

REINFORCEMENT DETAILS

SCHEDULE FOR REINFORCEMENT (CONC. MIX M30 GRADE)		
SIZE IN MM	MILD STEEL OR HARD DRAWN STEEL ALONG LENGTH - MAIN	HARD DRAWN STEEL FOR RING - SPIRAL.
1000x300x25	DIA 4 MM x 990 MM LONG x 3 NOS. HORIZONTAL	DIA 2.95 MM x 10 NOS, RING - SPIRAL.

DIMENSIONAL DETAILS
1) LENGTH - 1000 MM
2) INNER DIA - 250 MM
3) OUTER DIA - 300 MM
4) THICKNESS - 25 MM
5) GRADE OF CONCRETE - M30
6) CONSIDERING REF I.S. CODE - 458-2003

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TABLE -2 PAGE NO.7
FOR NP2 - 250 MM INNER DIA
INNER DIMETER -250 MM
OUTER DIAMETER - 300 MM
TOTAL WEIGHT OF MAIN BARS - KG
TOTAL WEIGHT OF SPIRAL BARS -KG

NOTE:-
ALL DIMENSIONS ARE IN MM.

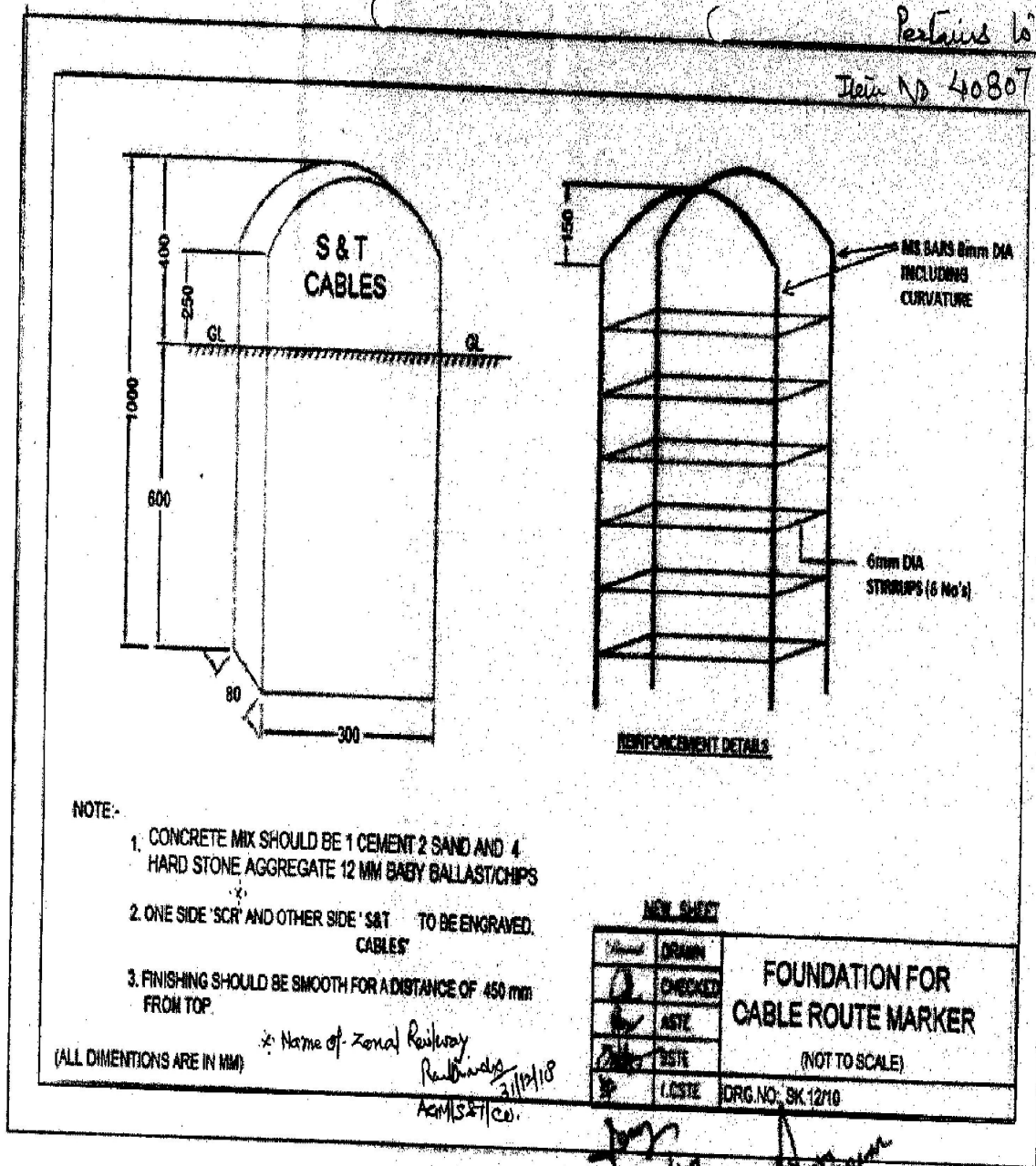
			C. RLY. SIGNAL AND TELECOM BSL DIVISION	
			RCC HALF ROUND PIPE INNER DIAMETER 250mm.	
JE/DRG/BSL	SSE/WKS/BSL	ADSTE/WKS/BSL	NOT TO SCALE	C. RLY. DRG. No. DRM/S&T/BSL/13

