CarbonGone WB over area and agitate with broom, to remove any remaining residue.
- 10) Apply water and use a squeegee or broom to push away to disposal.
- 11) Use mutton cloth to clean equipment if required.
- 12) Return equipment to wheeler bin and phone BlueStream on (011) 708 0555 to replenish used consumables.

**PROCEDURE IN CASE OF FIRE**

- 1) Immediately notify the responsible person.
- 2) Notify nearest fire brigade.
- 3) Water must not be used.
- 4) Use fire fighting equipment if possible.
- 5) Do not take any risks.

RESP. ENG.

SECTION

FOREMAN

ARTISAN

1000mm x 600mm OPR04

## OIL STORE CAPACITY 5000 LT

1000mm x 600mm OPR05

## OIL STORE CAPACITY 5000 LT

930mm x 500mm OPR06

## OIL BAY

NO WELDING

NO SMOKING

NO OPEN FLAMES

NO WATER ON ELECTRIC

1000mm x 500mm OPR07

## OIL BAY

**BUND CAPACITY**

**LITERS**

1000mm x 500mm OPR08

## OIL STORE

**FIRST AID FOR OIL**

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- 7) Sweep up remaining residue using dustpan and brush and place in disposal bags.
- 8) Seal disposal bags with cable ties.
- 9) Pour CarbonGone WB over area and agitate with broom, to remove any remaining residue.
- 10) Apply water and use a squeegee or broom to push away to disposal.
- 11) Use mutton cloth to clean equipment if required.
- 12) Return equipment to wheeler bin and phone BlueStream on (011) 708 0555 to replenish used consumables.

RESPONSIBLE SUPERVISOR:

600mm x 300mm OPR09

## OLD OIL STORAGE CONTAINER

OIL CAPACITY



# OIL & PAINT RELATED

1000mm x 460mm OPR10

**OIL & PAINT STORE**

1000mm x 500mm OPR11

samancor<sup>Gr</sup>  
WESTERN CHROME MINES

**PAINT STORE**

1500mm x 500mm OPR12

**USED OIL BAY**

**BUND CAPACITY**

**7 500 LITERS**

1000mm x 460mm OPR13

**OIL STORE**

---



---

**PAINT STORE**

1000mm x 900mm OPR14

**OIL STORE**

**WORKING PLACE:**

**MAX. CAPACITY IN LITERS:**

STORE CONTENTS	LITERS

**Business Unit:**

**Hazard Rating:**

**PPE Requirements:**

**Comments:** Never store chemicals & hydrocarbons together in one store as incompatibility between Chemicals especially with a high flash point & hydrocarbons could lead to unstable conditions.

**NB!** The use of open flames and smoking are prohibited inside this store.

**MSDS'S AVAILABLE AT:**

600mm x 900mm OPR15

**PAINT STORE**

600mm x 900mm OPR16

**PAINT STORE**

Volume : 4.25m<sup>3</sup>

Liters : 4250 Liters

Contents

Paint



# DIESEL RELATED

900mm x 700mm OPR17

**DIESEL**

- NO CIGARETTES
- NO OPEN FLAMES
- NO CELL PHONE
- SWITCH OFF ENGINE

700mm x 500mm OPR18

**DIESEL REFUELING BAY**

- 
- 
- 

450mm x 440mm OPR19

**DIESEL ISSUING TIME**

**MORNING:**  
FROM 07:00 TILL 10:00

**AFTERNOON:**  
FROM 13:00 TILL 15:00

**THANK YOU!**

600mm x 400mm OPR20

**DIESEL TANK**

- NO CIGARETTES
- NO OPEN FLAMES
- NO CELL PHONE
- SWITCH OFF ENGINE

1000mm x 500mm OPR21

**DIESEL BAY**

**BUND CAPACITY 10 000 LITERS**

- 
- 
- 
- 

1000mm x 600mm OPR22

**DIESEL STORE CAPACITY 5000 LT**

- 
- 
- 

1000mm x 500mm OPR23

**DIESEL / OIL BAY**

- NO WELDING
- NO SMOKING
- NO OPEN FLAMES
- NO WATER ON ELECTRIC

1000mm x 500mm OPR24

**DIESEL STORE**

- 
- 
- 

580mm x 520mm OPR25

- NO CIGARETTES
- NO OPEN FLAMES
- NO CELL PHONE
- SWITCH OFF ENGINE

**22 000 L MAX**



ndikhae<sup>®</sup>  
TRADING & PROJECTS

# PPE & MANDATORY SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# PPE & MANDATORY

2450mm x 500mm PM01

**IS YOUR PPE'S IN ORDER?**

3000mm x 1000mm PM04

**LTA GRINAHER-LTA** **BOILERMAKER WORKSHOP**

**IS YOUR PPE'S IN ORDER?**

1500mm x 600mm PM05

**AngloAmerican** **PLATINUM**

**LHD/RIG WORKSHOP**

1800mm x 600mm PM06

**THIS IS A PPE COMPULSORY AREA**

**PLEASE WEAR APPROPRIATE PPE**

1500mm x 1000mm PM02

**MECHANICAL WORKSHOP**

**IS YOUR PPE IN ORDER?**

1500mm x 1000mm PM03

**IMPALA PLATINUM** **12 SHAFT**

**COMPULSORY PPE BEYOND THIS POINT**

- SAFETY SHOES / GUMBOOTS
- REFLECTIVE VEST / REFLECTIVE OVERALL

2000mm x 700mm PM07

**ARE YOUR PPE'S IN ORDER?**

Spectrum Printing & Signs 002 021 0991

**NO PERSONS WILL BE ALLOWED BEYOND THIS POINT WITHOUT THE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT**

1500mm x 900mm PM08

**THANK YOU FOR WORKING SAFE AT OUR PLANT**

**DRIVE SAFELY**

BACK

**HAND ON HANDRAIL AT ALL TIMES**

**WATCH THE STEP**

**PM09**  
1500mm x 120mm



# PPE & MANDATORY

2000mm x 1500mm PM10

**“YES - I do comply to the following PPE Standards**

**Have a SAFE shift - we CARE!**

2000mm x 1500mm PM11

**NO. 2 GOLD PLANT MILL SECTION**

**BEWARE THIS PLANT STARTS UP AUTOMATICALLY**

**FANAGALO**

EAR PROTECTION	EYE PROTECTION	GLOVES	SAFETY BELT	HARD HAT
SLIP AND FALL	LOCK OUT	BEWARE OF FALLING OBJECTS	SAFETY SHOES	SLINGING IN PROGRESS

2200mm x 1200mm PM12

**MODIKA SOUTH 2**

**MINIMUM DRESS CODE**  
**MINIMUM KLEREDRAG VEREISTE**  
**DIAPARO**

1. OVERALL OVERALL ?	
2. HARD HAT HARDE HOED KOPORO	
3. STEEL CAP GUMBOOTS STAAL PUNT VEILIGHEIDS SKOENE DIPUTSI	
4. MECH GOGGLES ? ?	
4. KNEE GUARDS KNIEG BESKERMING DIPEKETSANA	
PERSONAL PROTECTIVE EQUIPMENT AS AND WHEN REQUIRED PERSONOONLIKE BESKERMDE TOERUSTING SOOS EN WAAR VERLANG DITLABELWA TSA TSHIRELETSO TSE MOTHO A KA DI SOMISAGO GE GO NYAKEGA	
5. HEARING PROTECTION GEHOOR BESKERMING TSA GO SIRELETSA DITSEBE	
6. DUST MASKS STOF MASKER MASEKE	
7. GLOVES HANDSKOENE DITLAFO	
8. SAFETY HARNESS VEILIGHEIDS GORDEL KETANE YA TSHIRELETSO	

600mm x 400mm PM13

**ALL PERSONS WORKING IN THIS AREA WILL WEAR EYE PROTECTION**

600mm x 400mm PM14

**HARNESS MUST BE USED FOR ANY WORK TAKING PLACE OUTSIDE OR ABOVE THE HANDRAILING AREA**

2450mm x 500mm PM15

**THIS IS A COMPULSORY PPE AREA**

**ARE YOUR PPE IN ORDER**

900mm x 300mm PM16

**SAFETY SHOES**

**MUST BE WORN WHEN ENTERING WORKSHOPS AND WORKING AREAS**

2450mm x 1220mm PM17

**COMPULSORY PPE**



# PPE & MANDATORY

1000mm x 800mm **PM18**

AngloAmerican PLATINUM

**BOILERMAKER  
COMPULSORY PPE**

1500mm x 1000mm **PM19**

**WORKSHOP  
IS YOUR PPE'S IN ORDER?**

1000mm x 800mm **PM20**

AngloAmerican PLATINUM

**NO  
UNAUTHORISED  
ENTRY  
MANDATORY PPE**

1000mm x 1000mm **PM21**

**COMPULSORY  
PPE**

1200mm x 600mm **PM22**

AngloAmerican PLATINUM

**THE FOLLOWING PPE IS STRICTLY  
COMPULSORY BEYOND THIS POINT**

1500mm x 800mm **PM23**

**LANXESS**  
Energizing Chemistry

**MAIN OFFICE**

All persons beyond this point must be in Possession of the following ppe

Batho botlhe baba leng fa tulong e, ba Tswanetse go apara diaparo tse tsa pabalasego

1500mm x 800mm **PM24**

**LANXESS**  
Energizing Chemistry  
LANXESS Chrome Mining (Pty) Ltd.

**X**

**PPE REQUIRED BEYOND THIS POINT**

600mm x 600mm **PM25**

**Murray & Roberts**  
K6

**YOU ARE ENTERING  
A PPE COMPULSORY  
AREA**

1400mm x 1400mm **PM26**

**PLEASE WEAR  
APPROPRIATE PPE**

2000mm x 1200mm **PM27**

**Murray & Roberts**  
Murray & Roberts  
Cementation

**P.P.E. TO BE WORN  
BEYOND THIS POINT**

1500mm x 930mm **PM28**

**IS YOUR PPE'S IN ORDER**

**WELCOME TO LEVEL 10**



# PPE & MANDATORY

600mm x 400mm **PMP01**

ANGLOGOLDASHANTI

**Personal Protective Equipment (PPE)**

- Hard Hat
- Ear Plugs
- Goggles
- Arm guards
- Rescue pack
- Overall
- Steel-toe cap
- Gumboots
- Lens (Optical grade)
- Dust Mask
- Safety Gloves
- Knee guards

2000mm x 1200mm **PMP02**

**Compulsory PPE**

- Hard Hat
- Eye Protection
- Overall with Reflective Strips
- Safety Shoes
- Ear Protection
- Safety Gloves
- Safety Knee Pads

1200mm x 1200mm **PMP03**

**samancor**®

- CAP LAMP
- HARD HAT
- SAFETY GLOVES
- SAFETY HARNESS
- SAFETY GLASSES
- EAR PLUGS
- SAFETY GLOVES
- REFLECTIVE VEST
- OVERALL
- BOOTS

**IS YOUR P.P.E IN ORDER?**

600mm x 400mm **PMP04**

**ALWAYS protect your EYES**

**Use the right PPE**

900mm x 1230mm **PMP05**

- HARD HAT
- SAFETY GLASSES
- EAR PLUGS
- SAFETY GLOVES
- SAFETY BELT
- REFLECTIVE VEST
- OVERALL
- BOOTS

**IS YOUR P.P.E IN ORDER?**

1500mm x 1000mm **PMP06**

ROYAL BAFOKENG PLATINUM

- CAP LAMP
- HARD HAT
- EAR PROTECTION
- GOGGLES
- GLOVES
- REFLECTIVE STRIPS
- SAFETY BOOTS

**IS YOUR P.P.E.'S IN ORDER?**

1800mm x 1000mm **PMP07**

**STOP CHECK YOUR PPE**

**USE THE RIGHT PPE**

1800mm x 1000mm **PMP08**

**STOP CHECK YOUR PPE**

**DO NOT ENTER PLANT WITHOUT HARDHAT, SAFETY SHOES AND GLASSES**

1800mm x 1000mm **PMP09**

**STOP CHECK YOUR PPE**

**DO NOT ENTER PLANT WITHOUT HARDHAT, SAFETY SHOES AND GLASSES**



# PPE & MANDATORY

600mm x 400mm PMP10

**SAFETY FIRST**



**WEAR YOUR  
HARD HAT  
AND LIGHT**

600mm x 400mm PMP11

ROYAL BAFONGEN PLATINUM

**Safety starts with  
YOU**

Danger never takes a day off...



Be well rested and bring  
an alert mind to work

600mm x 400mm PMP12

ROYAL BAFONGEN PLATINUM

**ALWAYS THINK  
SAFETY**



**Wear the right  
PPE**

600mm x 400mm PMP13

samancor®

**ALWAYS  
protect your  
EYES**



**Wear the right  
PPE**

600mm x 400mm PMP14

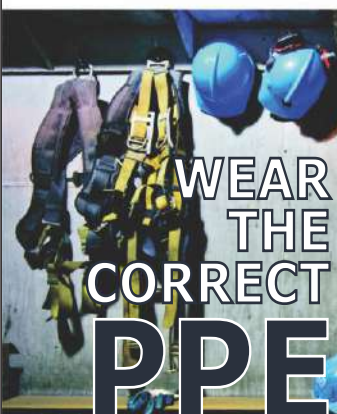
samancor®



**Safety matters**

600mm x 400mm PMP15

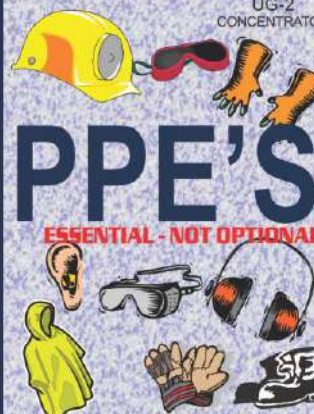
samancor®



**WEAR  
THE  
CORRECT  
PPE**

600mm x 400mm PMP16

UG-2  
CONCENTRATOR


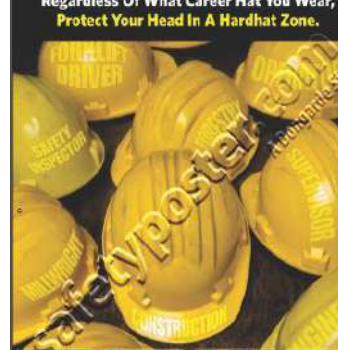


**PPE'S  
ESSENTIAL - NOT OPTIONAL**

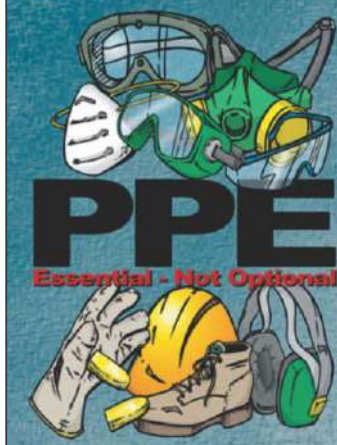
ANGLO PLATINUM

600mm x 400mm PMP17

Regardless Of What Career Hat You Wear,  
Protect Your Head In A Hardhat Zone.



