



# **LOOSE FIRE CONTROL EQUIPMENT**

9 kg DRY POWDER 4.5 kg DRY POWDER  
4.5 kg CO<sub>2</sub> 4.5 kg CO<sub>2</sub>  
HOSE REEL  
TYPES OF EXTINGUISHERS SHALL BE CO<sub>2</sub> ON GENERAL PURPOSE DRY POWDER. ALL EXTINGUISHERS SHALL BE COMPLETE WITH A CARRYING HANDLE, WALL MOUNTING BRACKET, TUBE AND NOZZLE. AND SHALL BE EASILY RE-CHARGEABLE.  
EXTERNALLY LOCATED EXTINGUISHERS SHALL BE MOUNTED IN A WEATHERPROOF WALL MOUNTED CABINET WITH A LOCKED DOOR HAVING A KEY IN THE DOOR BEHIND A BREAK-GLASS COMPARTMENT.

**NOTE:**  
WHERE CABLE SLOTS ARE REQUIRED IN FLOOR STEEL TRAY DECKING IS TO REMAIN AND SLOTS IN CONCRETE SLAB ONLY TO BE PROVIDED

**NOTE:**  
TRFR'S 1 TO BE OF TYPE "A"  
ON ESC. DWG. 063/5406 SHT. 2  
FOR UP TO 2000 kVA

**NOTE:**  
TRFR'S 2 TO BE OF TYPE "A"  
ON ESC. DWG. 063/5406 SHT. 3  
FOR 3150 kVA

## **DOOR SCHEDULE**

DOOR N°	QUANTITY	HAND & WALL THICKNESS				FRAME / DOOR TYPE	ORG. 063/480 SHEET N°
		LEFT HAND	RIGHT HAND	DOUBLE	DOOR		
D1	1	115	230	280	115	230	37
D2	1				1	230	38

**NOTE:**  
MASTERKEYS (INCL. ALL CYLINDER LOCKS)  
CONSTRUCTION: C.A.F.F.  
PERMANENT: T.N.E.A. sub suite "B"

## **FACTORY INSPECTORS SCHEDULE**

ROOM N°	DESIGNATION	FLOOR AREA M <sup>2</sup>	WINDOW AREA M <sup>2</sup>		AIR COND.	ILLUMIN. LUX	GLARE INDEX	NUMBER PERSONS	% NAT. LIGHT
			FIXED	OPENING					
1	SWITCH GEAR ROOM	301.7 m <sup>2</sup>	—	6.5 m <sup>2</sup>					

## **NOTES:**

1. LIGHT DUTY "CESCO" WATERPROOFING Laid by SPECIALISTS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND FALLS TO 10mm Ø "FLUORE" OUTLETS ON 10mm SLOPED TOP OF OUTLET FLANGE TO FINISH FLUSH WITH TOP OF SCREEDING & WATERPROOFING SECURELY DRESSED INTO OUTLET & UP AGAINST FASCIA UPSTAND TO DETAIL.
2. 15x20 mm FASCIA GROOVE & DRIP TO DETAIL.
3. 50 mm Ø GALVANIZED M.S. RAINWATER SPOUT TO DETAIL.
4. 100 mm Ø "FLUORE" OUTLETS WITH 100 mm Ø CALV. M.S. RAINWATER DOWNPIPES DISCHARGING MIN. 250 mm ABOVE G.L.
5. ALL EXPOSED CONCRETE SURFACES TO BE SMOOTH OFF SHUTTER CONCRETE FINISH IN STEEL SPUTTERING WITH 15 mm BEVELLED EDGES TO DETAIL.
6. 1000 x 500 x 1000 x 300 mm ANGLE IRON LOUVRES WELDED TO 50 x 50 mm ANGLE SUBFRAME IN PRESSED METAL FRAME SURROUND & BUILT INTO WALL TO DETAIL.
7. STANDARD DOORS & FRAMES AS PER DOOR SCHEDULE AND BUILT INTO WALL TO DETAIL.
8. DISTRIBUTION BOARD: 1 x 50 Ø POLYETHYLENE CABLE ENTRY PIPE IN ACCORDANCE WITH S.A.B.S. 533 TYPE 1 CLASS 3 BROUGHT UP THROUGH FLOOR WITH GENTLE RADIUS BEND AND UP AGAINST INTERNAL FACE OF CONCRETE WALL TERMINATING 75 mm ABOVE F.F.L. AND EXTENDING 400 mm BEYOND EXTERNAL FACE OF CONCRETE WALL PIPE TO BE SUPPLIED AND INSTALLED BY BUILDING CONTRACTOR.
9. 200 mm THICK CONCRETE FLOOR TO ENGINEERS DRAWINGS AND DETAILS WITH "STERNSON" COLORHARD INDUSTRIAL NON METALLIC FLOOR HARDENER FINISHED WITH "STERNSON" FLORESAL TO MANUFACTURERS SPECIFICATION TO ENGINEERS DETAILS & DRAWINGS.
10. FOUNDATIONS, BEAMS & SLABS TO ENGINEERS DETAILS & DRAWINGS.
11. SHUTTERING AND PROFILE TO DETAIL AND SPECIFICATION.
12. 100 mm Ø M.S. CABLE SLEEVES IN CONCRETE BEAMS TO ENGINEERS DETAILS TERMINATING AT F.F.L. WITH SMOOTH ROUNDED INTERNAL EDGES.
13. ALL CABLE OPENINGS TO BE SEALED OFF WITH VERMICULITE FLUSH WITH F.F.L. AFTER COMPLETE CABLE INSTALLATION.

**NOTE:**  
FOR STANDARD SUB STATION DETAILS SEE DRAWING 063/567

0,000-1459,890

REV	AUTH	DATE	REVISIONS/REVIEWS	BY	CHKD	REFERENCE DRAWINGS
1	0	13/11/2013	1st ISSUE / REVISIONS			
2	0	13/11/2013	2nd ISSUE / REVISIONS			
3	0	13/11/2013	3rd ISSUE / REVISIONS			
4	0	13/11/2013	4th ISSUE / REVISIONS			
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**LETHABO POWER STATION**  
SUBSTATION SOUTH  
PLANS, SECTIONS & ELEVATIONS  
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