600mm x 400mm PMP18



**PPE**

Essential - Not Optional



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TRADING & PROJECTS

# PUMP SIGNS

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# PUMP SIGNS

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# PUMPS

1200mm x 1100mm P01

## PUMP STATION

**PUMP STATION NAME:** \_\_\_\_\_

**AREA OF RESPONSIBILITY:** \_\_\_\_\_

**THIS UNIT STARTS AUTOMATICALLY**  
 HIERDIE EENHEDE SKAKEL OUTOMATIES AAN  
 AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC

**NO LOOSE CLOTHING  
 GEEN LOS KLERE**  
  
 IMPHALA EKHUMKULE IYINGOZI

**PASOP**  
 BEWEGENDE MASJINERIE  
  
**BEWARE**  
 MOVING MACHINERY

**NO UNAUTHORISED ENTRY**  
 GEEN ONGEMAGTIGDE INGANG  
 AYIKONA GENA LAPA

**NOISE ZONE**  
 dBa

WASH YOUR HANDS

WEAR EYE PROTECTION

WEAR A HARD HAT

NO SMOKING

FIRE EXTINGUISHER

1200mm x 600mm P02

## PUMP STATION NAME:

---

**THIS UNIT STARTS AUTOMATICALLY**  
 HIERDIE EENHEDE SKAKEL OUTOMATIES AAN  
 AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC

**NO LOOSE CLOTHING  
 GEEN LOS KLERE**  
  
 IMPHALA EKHUMKULE IYINGOZI

**PASOP**  
 BEWEGENDE MASJINERIE  
  
**BEWARE**  
 MOVING MACHINERY

**NO UNAUTHORISED ENTRY**  
 GEEN ONGEMAGTIGDE INGANG  
 AYIKONA GENA LAPA

**NO UNAUTHORISED ENTRY**  
 GEEN ONGEMAGTIGDE INGANG  
 AYIKONA GENA LAPA

**NOISE ZONE**  
 dBa

WASH YOUR HANDS

WEAR EYE PROTECTION

WEAR A HARD HAT

NO SMOKING

FIRE EXTINGUISHER

600mm x 800mm P03

### PUMP DATA

#### SURF FRIDGE PLANT CONDENSOR

TYPE	MATHER / PLATT
SIZE	CME 8/10
IMPELLER DIAMETER	FULL 444mm
HEAD	138m
RPM	1488
CAPACITY	760m <sup>3</sup> /hr
COUPLING TYPE	FENNER
COUPLING SIZE	F120
DRIVE END BEARING	
NON DRIVE END BEARING	
PUMP SHAFT DIAMETER	50mm

500mm x 500mm P04

**WARNING**

**THIS PUMP STARTS AUTOMATICALLY**

440mm x 440mm P05

**BEWARE**

**THIS PUMP STARTS AUTOMATICALLY**

**HIERDIE POMP SKAKEL OUTOMATIES AAN**

**AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC**

600mm x 600mm P06

**WARNING**

**THIS PUMP STARTS AUTOMATICALLY**

**AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC**

400mm x 400mm P07

**MATHER / PLATT BLE 12/14**

**PUMP 2 12/14BLE1**

**PLEASE NOTE:**

**THIS PUMP START WITHOUT WARNING**



# PUMPS

1200mm x 1100mm P01

## PUMP STATION

**PUMP STATION NAME:** \_\_\_\_\_

**AREA OF RESPONSIBILITY:** \_\_\_\_\_

**THIS UNIT STARTS AUTOMATICALLY**

HIERDIE EENHEDE SKAKEL OUTOMATIES AAN

AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC

**NO LOOSE CLOTHING  
GEEN LOS KLERE**

IMPANLA EKHUMUKILE IYINGOZI

**PASOP**

BEWEGENDE MASJINERIE

**BEWARE**

MOVING MACHINERY

**NOISE ZONE**

dBa

**NO UNAUTHORISED ENTRY**

GEEN ONGEMAGTIGDE INGANG

AYIKONA GENA LAPA

1200mm x 600mm P02

## PUMP STATION NAME:

---

**THIS UNIT STARTS AUTOMATICALLY**

HIERDIE EENHEDE SKAKEL OUTOMATIES AAN

AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC

**NO LOOSE CLOTHING  
GEEN LOS KLERE**

IMPANLA EKHUMUKILE IYINGOZI

**PASOP**

BEWEGENDE MASJINERIE

**BEWARE**

MOVING MACHINERY

**NO UNAUTHORISED ENTRY**

GEEN ONGEMAGTIGDE INGANG

AYIKONA GENA LAPA

**NOISE ZONE**

dBa

600mm x 800mm P03

### PUMP DATA

#### SURF FRIDGE PLANT CONDENSOR

TYPE	MATHER / PLATT
SIZE	CME 8/10
IMPELLER DIAMETER	FULL 444mm
HEAD	138m
RPM	1488
CAPACITY	760m <sup>3</sup> /hr
COUPLING TYPE	FENNER
COUPLING SIZE	F120
DRIVE END BEARING	
NON DRIVE END BEARING	
PUMP SHAFT DIAMETER	50mm

500mm x 500mm P04

**WARNING**

**THIS PUMP STARTS AUTOMATICALLY**

440mm x 440mm P05

**BEWARE**

**THIS PUMP STARTS AUTOMATICALLY**

HIERDIE POMP SKAKEL OUTOMATIES AAN

AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC

600mm x 600mm P06

**WARNING**

**THIS PUMP STARTS AUTOMATICALLY**

AYI BANBA ZONKE LO NASHUB KI YENA LO AUTOMATIC

400mm x 400mm P07

**MATHER / PLATT BLE 12/14**

**PUMP 2 12/14BLE1**

**PLEASE NOTE:**

**THIS PUMP START WITHOUT WARNING**



# PUMPS

1200mm x 1100mm P08



**EVANDER GOLD MINING (PTY) LTD**  
A subsidiary of Pan African Resources PLC

## BOOSTER PUMP STATION

### COMPULSORY PPE TO BE WORN



HARD HAT



SAFETY GLASSES



SAFETY GLOVES



OVERALLS



GUMBOOTS



NO DRINKING WATER

**NO UNAUTHORISED PERSON  
ARE ALLOWED IN THIS AREA  
NO WALKING ON THE BUND WALL**

P09

**DANGER  
GEVAAR  
NGOZI**

**DO NOT  
START / OPEN**

**MEN WORKING  
ON PUMP/LINE**

NAME: \_\_\_\_\_

P10


**PUMP  
SECTION**

ARTISAN: \_\_\_\_\_

OCCUPATION: \_\_\_\_\_

DATE: \_\_\_\_\_

400mm x 400mm P11



**DO NOT SWITCH ON  
PUMP REMOVED**

**MOENIE AANSKAKEL NIE  
POMP IS VERWYDER**

NAAM: \_\_\_\_\_ DATE: \_\_\_\_\_  
NAME: \_\_\_\_\_ DATUM: \_\_\_\_\_

600mm x 600mm P12

**WARNING**

**THIS PUMP  
STARTS UP  
AUTOMATICALLY**



ndikhae<sup>®</sup>  
TRADING & PROJECTS

# RADIO ACTIVE SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# RADIO ACTIVE

450mm x 450mm RA01

**CS 137  
BA590/E645**

SJ vd Westhuizen  
Tel: 082 781 5314  
R.Taljaard  
Tel: 082 5624964

450mm x 450mm RA02

**EMERGENCY TEL NO**  
Security: 013 231 9133  
RPO: 083 455 0979  
Assistan RPO: 072 584 1213

400mm x 400mm RA03

RPO: \_\_\_\_\_  
Contact: \_\_\_\_\_

290mm x 290mm RA04

**IN CASE OF  
RADIATION EMERGENCY**

- DO NOT TOUCH THE RADIATION GAUGE OR SOURCE IF IT IS DAMAGED
- DO NOT PICK UP ANYTHING FROM THE GAUGE OR SOURCE
- BARRICADE THE AREA AND KEEP DISTANCE FROM GAUGE OR SOURCE
- REPORT IMMEDIATELY TO THE RADIO ACTIVE PROTECTION OFFICER (RPO) OR ACTING RADIO ACTIVE PROTECTION OFFICER

570mm x 650mm RA05

**RADIOACTIVE**

900mm x 600mm RA06

**YOU ARE  
NOW ENTERING A  
RADIATION  
SUPERVISED AREA**

RA07

**RADIOACTIVE I**  
CONTENTS...LSA-1...  
ACTIVITY...4 X 10 Bq...

700mm x 700mm RA08

**IN CASE OF RADIATION EMERGENCY**

- DO NOT TOUCH THE RADIATION GAUGE OR SOURCE IF IT IS DAMAGED
- DO NOT PICK UP ANYTHING FROM THE GAUGE OR SOURCE
- BARRICADE THE AREA AND KEEP DISTANCE FROM THE GAUGE OR SOURCE
- REPORT IMMEDIATELY TO THE SHIFT SUPERVISOR AND RADIATION OFFICER

700mm x 400mm RA09

**DANGER**  
**GEVAAR**

**RADIOAKTIVITEIT  
RADIOACTIVITY  
NOODGEVAL  
EMERGENCY**

RPO sticker x30  
**Wimpie de Klerk 082 372 3960**

ASSISTANT RPO sticker x30  
**Andrè Olivier 071 130 4900**

700mm x 400mm RA10

**DANGER**  
**RADIOACTIVE  
MATERIALS**

RA11

**DANGER**  
**RADIATION  
AREA  
DO NOT  
ENTER**

RA12

**DANGER**  
**RESTRICTED  
AREA**

RA13

**DANGER**  
**CONTAMINATED  
AREA**



ndikhae<sup>®</sup>  
TRADING & PROJECTS

# REFUGE BAY SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# REFUGE BAYS

**700mm x 600mm RF01**

**NO PERSONS TO LEAVE REFUGE BAY UNTIL PROTO TEAM HAVE ARRIVED**

1. CLOSE THE DOOR  
MAAK TOE DIE DEUR  
VALA SIVALO
2. OPEN AIR VALVE  
MAAK LUK OOP  
YULA SMOOK
3. RING THE BELL  
LUI DIE KLOK  
TSHAYA LO KLOK
4. COUNT ALL THE MEN  
TEL AL DIE MANNE  
MBAI ZONKE MADODA
5. KALO PHONE SKAKEL  
TSHAYA PHONE LAPA KALO
6. SIT DOWN!!!  
SIT OP VLOER!!!  
HLALA PANT!!!

WAIT OF SUPERVISOR  
MAG WE TOLONGOHU  
LINDA MHOHELI

**700mm x 600mm RF02**

**EMERGENCY PROCEDURES TO BE FOLLOWED INSIDE REFUGE BAY**

1. OPEN THE COMPRESSED AIR
2. ENSURE EVERYONE IS INSIDE
3. CLOSE MANDOOR - SEAL LEAKS
4. PLACE A GUARD AT THE MANDOOR
5. TAKE ROLL CALL
6. APPLY FIRST AID WHERE REQUIRED
7. CONTACT THE MIMIC ROOM ON SURFACE  
**TEL. NO. 9333 OR 9444**
8. SWITCH OFF CAPLAMPS EXCEPT THREE (TO CONSERVE BATTERIES)
9. DO NOT CLOSE THE COMPRESSED AIR
10. REMAIN CALM
11. STAY INSIDE REFUGE BAY UNTIL RESCUE TEAM ARRIVED

**1500mm x 300mm RF04**

**1500mm x 1200mm RF03**

**EMERGENCY PROCEDURES TO BE FOLLOWED INSIDE REFUGE BAY**

REFUGE BAY NUMBER:

tel nr

**NO PERSONS TO LEAVE REFUGE BAY UNTIL PROTO TEAM HAS ARRIVED**

1. OPEN THE COMPRESSED AIR
2. ENSURE EVERYONE IS INSIDE
3. CLOSE MANDOOR - SEAL LEAKS
4. PLACE A GUARD AT THE MANDOOR
5. TAKE ROLL CALL
6. APPLY FIRST AID WHERE REQUIRED
7. CONTACT THE MIMIC ROOM ON SURFACE
8. SWITCH OFF CAPLAMPS EXCEPT THREE (TO CONSERVE BATTERIES)
9. DO NOT CLOSE THE COMPRESSED AIR
10. REMAIN CALM
11. STAY INSIDE REFUGE BAY UNTIL RESCUE TEAM ARRIVED

HITTESTEK EN MITTE UITPUTTING	HEATSTROKE AND HEAT EXHAUSTION	MTSHISO NALO KU BAN BIWA KALO MTSHISO	ELEKTRISITEITS-ONGELUKKE	ELECTRICAL ACCIDENTS	FESEIT ITHETHO KALO NISOZI
<b>SIMPTOME</b> ... <b>BEHANDELING</b> ...	<b>SIMPTOMS</b> ... <b>TREATMENT</b> ...	<b>LO SIDLAN YENA KANJANI</b> ... <b>NOLELA KALO KU SIZA</b> ...	<b>VOORSKRIFTE</b> ... <b>BEHANDELING</b> ...	<b>INSTRUCTIONS</b> ... <b>TREATMENT</b> ...	<b>MTHETO</b> ... <b>KANJANI WENA SIZA LO MURU YENA BANJWILWE KALO GAS</b> ...

BEHANDELING VAN GAS VERGIFTIGING	TREATMENT OF GASSING	KANJANI LO FESTEIT YENA SAPOTA LO SIGILAN LO YENA BANJWILWE KALO SMOOK KALO JALATIN	VERDRINKING	DROWNING	KU KHAMIWA KALO MANZI
... <b>BY IS GEVAARTEKENS</b> ...	... <b>THESE ARE DANGER SIGNALS</b> ...	... <b>BEHANDELING</b> ...	... <b>BEHANDELING</b> ...	... <b>TREATMENT</b> ...	... <b>KANJANI WENA SIZA YENA</b> ...

Checking item	Tick here
In Order = ✓ Not in order = X	✓ X
Compressed air installed	
Compressed air operational (valve inside bay)	
Compressed air silencer	
Walls sealing	
Drinking water installed	
Drinking water available	
Telephone installed	
Telephone operating procedure	
Telephone operational	
Air whistle automatic and operational	
Medical treatment and bay procedures	
Escape route signs posted at entrance in haulage	
Entrance to bay clear of any obstructions	
Amber light in haulage at entrance	
Toilet facility inside bay (swivel blank flange on pipe)	
Water tank installed with valve	
Refuge bay number displayed against wall inside and outside	
Light installed at entrance (installed & operating)	
Check by:	
Date Checked	

**500mm x 500mm RF05**

Refuge Bay Number:

Responsible Person:

**500mm x 500mm RF06**

**REFUGE BAY**

**No. 201**

**500mm x 500mm RF07**

**M O D I K W A PLATINUM MINE**

**NORTH SHAFT**

**REFUGE BAY**

**MASIZA TUNNEL**

Refuge Bay Number:

**600mm x 500mm RF08**

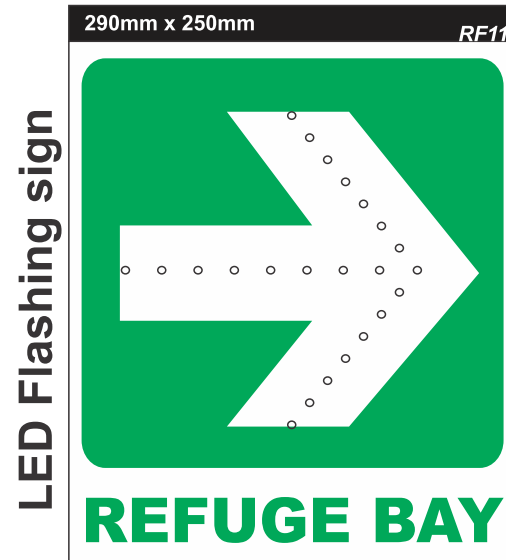
REFUGE BAY NUMBER:

**600mm x 500mm RF09**

**309**



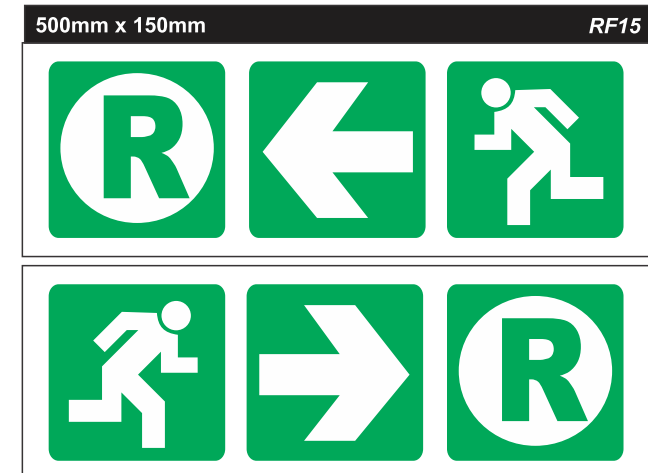
# REFUGE BAYS



1220mm x 1500mm **RF13**

<b>REFUGE CHAMBER EMERGENCY PROCEDURE</b>	<b>MASIZA TONNEL MANJE NDELELA</b>	<b>SKULKAMER NOOD PROSEDURES</b>
<b>STEPS</b>	<b>STEPPIS</b>	<b>STAPPE</b>
1. CLOSE DOOR	1. VALA LO SIVALO	1. MAAK DEUR TOE
2. OPEN AIR PIPE	2. VULA LO SMOK	2. DRAAI LUGPYP OOP
3. OPERATE SIGNALLING DEVICE	3. CHAYA LO KLOK	3. GEBRUIK DIE SEINSTELSEL
4. PHONE BANKSMAN	4. CHAYA LO FOUN LAPA BANK	4. BEL SKAGWAGTER
1 SHAFT 520/301	1 SHAFT 520/301	1 SKAG 520/301
2 SHAFT 302/296	2 SHAFT 302/296	2 SKAG 302/296
1 SUB SHAFT 407/410	1 SUB SHAFT 407/410	1 SUB SKAG 407/410

5. REMAIN CALM	5. AYIKONA SABA	5. BLY KALM
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# STORAGE SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)

# STORAGE



600mm x 400mm ST01

**DANGER**

**ACETYLENE  
STORAGE  
AREA**

**NO  
SMOKING**

600mm x 400mm ST02

**DANGER**



**KEEP OUT  
PESTICIDE AND  
CHEMICAL  
STORAGE AREA**

600mm x 400mm ST03

**DANGER**

**ELECTRIC METER  
ROOM  
NO STORAGE**

600mm x 400mm ST04

**DANGER**

**CHEMICAL  
STORAGE AREA**  
UNAUTHORIZED  
PERSONS KEEP OUT

600mm x 400mm ST05

**DANGER**

**BATTERY  
STORAGE AREA  
NO SMOKING**

600mm x 400mm ST06

**DANGER**

**LP GAS STORAGE  
NO SMOKING OR OPEN  
FLAMES WITHIN 50 FT.**

600mm x 400mm ST07



**NO  
SMOKING**

**CYLINDER  
STORAGE  
AREA**



600mm x 400mm ST08

**CAUTION**



**Hazardous waste  
storage area.  
Restricted entry.**

600mm x 600mm ST09

**DANGER**

**POISON STORAGE AREA  
ALL UNAUTHORIZED PERSONS  
KEEP OUT. KEEP DOORS LOCKED  
WHEN NOT IN USE**

**PELIGRO**

ÁREA DE ALMACENAMIENTO DE VENENO  
TODAS LAS PERSONAS NO AUTORIZADAS  
MANTÉNGANSE AFUERA  
MANTENER LAS PUERTAS CERRADAS CON  
LLAVE CUANDO NO SE ESTÁ USANDO

600mm x 500mm ST10

**DRUM STORAGE RULES**

- ALL DRUMS MUST BE SECURELY CLOSED.
- ALL DRUMS MUST HAVE A COMPLETED WASTE LABEL AFFIXED.
- ALL DRUMS MUST HAVE AN APPROPRIATE HAZARD CLASS LABEL AFFIXED.
- CURRENT DRUM STORAGE AND DISPOSAL LOG MAINTAINED.
- KEEP STORAGE AREA CLEAN AND SWEEPED.
- THINK "SAFETY".



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# SYMBOLIC SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# SYMBOLIC SAFETY SIGNS

## FIRE INFORMATIVE

**SIZES:** 190mm x 190mm  
290mm x 290mm  
440mm x 440mm  
Custom sizes on request



**SFB 1**  
LOC. F/F  
EQUIPMENT



**SFB 2**  
FIRE  
EXTINGUISHER



**SFB 3**  
FIRE HOSE



**SFB 4**  
FIRE HYDRANT



**SFB 5**  
FIRE ALARM



**SFB 6**  
SPRINKLER  
STOP VALVE



**SFB 7**  
FIRE TELEPHONE



**SFB 8**  
FIRE PUMP  
CONNECTION



**SFB 9**  
LOC. F/BLANKET



**SFB 10**  
FIRE MARSHAL



**SFB 11**  
HAND HELD  
EMERGENCY  
SIREN



**SFB 12A**  
FIRE BUCKET



**SFB 12B**  
FIRE BUCKET



**SFB 13**  
LOC. DOWN R  
EQUIPMENT



**SFB 14**  
LOC. DOWN L  
EQUIPMENT



**SFB 15**  
FIRE DOOR



**SFB 16**  
OPEN VALVE  
IN EVEN OF FIRE



**SFB 17**  
FIRE REEL



**SFB 18**  
FIRE LADDER



**SFB 19A**  
FIRE BUCKET



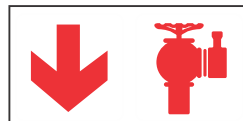
**SFB 19B**  
FIRE BUCKET



**SFB 20**  
FIRE EXTINGUISHER COMBO



**SFB 23**  
FIRE HOSE COMBO



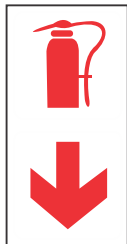
**SFB 26**  
FIRE HYDRANT COMBO



**SFB 29**  
FIRE EXTINGUISHER & HOSE COMBO



**SFB 32**  
FIRE EXTINGUISHER, HOSE & HYDRANT COMBO



**SFB 20**  
FIRE EXTINGUISHER COMBO



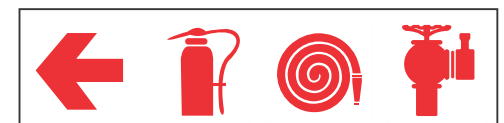
**SFB 20**  
FIRE EXTINGUISHER COMBO



**SFB 20**  
FIRE EXTINGUISHER COMBO



**SFB 30**  
FIRE HOSE & HYDRANT COMBO



**SFB 33**  
FIRE EXTINGUISHER, HOSE & HYDRANT COMBO



**SFB 31**  
FIRE HYDRANT & EXTINGUISHER COMBO



**SFB 34**  
FIRE EXTINGUISHER, HOSE & HYDRANT COMBO



**SIZES:** 190mm x 190mm  
290mm x 290mm  
440mm x 440mm  
Custom sizes on request

# SYMBOLIC SAFETY SIGNS

## GENERAL INFORMATIVE

<b>SGA 1</b> FIRST AID EQUIPMENT	<b>SGA 2</b> GENERAL DIRECTION	<b>SGA 3</b> DIRECTION TO ESCAPE ROUTE	<b>SGA 4</b> DIRECTION TO ESCAPE ROUTE	<b>SGA 5</b> MANNED FIRST AID STATION	<b>SGA 6</b> DRINKING WATER	<b>SGA 7</b> BLASTING POINT	<b>SGA 8</b> TRAVELLING WAY	<b>SGA 9</b> REFUELLING POINT	<b>SGA 10</b> LADIES TOILET	<b>SGA 11</b> GENTS TOILET	
<b>SGA 12</b> REFUGE CHAMBER	<b>SGA 13</b> TELEPHONE	<b>SGA 14</b> WAITING PLACE	<b>SGA 15</b> EMERGENCY TELEPHONE	<b>SGA 16</b> ELECTRIC ISOLATOR SWITCH	<b>SGA 17</b> STAIRS GOING DOWN	<b>SGA 18</b> STAIRS GOING UP	<b>SGA 19</b> EYE WASH	<b>SGA 20</b> SAFETY SHOWER	<b>SGA 21</b> LOCATION OF BOMB BAG	<b>SGA 22</b> ACCESSIBLE TO WHEELCHAIR	
<b>SGA 23</b> KEY	<b>SGA 24</b> BREATHING APPARATUS	<b>SGA 25</b> SHELTER IN PLACE	<b>SGA 26</b> EMERGENCY ASSEMBLY POINT	<b>SGA 27</b> TAP FOR WASHING HANDS	<b>SGA 28</b> HELICOPTER PAD	<b>SGA 29</b> EMERGENCY STOP	<b>SGA 30</b> LIFE BOUY	<b>SGA 31</b> MEDICAL AREA DIRECTION L/R	<b>SGA 32</b> FIRE ALARM	<b>SGA 33</b> TOILET	
<b>SGA 34</b> ESCAPE ROUTE COMBINATION RIGHT	<b>SGA 35</b> ESCAPE ROUTE COMBINATION LEFT	<b>SGA 36</b> ESCAPE ROUTE COMBINATION DOWN	<b>SGA 37</b> ESCAPE ROUTE COMBINATION RIGHT DOWN	<b>SGA 38</b> ESCAPE ROUTE COMBINATION LEFT UP	<b>SGA 39</b> ESCAPE ROUTE COMBINATION LEFT DOWN	<b>SGA 40</b> EXIT RIGHT	<b>SGA 41</b> EXIT LEFT	<b>SGA 42</b> EXIT	<b>SGA 43</b> ESCAPE ROUTE COMBINATION RIGHT	<b>SGA 44</b> ESCAPE ROUTE COMBINATION LEFT	<b>SGA 45</b> ESCAPE ROUTE COMBINATION LEFT UP OR DOWN



# SYMBOLIC SAFETY SIGNS

## MANDATORY INFORMATIVE

**SIZES:** 190mm x 190mm  
290mm x 290mm  
440mm x 440mm  
Custom sizes on request



**SMV 1**  
EYE PROTECTION



**SMV 2**  
RESPIRATORY  
PROTECTION



**SMV 3**  
HEAD  
PROTECTION



**SMV 4**  
HEARING  
PROTECTION



**SMV 5**  
HAND  
PROTECTION



**SMV 6**  
FOOT PROTECTION  
(LIQUIDS)



**SMV 7**  
FOOT PROTECTION  
(STC)



**SMV 8**  
LIFE LINES



**SMV 9**  
APRON  
PROTECTION



**SMV 10**  
FACE  
PROTECTION



**SMV 11**  
AIR/SUP. HOOD  
PROTECTION



**SMV 12**  
DUST MASK  
PROTECTION



**SMV 13**  
AIR EXT. SHALL  
BE USED



**SMV 14**  
KEEP AREA  
CLEAN



**SMV 15**  
SCREENING TO  
BE USED



**SMV 16**  
USE SAFETY  
CAGE



**SMV 17**  
USE EARPLUGS  
PROTECTION



**SMV 18**  
OPEN FLAME  
UNIT



**SMV 19**  
RAIN COAT  
PROTECTION



**SMV 20**  
SAFETY  
HARNES



**SMV 21**  
OVERALL



**SMV 22**  
LONG PANS



**SMV 23**  
SAFETY VEST



**SMV 24**  
HEARING  
PROTECTION



**SMV 25**  
GET OUT OF  
TRUCK



**SMV 26**  
WASH HANDS



**SMV 27**  
KEEP SAFETY  
HARNES ON



**SMV 28**  
KEEP SAFETY  
SCREEN OVER



**SMV 29**  
KEEP SAFETY  
COVER OVER



**SMV 30**  
PUT GUARD ON  
BEFORE WORKING



**SMV 31**  
WEAR WELDING  
MAGS



**SMV 32**  
KEEP LOCKED



**SMV 33**  
SAFETY GLASSES



**SMV 34**  
FACE SHIELD



**SMV 35**  
CHEMICAL SUIT



**SMV 36**  
SEAT BELT



**SMV 37**  
RUBBER GLOVES



**SMV 38**  
APRON MUST  
BE WORN



**SMV 39**  
SWITCH



**SMV 40**  
EAR  
PROTECTION



**SMV 41**  
KNEE GUARD



**SMV 42**  
SAFETY GLASSES  
TO BE WORN



**SMV 43**  
BE AWARE  
AREA



**SMV 44**  
MESH GOGGLES



# SYMBOLIC SAFETY SIGNS

## PROHIBITED INFORMATIVE

**SIZES:** 190mm x 190mm  
290mm x 290mm  
440mm x 440mm  
Custom sizes on request

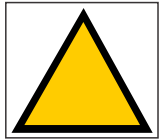
 <b>SPV 1</b> NO SMOKING	 <b>SPV 2</b> NO OPEN FLAMES	 <b>SPV 3</b> NO THOROUGHFARE	 <b>SPV 4</b> NO WATER EXTINGUISHER	 <b>SPV 5</b> NO DRINKING WATER	 <b>SPV 6</b> NO ENTRY	 <b>SPV 7</b> NO CYCLING	 <b>SPV 8</b> NO LONG MATERIAL	 <b>SPV 9</b> NO HAND TRAMMING	 <b>SPV 10</b> NO TRACTORS / FORK LIFTS	 <b>SPV 11</b> DON'T USE COMPRESSED AIR
 <b>SPV 12</b> NO LOOSE CLOTHING	 <b>SPV 13</b> NO DUMPING	 <b>SPV 14</b> DO NOT OBSTRUCT	 <b>SPV 15</b> NO HEAVY VEHICLES	 <b>SPV 16</b> NO VEHICLES	 <b>SPV 17</b> NO LOCO BEYOND	 <b>SPV 18</b> SAFETY HELMETS	 <b>SPV 19</b> NO FIRE-ARMS	 <b>SPV 20</b> NO DOGS	 <b>SPV 21</b> NO CAMERAS	 <b>SPV 22</b> NO ALCOHOL
 <b>SPV 23</b> NO TWO WAY RADIO	 <b>SPV 24</b> NO CELL PHONES	 <b>SPV 25</b> NO SWIMMING	 <b>SPV 26</b> NO CONDOMS	 <b>SPV 27</b> NO FLAMMABLE	 <b>SPV 28</b> NO LIGHTERS	 <b>SPV 29</b> NO CIGARETS	 <b>SPV 30</b> NO FOOD	 <b>SPV 31</b> NO WELDING	 <b>SPV 32</b> NO FOOD OR DRINKS	 <b>SPV 33</b> NO HARD HATS
 <b>SPV 34</b> NO SLEEPING	 <b>SPV 35</b> NO HITCH HIKING	 <b>SPV 36</b> NO LIFTING ON VEHICLES	 <b>SPV 37</b> NO FISHING 1	 <b>SPV 38</b> NO FISHING 2	 <b>SPV 39</b> NO DUMPING IN DRAIN	 <b>SPV 40</b> DO NOT SERVICE	 <b>SPV 41</b> DO NOT WALK UNDER LIFTED EQUIPMENT	 <b>SPV 42</b> DO NOT WALK AROUND MOVING EQUIPMENT	 <b>SPV 43</b> NO PACE MAKERS ALLOWED	 <b>SPV 44</b> DO NOT RIDE ON TROLLEYS
 <b>SPV 45</b> DO NOT CLIMB ON SHELVES	 <b>SPV 46</b> DO NOT TOUCH	 <b>SPV 47</b> DO NOT SWITCH ON	 <b>SPV 48</b> DO NOT ENTER	 <b>SPV 49</b> DO NOT USE WATER	 <b>SPV 50</b> DO NOT USE AS LIFT	 <b>SPV 51</b> DO NOT USE GLOVES	 <b>SPV 52</b> SWITCH ENGINE OFF FOR GASSES	 <b>SPV 53</b> NO DRUGS	 <b>SPV 54</b> NO RUNNING	 <b>SPV 55</b> INCOMPLETE SCAFFOLDING



# SYMBOLIC SAFETY SIGNS

## WARNING INFORMATIVE

**SIZES:** 190mm x 190mm  
290mm x 290mm  
440mm x 440mm  
Custom sizes on request



**SWW 1**  
GENERAL  
WARNING



**SWW 2**  
WRN OF  
FIRE HAZARD



**SWW 3**  
WRN OF  
EXPLOSION



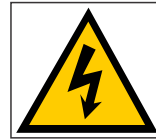
**SWW 4**  
WRN OF  
CORROSION



**SWW 5**  
POISONOUS  
WARNING



**SWW 6**  
IONIZING  
WARNING



**SWW 7**  
WARNING  
ELECT. SHOCK



**SWW 8**  
WRN  
SUSP. LOADS



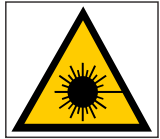
**SWW 9**  
WRN METHANE  
HAZARDS



**SWW 10**  
WRN FRAGILE  
ROOF



**SWW 11**  
BIOLOGICAL  
HAZARD  
WARNINGS



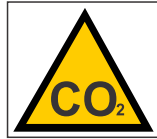
**SWW 12**  
WRN  
LASER HAZARDS



**SWW 13**  
ASBESTOS  
HAZARD  
WARNINGS



**SWW 14**  
WRN WORKERS  
O/HEAD



**SWW 15**  
WRN CARBON  
DIOXIDE



**SWW 16**  
WRN SLIPPERY  
SURFACE



**SWW 17**  
WRN MOVING  
MACHINERY



**SWW 18**  
WARNING COLD  
BURNS



**SWW 19a**  
WARNING  
DOGS



**SWW 19b**  
WARNING  
DOGS  
HAZARDS



**SWW 20**  
WRN FORK LIFTS



**SWW 21**  
WRN FALLING  
MATERIAL FROM  
CONVEYOR



**SWW 22**  
WRN SLIPPERY  
STEPS



**SWW 23**  
WRN HIGH  
VOLTAGE EQUIP.



**SWW 24**  
WRN SWINGING  
BEAM



**SWW 25**  
WRN OF  
EXPLOSION



**SWW 26**  
BEWARE H2



**SWW 27**  
ELECTRO INTERFERENCE  
WITH HEART PACEMAKER



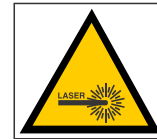
**SWW 28**  
WARNING  
CCTV



**SWW 29**  
WRN  
BE ALERT



**SWW 30**  
WARNING  
ACID



**SWW 31**  
WARNING  
LAZER



**SWW 32**  
WARNING  
CLAMPS



**SWW 33**  
WARNING DISK  
CUTTERS



**SWW 34**  
WARNING  
MINE MACHINES



**SWW 35**  
WARN WHEEL  
CHAIR FRIENDLY  
STEPS



**SWW 36**  
WARNING  
TRUCKS



**SWW 37**  
WARNING  
RADIO WAVES



**SWW 38**  
WARNING  
MAGNETS



**SWW 39**  
WARNING  
COOLED AREA



**SWW 40**  
WARNING  
FALLEN ROCKS



**SWW 41**  
WARNING  
CRUSHING THREAT



**SWW 42**  
WARNING  
BURNING



**SWW 43**  
WARNING  
CONFINED AREA



**SWW 44**  
WARNING  
EXPLOSIVES



**SWW 45**  
WARNING LOW  
HEAD AREA



**SWW 46**  
WARNING  
SLIPPERY FLOOR



**SWW 47**  
WARNING TRAP  
DOOR



**SWW 48**  
WRN HOT MATERIAL  
IN CONTAINER



**SWW 49**  
WARNING ROBOTIC  
EQUIPMENT



**SWW 50**  
WARNING  
LAUDE NOISE



**SWW 51**  
WATCH OUT STEP



**SWW 52**  
WARNING GAS  
CYLINDERS



**SWW 53**  
WARNING  
CORROSIVE  
MATERIAL



**SWW 54**  
WARNING  
CHLORINE



# DANGEROUS GOODS INFORMATIVE



# PICTORIAL STORE & DISTRIBUTION



A



B



C





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# TIP SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# TIP RELATED

1200mm x 600mm TIP01

**WALK LEFT**

**BEWARE OF TIP**

**BEWARE OF TIP**

**WALK RIGHT**

1200mm x 600mm TIP02

Together we can D.M.E.L.A

**STOP**

**TIP RULES**

1. WEAR SAFETY HARNESS
2. USE P.P.E.
3. NO WATER IN TIPS
4. ONLY TIP PERSONNEL IN TIP AREA

600mm x 400mm TIP03

**Beware of the Tip**  
**Pasop vir die Tip**  
**Pasopa lo Tip**

**T**

800mm x 600mm TIP04

**BEWARE OF TIP**

**WALK LEFT**

**TRAVELLING WAY**

1200mm x 600mm TIP05

**TIP AREA**

**NO UNAUTHORISED ENTRY**

**NO WATER IN TIPS OREPASS**

1000mm x 300mm TIP06

**BEWARE TIP CROSSCUT**

800mm x 600mm TIP07

**BEWARE OF TIP**

**WALK LEFT**

**TRAVELLING WAY**

900mm x 300mm TIP08

**REEF TIP**

1000mm x 800mm TIP09

**BEWARE OF TIP**



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# VISTA SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# VISTA SIGN SYSTEM

## What is MCFT?

Flexibility of Design, cont'd...

Example of an exceptionally wide wall mounted frame



## What is MCFT?

Simplicity, cont'd...

Messages can be quickly changed using a sliding insert



## What is MCFT?

Simplicity

- Easy adoption requiring no special tooling
- Cover lens can be removed using a suction cup



Remove Cover Using Suction Cup

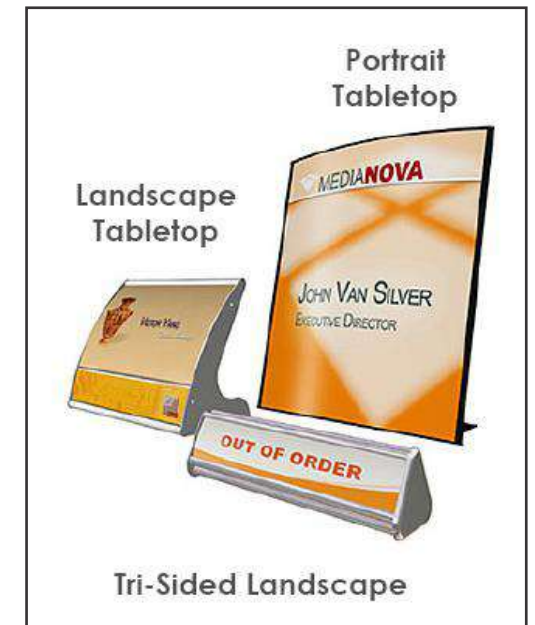
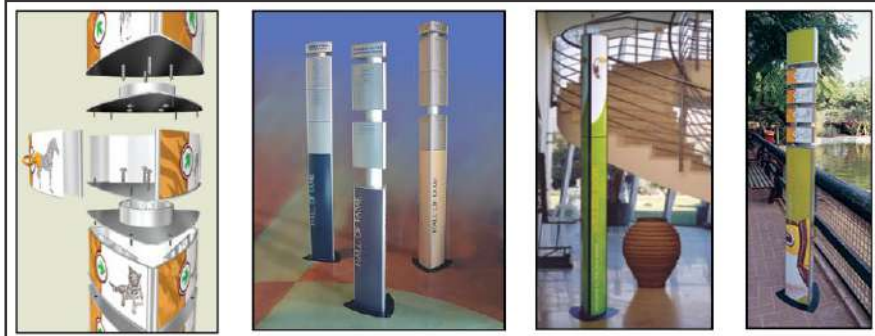
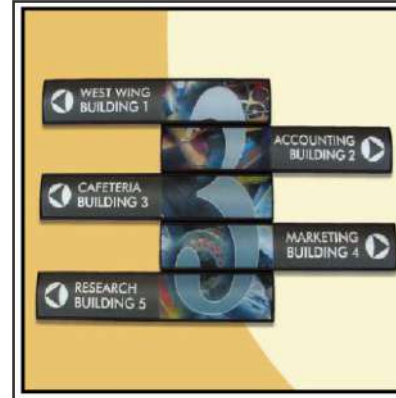


Flex to Insert: Pull to Remove





# VISTA SIGN SYSTEM





**ndikhae**<sup>®</sup>  
TRADING & PROJECTS

# WAITING PLACE & NOTICE BOARDS

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[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)

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# WAITING PLACE & NOTICE BOARDS

1500mm x 1200mm WP01

**SAFETY BULLETIN BOARD**

**SHE POLICY** **SAFETY PLAN** **SAFETY TOPIC** **SAFETY POSTER**

A4 A4 A3

**MAJOR LOSS** **KILLERS** **OFF THE JOB SAFETY**

A4

**EMERGENCY NO**

A5

**TALK TOPIC** **SAFETY PLEDGE** **ENVIRONMENT** **V.O.HLE** **SAFETY REPS**

1720mm x 1100mm WP02

**THORNCLIFFE - EASTERN MINES SAFETY NOTICE BOARD**

<b>SAFETY</b> Safety Repts A4	<b>HEALTH</b> Topics Spectrum	<b>ENVIRONMENT</b> Topics Spectrum	<b>FLASHES</b> DME News Spectrum	<b>ARTICLES</b> Spectrum
<b>Topics</b> Spectrum	<b>Well ness news</b> Spectrum	<b>Policy</b> Spectrum	<b>Plant News</b> Spectrum	<b>Spectrum</b>
<b>Safety status</b> Spectrum	<b>Ventilation</b> Spectrum	<b>Incidents</b> Spectrum	<b>HPRI plants</b> Spectrum	<b>Spectrum</b>

4000mm x 1200mm WP03

**THEMBELANI MINE** SAFE Profitable Platinum

AngloAmerican

SHE POLICY HEARING CONSERVATION POLICY HBY POLICY

MINING TALK TOPIC ENGINEERING TALK TOPIC LOGISTIC TALK TOPIC ENVIRONMENTAL TALK TOPIC WELLNESS STANDARDS STANDARDS

SAFETY REPRESENTATIVES SAFETY REPRESENTATIVES CRITICAL FOCUS AREAS CRITICAL FOCUS AREAS MEETING MINUTES PLANNING MINUTES SPECIAL INSTRUCTIONS VENTILATION REPORT GEOLOGY ROCK ENGINEERING REPORT SAFETY REPORT

STRATEGIC THRUST FOCUS SPOTLIGHT EHS TOOLS LOOK OUT FOR LOCOS COMBINED SPACES SAFETY PRINCIPLES RULES FOR LIFE STEPS TO SAFETY GOLDEN RULES OF HARKING PROBABLY SAFER AND HEALTHIER

2200mm x 1220mm WP04

LOGO

WORKING PLACE:

CONNECT PATTERN STOPE PLOTS GANG CARDS

PRODUCTION ROCK ENG REPORT TEAM FILE

SUPPORT STANDARD SAFETY RECORD SAFETY OFFICER'S REPORT

SPECIAL INSTRUCTIONS BONUS HAZARD ID VENTILATION REPORT

IOM REPORT / BRIEF ANNUAL LEAVE PLAN



ndikhae<sup>®</sup>  
TRADING & PROJECTS

# WASTE & REFUGE SIGNS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# WASTE & REFUGE

**750mm x 450mm WR01**

### COLOUR CODING WASTE MANAGEMENT

ORANGE	RED	BLACK	GREEN	GREY
HAZARDOUS WASTE, WELDING RODS, CHEMICALS, USED AEROSOL CANS	FLUORESCENT TUBES, LAMPS	ASBESTOS	DOMESTIC WASTE, PAPER, PLASTIC, GLASS	STEEL, RUBBER, & ELECTRICAL EQUIPMENT

**750mm x 750mm WR02**

### EASTERN PLATINUM ISO 14001

WASTE SORTING BAY REQUIREMENTS FOR SHAFTS AT EASTERN PLATINUM MINE

#### GENERAL WASTE

WHITE	BROWN	DARK GREY	GREEN
PAPER, GLASS & PLASTICS	WOOD	METAL & RUBBER	GENERAL

#### HAZARDOUS WASTE SORTING SITE

YELLOW	ORANGE	RED
HAZARDOUS WASTE	HAZARDOUS WASTE	HAZARDOUS WASTE

CONCRETE FLOOR WITH BUNDED WALLS

**600mm x 450mm WR03**

Murray & Roberts Murray & Roberts Cementation

## ISO 14001 WASTE MANAGEMENT

### BIN COLOUR CODING LEGEND

<b>LIGHT BLUE</b> GENERAL WASTE DISPOSAL DOMESTIC / HOUSEHOLD WASTE BUILDING RUBBLE GARDEN WASTE, PAPER	<b>RED</b> HAZARDOUS WASTE DISPOSAL GREASE AND OIL CONTAMINATED RAGS AEROSOL CANS USED VEHICLE / MACHINE FILTERS "THINNERS" CONTAINERS, ACID & OLD LED BATTERIES, PRINTER CARTRIDGES	<b>GREEN</b> RECYCLABLE WASTE DISPOSAL WOOD, PAPER, COKE TINS, GLASS, PLASTIC SCRAP STEEL	<b>YELLOW</b> HAZARDOUS WASTE DISPOSAL FLUORESCENT TUBES TO BE REMOVED FROM SITE EVERY 90 DAYS
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**1200mm x 720mm WR04**

Murray & Roberts Murray & Roberts Cementation

### WASTE COLOUR CODING

<b>BLUE</b>	<b>GREEN</b>	NON-HAZARDOUS WASTE: NON-RECYCLABLE
<b>WHITE</b>		NON-HAZARDOUS WASTE: RECYCLABLE WASTE
<b>GREY</b>		NON-HAZARDOUS WASTE: STEEL
<b>BROWN</b>		NON-HAZARDOUS WASTE: TIMBER
<b>ORANGE</b>		HAZARDOUS WASTE: HYDROCARBON AND CHEMICALS
<b>RED</b>		HAZARDOUS WASTE: OIL
<b>YELLOW</b>		HAZARDOUS WASTE: FLUORESCENT TUBES
<b>BLACK</b>		HAZARDOUS WASTE: ASBESTOS

**500mm x 500mm WR05**

**WR05 A**

### LIGHT BLUE

GENERAL WASTE DISPOSAL

GENERAL WASTE  
DOMESTIC / HOUSEHOLD WASTE  
BUILDING RUBBLE  
GARDEN WASTE, PAPER

**WR05 B**

### RED

HAZARDOUS WASTE DISPOSAL

HAZARDOUS WASTE  
GREASE AND OIL  
CONTAMINATED RAGS,  
AEROSOL CANS  
USED VEHICLE / MACHINE FILTERS  
"THINNERS" CONTAINERS,  
ACID & OLD LED BATTERIES,  
PRINTER CARTRIDGES

**WR05 C**

### GREEN

RECYCLABLE WASTE DISPOSAL

RECYCLABLE WASTE  
WOOD, PAPER,  
COKE TINS,  
GLASS, PLASTIC  
SCRAP STEEL

**WR05 D**

### YELLOW

FLUORESCENT TUBES

FLUORESCENT TUBES  
TO BE REMOVED FROM  
SITE EVERY 90 DAYS

**600mm x 300mm WR06**

### GENERAL WASTE

PAPER, GARDEN WASTE, TOWEL ROLLERS, PLASTIC BAGS & BOTTLES, CLOTHING, CLEAN PLASTIC CONTAINERS, POLYSTYRENE, FOOD RESIDUE, GLASS, BOXES, COOLDRINK CANS, REEF SAMPLE BAGS.

### HAZARDOUS WASTE

FERTILISERS, SPRINGING BELL CONTAINERS, OIL RAGS, ELECTRICAL CLEAN CONTAINERS, OIL FILTERS, HERBICIDE, PESTICIDE CONTAINERS, CHEMICAL AND OIL CONTAINERS, ANTIFREEZE CONTAINERS, AEROSOL CONTAINERS, THINNERS, PAINT TINS, SIGARETTES, ACCO CONTAINERS, OLD BATTERIES (that cannot be returned), CLEANING CONTAINERS, OIL & DIESEL CONTAMINATED SOIL, OIL & DIESEL CONTAMINATED ABSORBENT MATERIALS.

**1500mm x 900mm WR07**

## HAZARDOUS WASTE

**DANGER**

HAZARDOUS WASTE

**DANGER**

HARMFUL IF SWALLOWED

USE ONLY WITH ADEQUATE VENTILATION AND APPROPRIATE PPE

**DANGER Toxic hazard**



# WASTE & REFUGE

WR09

**1000mm x 1000mm** **WR08**

**INDUSTRIAL WASTE**

- Conveyor belts
- Fiberglass plates
- Pump housings
- Electric cables
- Rubber pipes
- Bolts and nuts
- Roofbolts
- Engine parts
- Air filters
- Brass
- Copper
- Rims
- Tyres
- V-belts

**HAZARDOUS WASTE**

- Fertilizer
- Oil Rags
- Oil filters
- Thinners
- Paint tins
- Degreases
- Anti-freeze containers
- Chlorine containers
- Oil & Diesel contaminated soil
- Splicing glue containers
- Electrical clean containers
- Chemical & Oil containers
- Oil & Diesel contaminated absorbent material
- Herbicide & pesticide containers

**DOMESTIC WASTE**

- Paper
- Garden waste
- Food residue
- Cold drink cans
- Clothing
- Plastic bags and bottles
- Clean plastic containers
- Reef sample bags
- Towel rollers
- Polystyrene
- Boxes
- Glass

**WASTE BINS**

**SPILLAGE CONTROL KIT**

Use contents to control and absorb all spilled oil, grease and chemicals.

Dispose these contaminated materials in hazard waste container.

**600mm x 400mm**

**INDUSTRIAL WASTE**

- Conveyor belts
- Fiberglass plates
- Pump housings
- Electric cables
- Rubber pipes
- Bolts and nuts
- Roofbolts
- Engine parts
- Air filters
- Brass
- Copper
- Rims
- Tyres
- V-belts

**HAZARDOUS WASTE**

- Fertilizer
- Oil Rags
- Oil filters
- Thinners
- Paint tins
- Degreases
- Anti-freeze containers
- Chlorine containers
- Oil & Diesel contaminated soil
- Splicing glue containers
- Electrical clean containers
- Chemical & Oil containers
- Oil & Diesel contaminated absorbent material
- Herbicide & pesticide containers

**DOMESTIC WASTE**

- Paper
- Garden waste
- Food residue
- Cold drink cans
- Clothing
- Plastic bags and bottles
- Clean plastic containers
- Reef sample bags
- Towel rollers
- Polystyrene
- Boxes
- Glass

**SPILLAGE CONTROL KIT**

Use contents to control and absorb all spilled oil, grease and chemicals.

Dispose these contaminated materials in hazard waste container.



**600mm x 400mm** **WR10**

**TIN CANS**

ITHINI THINI

- No pressurized cans
- Soft drink Cans (Containers must be empty)
- Coffee Tins
- Food tins

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**PLASTIC**

IPULASITIKI POLASITIKI

- Plastic Cups & Bottles
- Plastic Stationery & Office Equipment (Containers must be empty)
- Plastic Bags
- Plastic Food Containers

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**PAPER AND CARDBOARD**

IPHEPHA PAMPURI

- Paperboard
- Paper Cardboard
- Office Paper
- Corrugated Cardboard
- Empty Cartons / Boxes
- Empty Cigarette Boxes
- Paper Dairy & Juice Cartons
- Junk Mail
- Phone Books
- Magazines
- Towel Rollers
- Newspapers

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**GLASS**

IGILAZI GALASE

- Glass Bottles
- Broken Glasses (No Globes)
- Glass Containers

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**MIXED DOMESTIC WASTE**

IZIBI EZIHLANGENENO MATLAKALA A KOPAKOPANENG

- Food Residue
- Old Clothing/ PPE
- Garden waste

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**SPILL KIT**

- Broom
- Shovel
- Boom
- Brush
- Scoop
- Gloves
- Absorbent Materials
- Degreaser

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**FLUORESCENT GLOBES SMALL GLOBES ONLY**

IGLOBHU EZINCINANE KUPHELA DITLELOUPU TSE DINNYE

- Small Fluorescent Globes Only

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**FLUORESCENT GLOBES LONG GLOBES ONLY**

IGLOBHU EZINDE DITLELOUPU TSE DI TELELE

- Long Fluorescent Globes Only

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

**HAZARDOUS WASTE**

NENGOZI KOTSI

- Splicing Glue Containers
- Electrical Clean Containers
- Herbicide & Pesticide Containers
- Chemical and Oil Containers
- Old Batteries (That cannot be returned)
- Thinners, PAINT Tins, Degreasers
- Contaminated Absorbent Materials
- Oil contaminated waste
- Oil Rags
- Oil Filters
- Aerosol Containers
- Acid Containers
- Chlorine Containers
- Contaminated Soil
- Anti-Freeze Containers

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL



# WASTE & REFUGE

300mm x 200mm **WR11**

AngloAmerican PLATINUM

**TIN CANS**

ITHINI, THINI

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

WR11 A



1600mm x 1200mm **WR12**

AngloAmerican PLATINUM

**WASTE RECYCLING STATION 8**

<b>FOOD WASTE</b> UKUDLA, DIJO	<b>TIN CANS</b> ITHINI, THINI	<b>PLASTIC</b> IPULASITIKI, POLASITIKI
<b>PAPER &amp; CARDBOARD</b> IPHEPHA, PAMPIRI	<b>GLASS</b> IGILAZI, GALASE	<b>HAZARDOUS WASTE</b> NENGOZI, KOTSI

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

AngloAmerican PLATINUM

**MIXED WASTE**

IZIBI EZIHLANGENEYO  
MATLAKALA A KOPAKOPANENG

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

WR11 B

AngloAmerican PLATINUM

**PLASTIC**

IPULASITIKI, POLASITIKI

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

WR11 E

AngloAmerican PLATINUM

**HAZARDOUS WASTE**

NENGOZI, KOTSI

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

WR11 C

AngloAmerican PLATINUM

**PAPER & CARDBOARD**

IPHEPHA, PAMPIRI

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

WR11 F

AngloAmerican PLATINUM

**FOOD WASTE**

UKUDLA, DIJO

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

WR11 D

AngloAmerican PLATINUM

**GLASS**

IGILAZI, GALASE

**RECYCLE HERE**  
ZERO WASTE TO LANDFILL

WR11 G

1000mm x 500mm **WR13**

AngloAmerican PLATINUM

**WASTE RECYCLING STATION 1**

<b>FOOD WASTE</b> UKUDLA, DIJO	<b>TIN CANS</b> ITHINI, THINI	<b>PLASTIC</b> IPULASITIKI, POLASITIKI	<b>PAPER &amp; CARDBOARD</b> IPHEPHA, PAMPIRI	<b>GLASS</b> IGILAZI, GALASE	<b>HAZARDOUS WASTE</b> NENGOZI, KOTSI
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**RECYCLE HERE**  
ZERO WASTE TO LANDFILL



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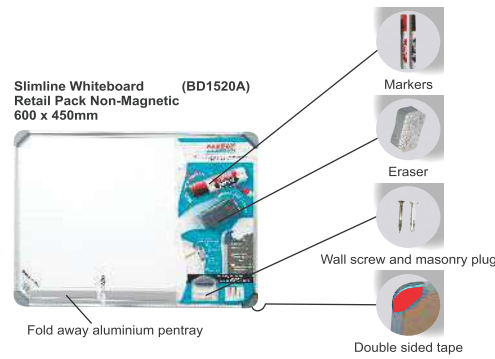
PARROT

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



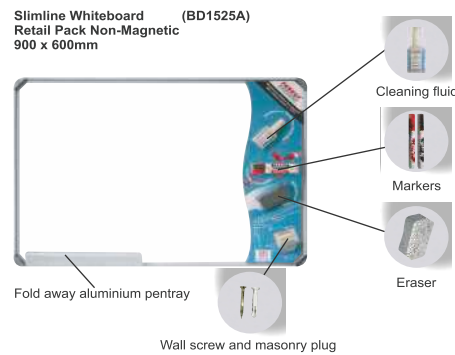
# WHITE BOARDS

## Slimline Whiteboards Non-Magnetic & Magnetic



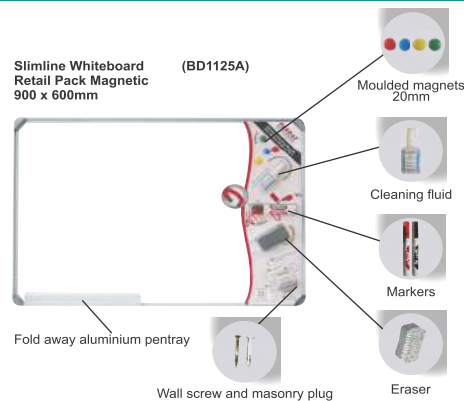
### Product Features

- Concealed mounting (wall screws and masonry plugs supplied, 6mm).
- Supplied with double-sided tape.
- Fold away aluminium pentry.
- Anodised aluminium frame.
- Can be mounted horizontally or vertically.
- Includes mounting instructions.
- Non-Magnetic retail pack includes:  
2 Whiteboard Markers  
1 Whiteboard Non-Magnetic Eraser  
Double sided tape
- Slimline frame 18mm wide.



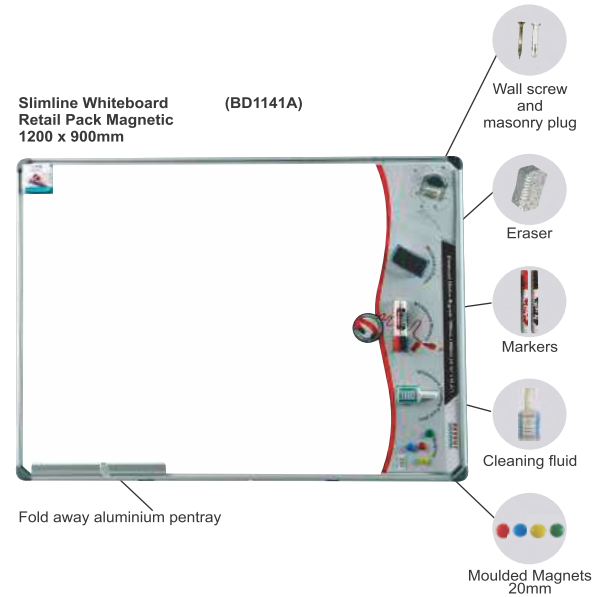
### Product Features

- Concealed mounting (wall screws and masonry plugs supplied, 6mm).
- Fold away aluminium pentry.
- Anodised aluminium frame.
- Can be mounted horizontally or vertically.
- Includes mounting instructions.
- Non-Magnetic retail pack includes:  
28ml Office Equipment & Whiteboard Cleaner  
2 Whiteboard Markers  
1 Whiteboard Non-Magnetic Eraser
- Slimline frame 18mm wide.



### Product Features

- Magnetic receptive steel surface.
- Concealed mounting (wall screws and masonry plugs supplied, 6mm).
- Fold away aluminium pentry.
- Anodised aluminium frame.
- Can be mounted horizontally or vertically.
- Includes mounting instructions.
- Magnetic retail pack includes:  
4 Moulded Magnets (20mm)  
28ml Office Equipment & Whiteboard Cleaner  
2 Whiteboard Markers  
1 Whiteboard Non-Magnetic Eraser
- Slimline frame 18mm wide.



### Product Features

- Magnetic receptive steel surface.
- Concealed mounting (wall screws and masonry plugs supplied, 6mm).
- Fold away aluminium pentry.
- Anodised aluminium frame.
- Can be mounted horizontally or vertically.
- Includes mounting instructions.
- Magnetic retail pack includes:  
4 Moulded Magnets (20mm)  
28ml Office Equipment & Whiteboard Cleaner  
2 Whiteboard Markers  
1 Whiteboard Non-Magnetic Eraser
- Slimline frame 18mm wide.

CODE	DESCRIPTION	SIZE
BD1515	Slimline Whiteboard Non-Magnetic*	300 x 450mm
BD1520	Slimline Whiteboard Non-Magnetic*	600 x 450mm
BD1525	Slimline Whiteboard Non-Magnetic	900 x 600mm
BD1528	Slimline Whiteboard Non-Magnetic	900 x 900mm
BD1541	Slimline Whiteboard Non-Magnetic	1200 x 900mm
BD1520A	Slimline Whiteboard Retail Pack Non-Magnetic*	600 x 450mm
BD1525A	Slimline Whiteboard Retail Pack Non-Magnetic	900 x 600mm
BD1115	Slimline Whiteboard Magnetic*	300 x 450mm
BD1120	Slimline Whiteboard Magnetic*	600 x 450mm
BD1125	Slimline Whiteboard Magnetic	900 x 600mm
BD1128	Slimline Whiteboard Magnetic	900 x 900mm
BD1141	Slimline Whiteboard Magnetic	1200 x 900mm
BD1125A	Slimline Whiteboard Retail Pack Magnetic	900 x 600mm
BD1141A	Slimline Whiteboard Retail Pack Magnetic	1200 x 900mm

\* Supplied with double sided tape.

• All Slimline boards also available without retail packs. Supplied with wall screws and double-sided tape where applicable\* and fold away pentry.

• Slimline Whiteboard 300 x 450mm Non-Magnetic, 600 x 450mm Non-Magnetic and 600 x 450mm Retail Pack Non-Magnetic supplied with double-sided tape.

• No Cleaning Fluid supplied with the Non-Magnetic Retail Pack - 600 x 450mm.

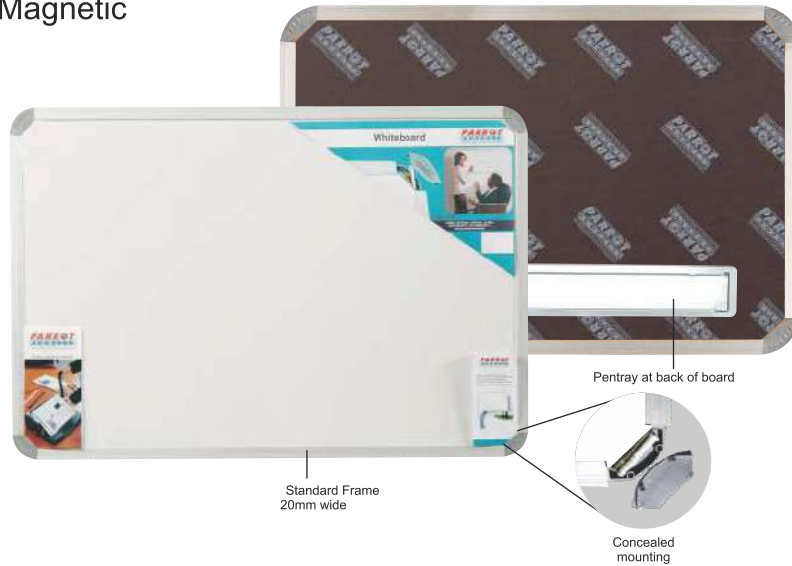
• Slimline frame 18mm wide.





# WHITE BOARDS

## Whiteboards Non-Magnetic



### Non - Magnetic

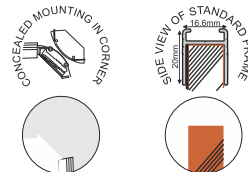
CODE	DESCRIPTION	SIZE
BD1220	Whiteboard Non-Magnetic	600 x 450mm
BD1225	Whiteboard Non-Magnetic	900 x 600mm
BD1228	Whiteboard Non-Magnetic	900 x 900mm
BD1241	Whiteboard Non-Magnetic	1200 x 900mm
BD1244	Whiteboard Non-Magnetic	1000 x 1000mm
BD1248	Whiteboard Non-Magnetic	1200 x 1000mm
BD1252	Whiteboard Non-Magnetic	1200 x 1200mm
BD1260	Whiteboard Non-Magnetic	1500 x 1200mm
BD1261	Whiteboard Non-Magnetic	1500 x 900mm
BD1268	Whiteboard Non-Magnetic	1800 x 1200mm
BD1269	Whiteboard Non-Magnetic	1800 x 900mm
BD1270	Whiteboard Non-Magnetic	2000 x 1200mm
BD1276	Whiteboard Non-Magnetic	2400 x 1200mm
BD1284	Whiteboard Non-Magnetic	3000 x 1200mm

Boards larger than 1500 x 1200mm are supplied with two 450x35mm pentrays.

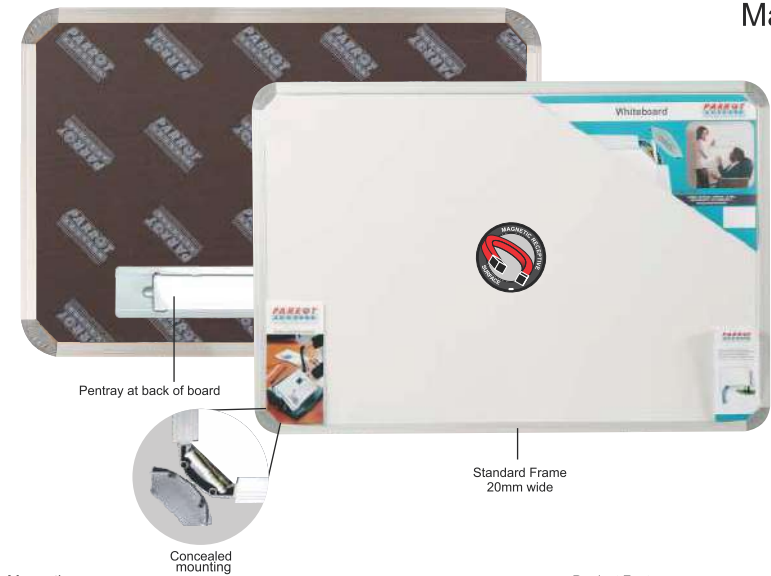
Pricing for full length pentrays available on request

### Product Features

- Concealed mounting (wall screws and masonry plugs supplied, 6mm).
- Additional mounting brackets for boards larger than 1500mm.
- Slide-in aluminium pentray (450 x 35mm).
- Pentray packed in back of board to ensure no damages while being transported.
- Can be used with the Easy Rail System (see page 23).
- Anodised aluminium frame.
- Can be mounted horizontally or vertically.
- Includes mounting instructions.



## Whiteboards Magnetic



### Magnetic

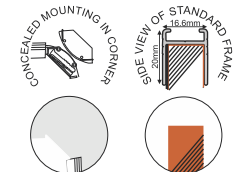
CODE	DESCRIPTION	SIZE
BD0920	Whiteboard Magnetic	600 x 450mm
BD0925	Whiteboard Magnetic	900 x 600mm
BD0928	Whiteboard Magnetic	900 x 900mm
BD0941	Whiteboard Magnetic	1200 x 900mm
BD0944	Whiteboard Magnetic	1000 x 1000mm
BD0948	Whiteboard Magnetic	1200 x 1000mm
BD0952	Whiteboard Magnetic	1200 x 1200mm
BD0960	Whiteboard Magnetic	1500 x 1200mm
BD0961	Whiteboard Magnetic	1500 x 900mm
BD0968	Whiteboard Magnetic	1800 x 1200mm
BD0969	Whiteboard Magnetic	1800 x 900mm
BD0970	Whiteboard Magnetic	2000 x 1200mm
BD0976	Whiteboard Magnetic	2400 x 1200mm
BD0984	Whiteboard Magnetic	3000 x 1200mm

Boards larger than 1500 x 1200mm are supplied with two 450x35mm pentrays.

Pricing for full length pentrays available on request

### Product Features

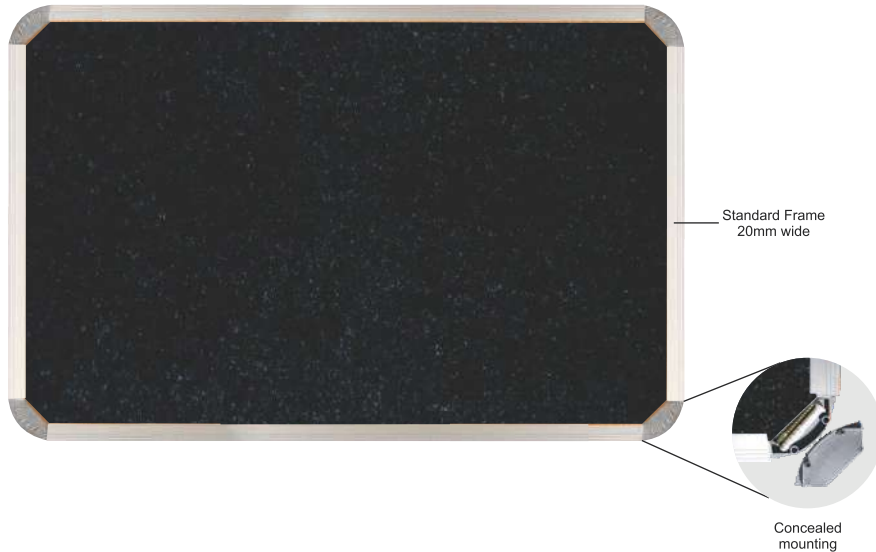
- Magnetic receptive steel surface.
- Concealed mounting (wall screws and masonry plugs supplied, 6mm).
- Additional mounting brackets for boards larger than 1500mm.
- Slide-in aluminium pentray (450 x 35mm).
- Pentray packed in back of board to ensure no damages while being transported.
- Can be used with the Easy Rail System (see page 23).
- Anodised aluminium frame.
- Can be mounted horizontally or vertically.
- Includes mounting instructions.





# Bulletin Boards

Aluminium Frame, Carpet

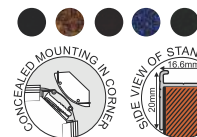


CODE	DESCRIPTION	SIZE
BD0420	Bulletin Board Carpet Aluminium Frame	600 x 450mm
BD0425	Bulletin Board Carpet Aluminium Frame	900 x 600mm
BD0428	Bulletin Board Carpet Aluminium Frame	900 x 900mm
BD0441	Bulletin Board Carpet Aluminium Frame	1200 x 900mm
BD0444	Bulletin Board Carpet Aluminium Frame	1000 x 1000mm
BD0448	Bulletin Board Carpet Aluminium Frame	1200 x 1000mm
BD0452	Bulletin Board Carpet Aluminium Frame	1200 x 1200mm
BD0460	Bulletin Board Carpet Aluminium Frame	1500 x 1200mm
BD0461	Bulletin Board Carpet Aluminium Frame	1500 x 900mm
BD0468	Bulletin Board Carpet Aluminium Frame	1800 x 1200mm
BD0469	Bulletin Board Carpet Aluminium Frame	1800 x 900mm
BD0470	Bulletin Board Carpet Aluminium Frame	2000 x 1200mm
BD0476	Bulletin Board Carpet Aluminium Frame	2400 x 1200mm
BD0484	Bulletin Board Carpet Aluminium Frame	3000 x 1200mm

### Product Features

- Concealed mounting (wall screws and masonry plugs supplied, 6mm).
- Additional mounting brackets for boards larger than 1500mm.
- Can be used with the Easy Rail System (See page 23).
- Anodised aluminium frame.
- Can be mounted horizontally or vertically.
- Includes mounting instructions.
- Velcro friendly.

Available carpet colours - ex stock:  
 Laurel(Grey - X), Spice(Beige - Q), Tropical(Maroon - T),  
 Denim(Blue - C), Palm(Green - Z).  
 - Dye lots may vary



# Pin Boards

No Frame, Felt

CODE	DESCRIPTION	SIZE
BD0115	Pin Board	450 x 300mm
BD0120	Pin Board	600 x 450mm
BD0125	Pin Board	900 x 600mm

### Product Features

- Mounting hooks included.
- No frame.
- Can be mounted horizontally or vertically.



Available felt colours - ex stock:  
 Colour codes: Black(B), Grey(L), Royal Blue(D),  
 Burgandy(U), Orange(O), Green(G), Red(R), Lime(C).



Felt colours - made to order (lead times apply)  
 Colour codes: Sky(S), Beige(F),  
 Pink(P), Yellow(Y), Purple(A).



- Felt dye lots may vary

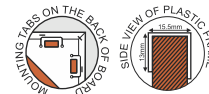
# Pin Boards

Frame, Felt

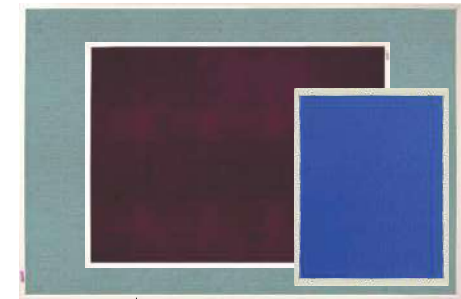
CODE	DESCRIPTION	SIZE
BD0220	Info Board	600 x 450mm
BD0225	Info Board	900 x 600mm
BD0241	Info Board	1200 x 900mm

### Product Features

- Mounting tabs included.
- White plastic frame.
- Can be mounted horizontally or vertically.



Available felt colours - ex stock:  
 Colour codes: Black(B), Grey(L), Royal Blue(D),  
 Burgandy(U), Orange(O), Green(G), Red(R), Lime(C).



Plastic Frame 13mm wide

Felt colours - made to order (lead times apply)  
 Colour codes: Sky(S), Beige(F),  
 Pink(P), Yellow(Y), Purple(A).



- Felt dye lots may vary  
 - Cork surface(K) made to order (with plastic frame and aluminium frames only)



# Poster Frames

## A4 Plastic Poster Frame



Frame 31mm wide

CODE	DESCRIPTION	SIZE
BG4004	Poster Frame A4 Plastic Slide-in	257 x 343mm

### Product Features

- Grey matte plastic.
- Frame 31mm wide.
- Easy to change poster display - slides in from top.
- Double sided tape included to mount plastic poster frame.
- Non-reflective media cover.

## Plastic Corner

CODE	DESCRIPTION	SIZE	POSTER SIZE	VIEWING SIZE
BG3100	Poster Frame A0 Plastic Corner	1250 x 900mm	1189 x 841mm	1184 x 834mm
BG3101	Poster Frame A1 Plastic Corner	900 x 655mm	841 x 594mm	834 x 589mm
BG3102	Poster Frame A2 Plastic Corner	655 x 480mm	594 x 420mm	589 x 414mm
BG3103	Poster Frame A3 Plastic Corner	480 x 360mm	420 x 297mm	414 x 294mm
BG3104	Poster Frame A4 Plastic Corner	360 x 270mm	297 x 210mm	294 x 204mm



Frame 33mm wide



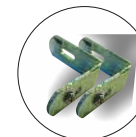
Spring action frame

### Product Features

- Grey matte plastic corner.
- Aluminium frame 33mm wide.
- Spring action frame.
- Quick and easy poster display change.
- Mounting screws and wall plugs included.
- Non-reflective media cover supplied - see page 76 for additional plexiglass cover options.

# Display Cases

## Display Cases - Sliding Doors



Mounting brackets



Security lock with 2 keys



Sliding glass doors

CODE	DESCRIPTION	SIZE
BD3841	Display Case Pinning Board (sliding doors)	1200 x 900mm x 60mm
BD3860	Display Case Pinning Board (sliding doors)	1500 x 1200mm x 60mm
BD3925	Display Case Letter Board (sliding doors)	900 x 600mm x 60mm
BD3941	Display Case Letter Board (sliding doors)	1200 x 900mm x 60mm
BD3960	Display Case Letter Board (sliding doors)	1500 x 1200mm x 60mm

### Product Features

- Mounting brackets (wall screws and masonry plugs supplied, 6mm).
- Toughened glass - 4mm with finger grooves.
- Aluminium frame with reinforced plastic corners.
- Inside usable depth - 25mm.
- Outside depth - 60mm.
- Security lock with 2 keys built into frame.
- Sliding doors.
- Can be mounted on T-Legs. (T-legs made to order)

Available felt colours - ex stock:  
Colour codes: Black(B), Grey(L), Royal Blue(D), Green(G), Red(R), Burgandy(U).



- Felt dye lots may vary

### Product Features

- Mounting brackets (wall screws and masonry plugs supplied, 6mm).
- Toughened glass - 4mm.
- Aluminium frame with reinforced plastic corners.
- Inside usable depth - 25mm.
- Outside depth - 60mm.
- Security lock with 2 keys built into door frame.
- Lockable hinged door.
- Packed for retail.
- Weather resistant.
- Can be mounted on T-Legs. (T-legs made to order)

Available felt colours - ex stock:  
Colour codes: Black(B), Grey(L), Royal Blue(D), Green(G), Red(R), Burgandy(U).



Mounting brackets



Lockable door with 2 keys



Packed for Retail



Display Case mounted on T-Legs.



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# POSTERS

[www.ndikhaesheq.co.za](http://www.ndikhaesheq.co.za)



# POSTERS ( A WIDE VARIETY OF TOPIC RELATED POSTERS ARE AVAILABLE ON REQUEST )

ALL POSTERS CAN BE PERSONALISED WITH A COMPANY LOGO, OR WITH DIFFERENT TEXT

POSTER 01



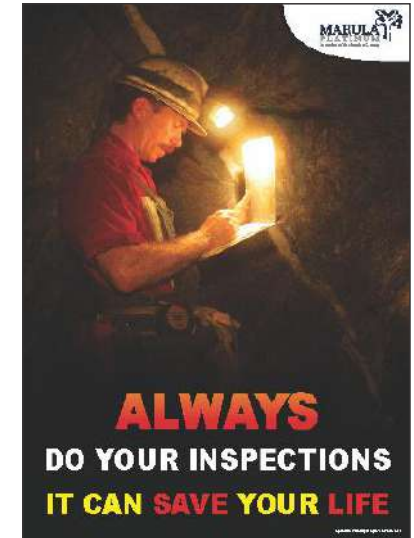
POSTER 02



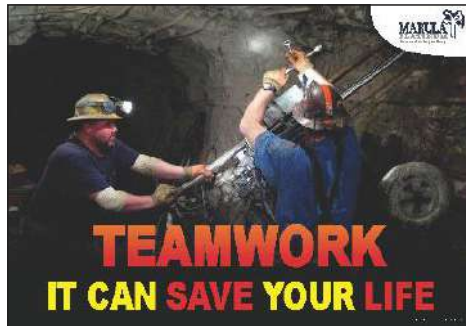
POSTER 03



POSTER 04



POSTER 05



POSTER 06



POSTER 07



POSTER 08



POSTER 09



POSTER 10



POSTER 11





# POSTERS (Eye Protection)

EYE 01



EYE 02



EYE 03



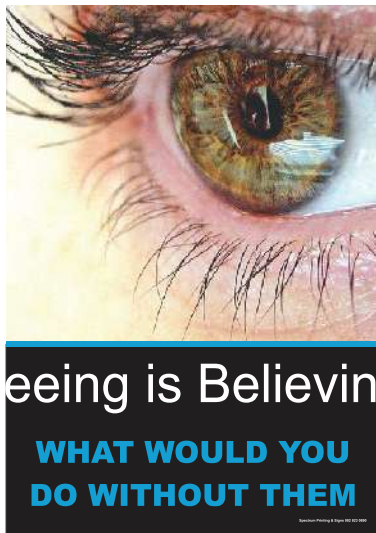
EYE 04



EYE 05



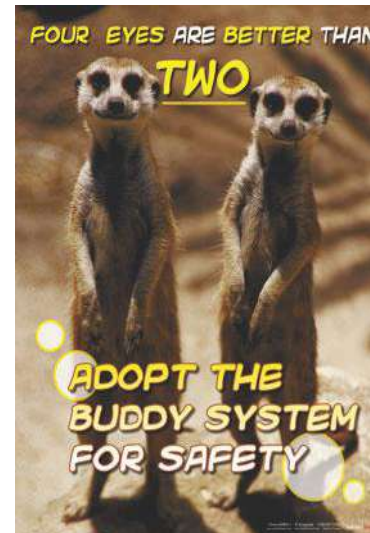
EYE 06



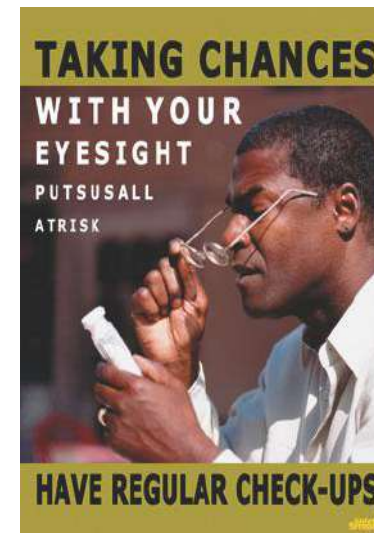
EYE 07



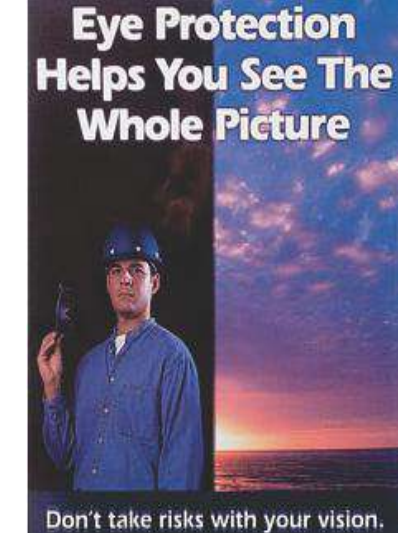
EYE 08



EYE 09



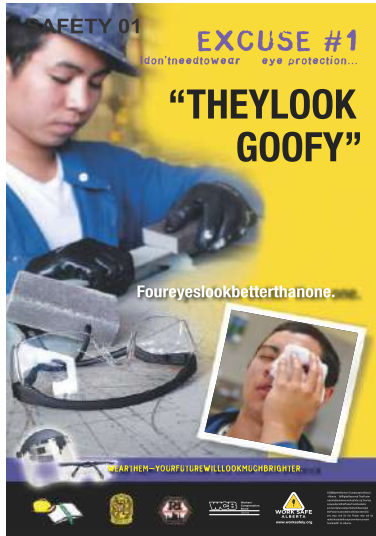
EYE 10



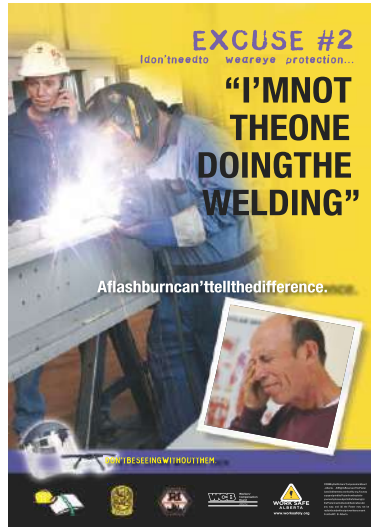


# POSTERS (Eye Protection)

EYE 11



EYE 12



EYE 13



EYE 14



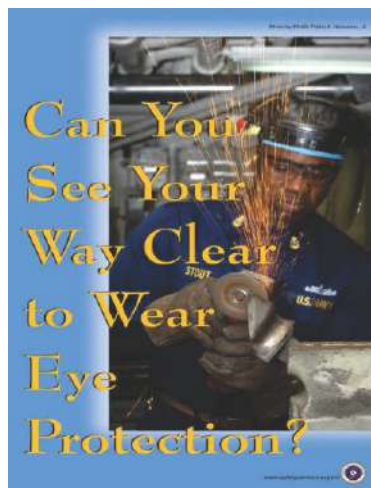
EYE 15



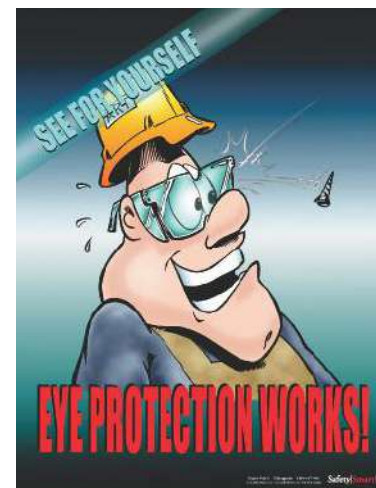
EYE 16



EYE 17



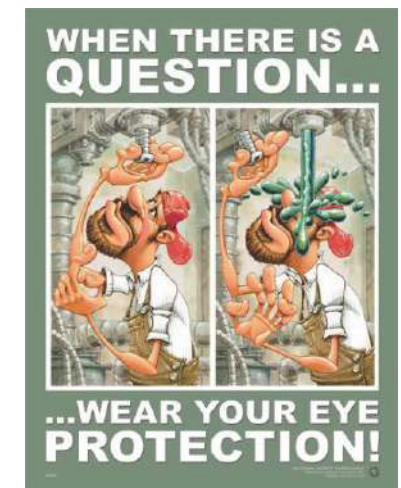
EYE 18



EYE 19



EYE 20





# POSTERS (Hand Protection)

HANDS 01



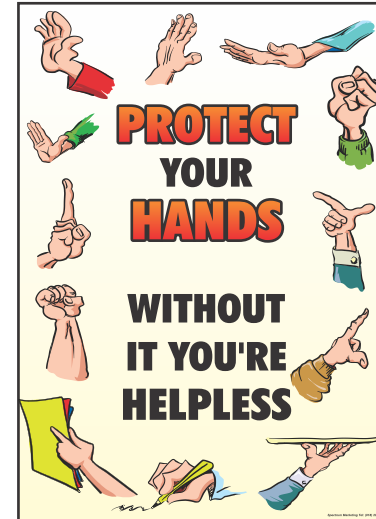
HANDS 02



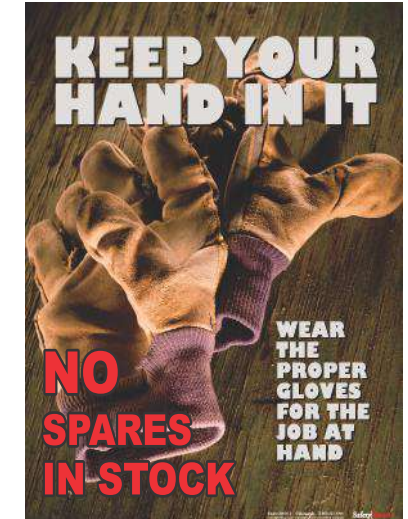
HANDS 03



HANDS 04



HANDS 05



HANDS 06



HANDS 07



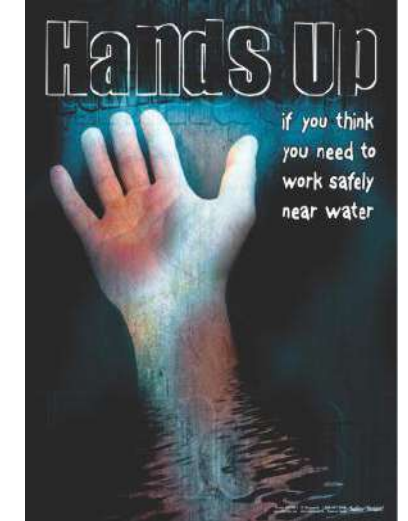
HANDS 08



HANDS 09



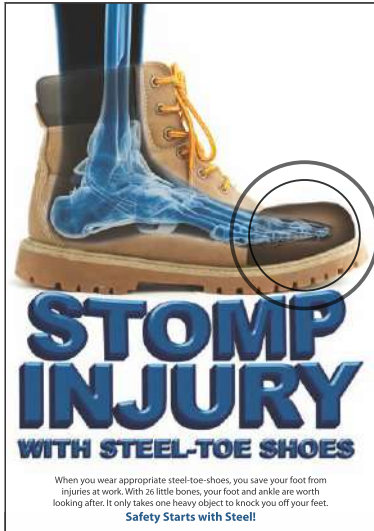
HANDS 10





# POSTERS (Feet, dust & Ventilation)

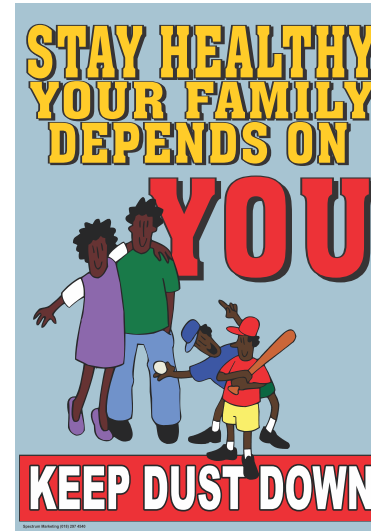
FEET 01



DUST 01



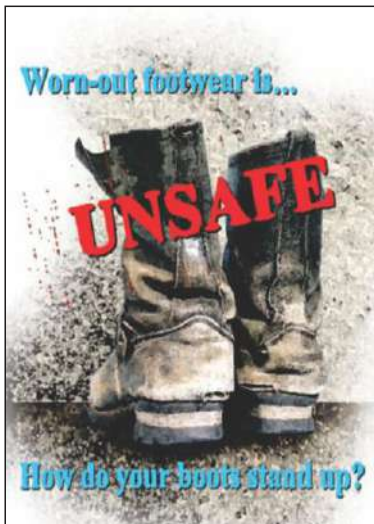
DUST 02



VENT 01



FEET 02



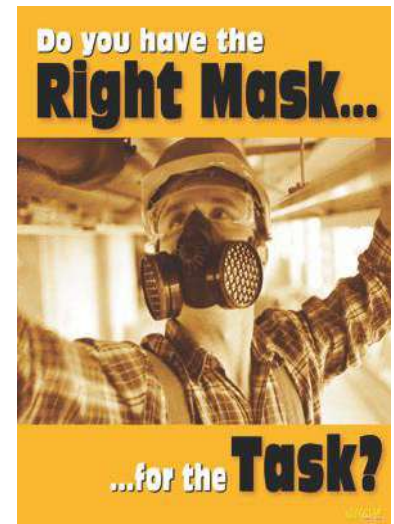
DUST 03



DUST 04



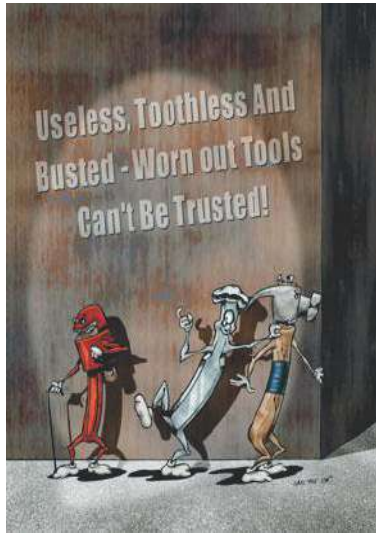
VENT 02



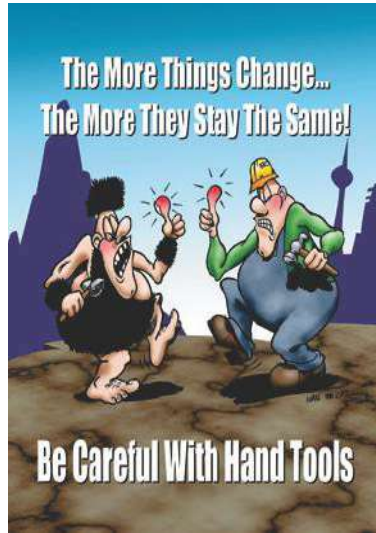


# POSTERS (Tools)

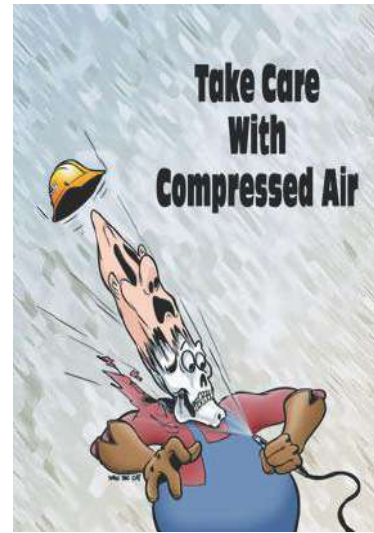
TOOLS 01



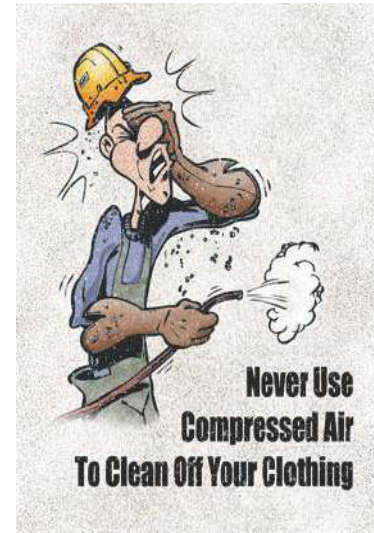
TOOLS 02



TOOLS 03



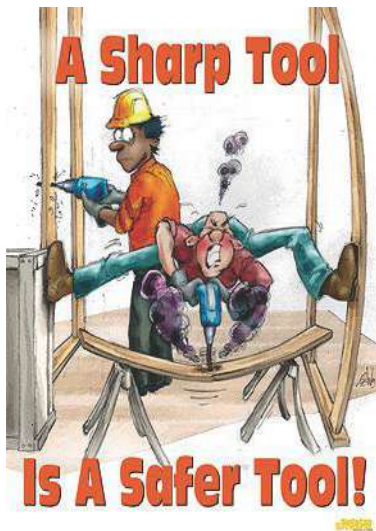
TOOLS 04



TOOLS 05



TOOLS 06



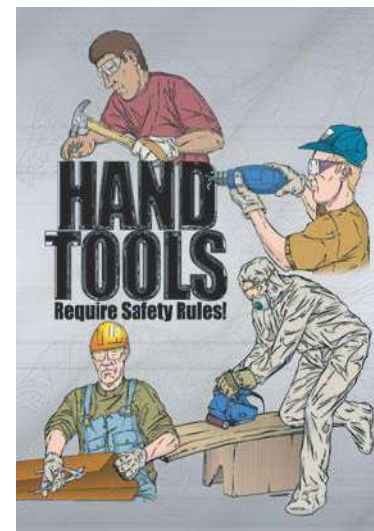
TOOLS 07



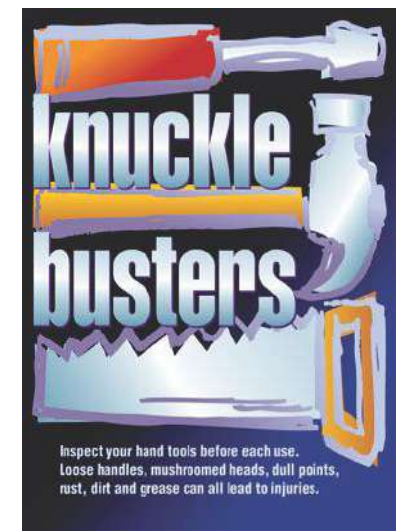
TOOLS 08



TOOLS 09



TOOLS 10





# POSTERS (Pollution)

600mm x 400mm

**ENVIRONMENTAL AWARENESS TOPIC**  
**"Spills Procedure"**

- BE PREPARED**  
Put everything you need to cope with a spill under lock and key.
- BE SAFE**  
Identify who has authority over spill clean-up. Notify Safety Data Sheet (SDS).
- STOP THE SOURCE**  
Put everything that has spilled under lock and key.
- PROTECT STORMWATER**  
Block drains to prevent spillage from entering stormwater drains. Notify the Environmental Health Officer (EHO) if the spill is a spill of a hazardous substance.
- CALL FOR HELP**  
If the spill has got too big for you, call a professional spill response contractor or the Environmental Health Officer (EHO).
- DO YOU NEED TO NEUTRALISE IT?**  
If you are unsure, contact a professional spill response contractor for advice.
- COLLECT THE SPILL**  
Wipe up spills or absorb them. Place them in a spill bag and seal it.
- CLEAN UP**  
Clean up spill, making sure that all spill material is removed. Dispose of it in the correct way.

**"Save our earth - it's the only home we have"**

**ENVIRONMENTAL AWARENESS TOPIC**  
**"Hazardous Chemicals"**

**Plan for spills**  
**Keep waste under control**  
**Don't let liquid wastes empty into stormwater drains**

**"Save our earth - it's the only home we have"**

**ENVIRONMENTAL AWARENESS TOPIC**  
**"Oil Use and Storage"**

**A little oil can be a big problem**  
**Protect stormwater drains**  
**Supervise all deliveries**  
**Label all containers**

**"Save our earth - it's the only home we have"**

**ENVIRONMENTAL AWARENESS TOPIC**  
**"Waste Handling"**

**Plan for spills**  
**Keep waste under control**  
**Don't let waste reach stormwater drains**

**"Save our earth - it's the only home we have"**

**ENVIRONMENTAL AWARENESS TOPIC**  
**"Cleaning Areas"**

**Contain spills**  
**Mark cleaning area clearly**  
**Don't drain cleaning areas into stormwater drains**

**"Save our earth - it's the only home we have"**

**ENVIRONMENTAL AWARENESS TOPIC**  
**"Storage of Hazardous Substances"**

**Supervise all deliveries**  
**Label all containers**  
**Protect bulk storage with a bund wall**

**"Save our earth - it's the only home we have"**

**ENVIRONMENTAL AWARENESS TOPIC**  
**"Material Handling"**

**Know your drains**  
**Carry carefully**  
**Protect stormwater drains**  
**Train all staff**

**"Save our earth - it's the only home we have"**

600mm x 400mm

**NO DRINKING WATER**  
**NO LIFE**

**STOP Water Pollution**

**NO SOIL TO PLANT**  
**NO FOOD**

**STOP Soil Pollution**

**KILL OUR EARTH**

**STOP Chemical Pollution**

**ACID RAIN WILL DESTROY EVERYTHING**

**STOP Acid Rain**

600mm x 400mm

**NO Compromise!**

**SAVE our trees and they will save YOU**

**ZERO TOLERANCE**

**Take charge**

**Put out FIRES and start new LIFE**

**ZERO TOLERANCE**



## POSTERS (Aids)

AIDS 01

FRONT

**A** → **Abstain**  
**B** → **Be Faithful**  
**C** → **Condomise**

Spectrum Marketing Tel: 082 823 0890

BACK

**DWARSRIVIER MINE**

**ASSMANG**  
CHROME

**HIV/AIDS**  
Voluntary Counselling  
and Testing!

Spectrum Marketing Tel: 082 823 0890

AIDS 02

HEALTH AND SAFETY

**Protect Yourself.**  
**Only you can**  
**stop AIDS today**

One Team One Vision With Pride

**MARULA**  
PLATINUM  
Member of the Implats Group

AIDS 04

**“HIV/AIDS**  
Voluntary Counselling  
and Testing!”

AIDS 03

**WORLD AIDS DAY**  
**1 DEC**

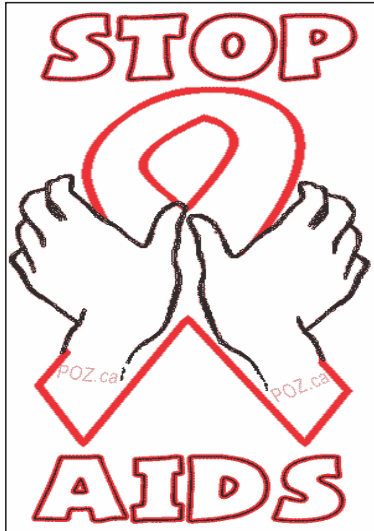
AIDS 05

**Do you know your HIV / AIDS Status?**



# POSTERS (Aids)

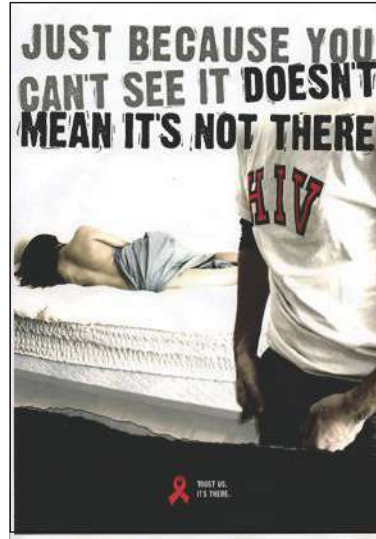
AIDS 09



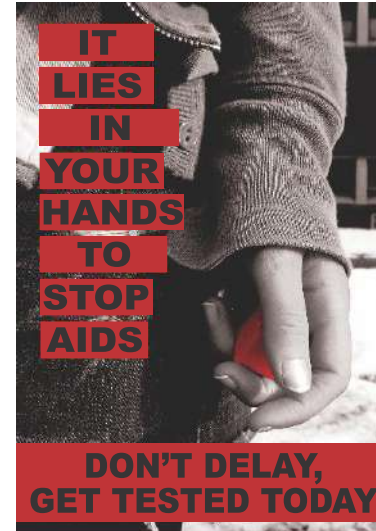
AIDS 10



AIDS 11



AIDS 12



AIDS 13



AIDS 06



AIDS 08



AIDS 07





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# ROAD TRAFFIC SIGNS

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# COMMAND : ROAD SIGNS


SABS STANDARD SIZES:  
600mm, 900mm & 1200mm

 <p>R101 Minimum Speed Limit</p>	 <p>R102 Vehicles Exceeding Mass Only</p>	 <p>R103 Keep Left</p>	 <p>R104 Keep Right</p>	 <p>R106A Proceed Left Only</p>	 <p>R106B Proceed Right Only</p>	 <p>R107 Proceed Straight Only</p>	 <p>R108 Turn Left</p>
 <p>R109 Turn Right</p>	 <p>R110 Pedestrians Only</p>	 <p>R111 Pedal Cycles Only</p>	 <p>R112 Pedal Cycles &amp; Pedestrians Only</p>	 <p>R113 Pedal Cycles &amp; Pedestrians Only</p>	 <p>R114 Pedal Cycles &amp; Pedestrians Only</p>	 <p>R115 Pedal Cycles &amp; Pedestrians Only</p>	 <p>R116 Motor Cycles Only</p>
 <p>R117 Motor Cars Only</p>	 <p>R118 Taxis Only</p>	 <p>R119 Mini Buses Only</p>	 <p>R120 Midi Buses Only</p>	 <p>R121 Buses Only</p>	 <p>R122 Delivery Vehicles Only</p>	 <p>R123 Goods Vehicles Only</p>	 <p>R124 Goods Vehicles Over Indicated GVM Only</p>
 <p>R125 Construction Vehicles Only</p>	 <p>R126 Vehicles Conveying Dangerous Goods Only</p>	 <p>R127 Abnormal Vehicles Only</p>	 <p>R128 Rickshaws Only</p>	 <p>R129 Tour Buses Only</p>	 <p>R130 Agricultural Vehicles Only</p>	 <p>R131 Animal-Drawn Vehicles only</p>	 <p>R132 Pay Toll Sign</p>
 <p>R133 Switch Headlights On</p>	 <p>R134 Buses &amp; Mini Buses only</p>	 <p>R135 Buses &amp; Mini Buses only</p>	 <p>R136 Buses, Midi Buses, and Mini Buses Only</p>	 <p>R137 Roundabout Sign</p>	 <p>R138 Trams Only</p>	 <p>R139 Buses and Trams Only</p>	 <p>R104 Buses, Trams, and Mini Buses Only</p>



















# CONTROL : ROAD SIGNS

SABS STANDARD SIZES:  
600mm, 900mm & 1200mm

<b>R1</b>  Stop sign	<b>R1.1</b>  Stop sign	<b>R1.2</b>  Stop and Yield sign	<b>R1.3</b>  3-Way Stop sign	<b>R1.4</b>  4-Way Stop sign	<b>R1.5</b>  Stop/Go sign	<b>R2</b>  Yield sign	<b>R2.1</b>  Yield to Pedestrians
<b>R2.2</b>  Yield at Mini-Circle	<b>R3</b>  No Entry Sign	<b>R4.1</b>  One-Way Roadway	<b>R4.2</b>  One-Way Roadway	<b>R4.3</b>  One-Way Roadway	<b>R5</b>  Pedestrian Priority Sign	<b>R6</b>  Yield to oncoming traffic sign	

# TEMPORARY : ROAD SIGNS

SABS STANDARD SIZES:  
600mm, 900mm & 1200mm

<b>Tw328</b>  Road Narrows From Both Sides	<b>Tw331</b>  Uneven Roadway Sign	<b>Tw332</b>  Speed Bumps Sign	<b>Tw335</b>  Slippery Road Sign	<b>Tr214</b>  No Overtaking	<b>Tw347</b>  Temporary Police Flashing light	<b>-</b>  Traffic Control Ahead	<b>Tw343</b>  Scholar Patrol Ahead
<b>Tw336</b>  Roadwork's Sign	<b>Tw337</b>  Grader Working Sign	<b>Tw340/1</b>  Surface Step Sign	<b>Tw342</b>  Soft Shoulder Sign	<b>Tw343</b>  Stop/Go Control Ahead	<b>Tw344</b>  Construction Vehicles Crossing	<b>Tw353</b>  Accident Ahead Sign	<b>Tw401</b>  Hazard Marker Sign



# PROHIBITED : ROAD SIGNS







































SABS STANDARD SIZES:  
600mm, 900mm & 1200mm

<p>R201 Speed Limit Sign</p>	<p>R202 Mass Limit</p>	<p>R203 Axle Mass Load Limit</p>	<p>R204 Height Limit</p>	<p>R205 Length Limit</p>	<p>R206 Excessive Noise Prohibited</p>	<p>R207 Hitch-Hiking Prohibited</p>	<p>R208 Unauthorised Vehicles Prohibited</p>
<p>R209 Left Turn Ahead</p>	<p>R210 Right Turn Ahead</p>	<p>R211 Left Turn Prohibited</p>	<p>R212 Right Turn Prohibited</p>	<p>R213 U-Turn Prohibited</p>	<p>R214 Overtaking Prohibited</p>	<p>R215 Overtaking by Goods Vehicle Prohibited</p>	<p>R216 Parking Prohibited</p>
<p>R217 Stopping Prohibited</p>	<p>R218 Pedestrians Prohibited</p>	<p>R219 Pedal Cycles Prohibited</p>	<p>R220 Pedal Cycles and Pedestrians Prohibited</p>	<p>R221 Motor Cycles</p>	<p>R222 Motor Cars Prohibited</p>	<p>R223 Taxis Prohibited</p>	<p>R224 Mini Buses Prohibited</p>
<p>R225 Midi Buses Prohibited</p>	<p>R226 Buses Prohibited</p>	<p>R227 Delivery Vehicles Prohibited</p>	<p>R228 Goods Vehicles Prohibited</p>	<p>R229 Goods Vehicles Over Indicated GVM Prohibited</p>	<p>R230 Construction Vehicles Prohibited</p>	<p>R231 Vehicles conveying Dangerous goods prohibited</p>	<p>R232 Abnormal Vehicles prohibited</p>
<p>R233 Rickshaws Prohibited</p>	<p>R234 Tour Buses Prohibited</p>	<p>R235 Agricultural Vehicles Prohibited</p>	<p>R236 Animal-Drawn Vehicles Prohibited</p>	<p>R237 Horses and Riders Prohibited</p>	<p>R238 Width Limit Sign</p>	<p>R239 Towed Vehicles Prohibited</p>	<p>R240 Hawkers Prohibited prohibited</p>



# WARNING : ROAD SIGNS







































SABS STANDARD SIZES:  
600mm, 900mm & 1200mm

 <p>W306 Pedestrian Crossing</p>	 <p>W307 Pedestrians Sign</p>	 <p>W308 Children Sign</p>	 <p>W309 Cyclists</p>	 <p>W310 Farm Animals Sign</p>	 <p>W311 Farm Animals Sign</p>	 <p>W312 Farm Animals Sign</p>	 <p>W313 Wild Animals Ahead</p>
 <p>W318 Railway Crossing Sign</p>	 <p>W318 Tunnel Sign</p>	 <p>W320 Height Restriction Sign</p>	 <p>W321 Length Restriction Sign</p>	 <p>W322 Steep Descent Sign</p>	 <p>W323 Steep Ascent Sign</p>	 <p>W324 Slow Moving Heavy Vehicles</p>	 <p>W325 Gravel Road Begins</p>
 <p>W331 Uneven Roadway Sign</p>	 <p>W332 Speed Bumps Sign</p>	 <p>W333 Slippery Road Sign</p>	 <p>W334 Falling Rocks Sign</p>	 <p>W335 Falling Rocks Sign</p>	 <p>W339 General Warning Sign</p>	 <p>W346 Emergency Flashing light</p>	 <p>W348 Jetty Edge or River bank</p>
 <p>W349 Crosswinds Sign</p>	 <p>W350 Drift Sign</p>	 <p>W351 Low Flying Aircraft</p>	 <p>W352 Agricultural Vehicle</p>	 <p>W354 Reduced Visibility</p>	 <p>W355 Congestion Sign</p>	 <p>W356 Horses and Riders Sign</p>	 <p>W357 Elephant Sign</p>
 <p>W358 Warthog Sign</p>	 <p>W359 Hippo Sign</p>	 <p>W360 Width Restriction Sign</p>	 <p>W361 Electrical Shock Sign</p>	 <p>W362 Tram Sign</p>	 <p>W363 Gravel Road Ends Sign</p>		



# WARNING : ROAD SIGNS

SABS STANDARD SIZES:  
600mm, 900mm & 1200mm

 <p>W306 Pedestrian Crossing</p>	 <p>W307 Pedestrians Sign</p>	 <p>W308 Children Sign</p>	 <p>W309 Cyclists</p>	 <p>W310 Farm Animals Sign</p>	 <p>W311 Farm Animals Sign</p>	 <p>W312 Farm Animals Sign</p>	 <p>W313 Wild Animals Ahead</p>
 <p>W318 Railway Crossing Sign</p>	 <p>W318 Tunnel Sign</p>	 <p>W320 Height Restriction Sign</p>	 <p>W321 Length Restriction Sign</p>	 <p>W322 Steep Descent Sign</p>	 <p>W323 Steep Ascent Sign</p>	 <p>W324 Slow Moving Heavy Vehicles</p>	 <p>W325 Gravel Road Begins</p>
 <p>W331 Uneven Roadway Sign</p>	 <p>W332 Speed Bumps Sign</p>	 <p>W333 Slippery Road Sign</p>	 <p>W334 Falling Rocks Sign</p>	 <p>W335 Falling Rocks Sign</p>	 <p>W339 General Warning Sign</p>	 <p>W346 Emergency Flashing light</p>	 <p>W348 Jetty Edge or River bank</p>
 <p>W349 Crosswinds Sign</p>	 <p>W350 Drift Sign</p>	 <p>W351 Low Flying Aircraft</p>	 <p>W352 Agricultural Vehicle</p>	 <p>W354 Reduced Visibility</p>	 <p>W355 Congestion Sign</p>	 <p>W356 Horses and Riders Sign</p>	 <p>W357 Elephant Sign</p>
 <p>W358 Warthog Sign</p>	 <p>W359 Hippo Sign</p>	 <p>W360 Width Restriction Sign</p>	 <p>W361 Electrical Shock Sign</p>	 <p>W362 Tram Sign</p>	 <p>W363 Gravel Road Ends Sign</p>		



TAX NO.: 9636554165

SACPCMP REG NO.: Can CHSA/200/2022

SAOISH REG: CHARTERED MEMBER

Construction Health & Safety Agent

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