True RMS Industrial Logging Multimeter Specifications		
Function		
DC volts	Range / resolution	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V
	Basic accuracy	0.025%
AC volts	Range / resolution	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V
	Basic accuracy	0.4% (True-RMS)
DC current	Range / resolution	500.00 μA, 5000.0 μA, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
	Basic accuracy	0.05%
AC current	Range / resolution	500.00 μA, 5000.0 μA, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
	Basic accuracy	0.6% (True-RMS)
Temperature (excluding probe)	Range / resolution	-200.0°C to 1350.0°C (-328.0°F to 2462.0°F)
	Basic accuracy	1.0%
Resistance	Range / resolution	50.000 Ω, 500.00 Ω, 5.0000 kΩ, 50.000 kΩ, 500.00 kΩ, 5.0000 MΩ, 50.00 MΩ, 500.0 MΩ
	Basic accuracy	0.05%
Capacitance	Range / resolution	1.000 nF,10.00 nF 100.0 nF, 1.000 μF, 10.00 μF, 100.0 μF, 1000 μF, 10.00 mF, 100 mF
	Basic accuracy	1.0%
Frequency	Range / resolution	99.999 Hz, 999.99 Hz, 9.9999 kHz, 99.999 kHz, 999.99 kHz
	Basic accuracy	0.005%
Connectivity	Optional infrared connector via Fluke ir3000 FC	
General Specifications		

Maximum voltage between any terminal and earth ground	1000 V	
Battery type	6 AA alkaline batteries, IECLR6	
Battery life	100 hours minimum, 200 hours in logging mode	
Temperature	Operating	-20°C to 55°C
	Storage	-40°C to 60°C
Relative humidity	0 to 90% (0 to 37°C), 0 to 65% (37°C to 45°C), 0 to 45% (45°C to 55°C)	
Electromagnetic compatibility	EMC EN61326–1	
Vibration	Random vibration per MIL-PRF-28800F Class 2	
Shock	1 meter drop per IEC/EN 61010–1 3rd Edition	
Size (H x W x L)	22.2 x 10.2 x 6 cm (8.75 x 4.03 x 2.38 in)	
Weight	870.9 g (28 oz)	
Multiple on screen displays	Yes	
True-RMS AC bandwidth	100 kHz	
dBV/dBm	Yes	
DC mV resolution	1 µV	
Megohm range	Up to 500 MΩ	
Conductance	50.00 nS	
Continuity beeper	Yes	
Battery/fuse access	Yes/Yes	
Elapse time clock	Yes	
Time of day clock	Yes	

Min-max-avg	Yes
Duty cycle	Yes
Pulse width	Yes
Isolated optical interface	Yes
Auto/touch hold	Yes
Reading memory	Yes
Log to PC	Yes
Interval/event logging	Yes
Logging memory	Up to 15,000 readings
Wireless connectivity (optional)	Yes

060



AC/DC Clamp on Ammeter Specification

- **Measuring Range** - 0 - 40 A DC or AC pk
- **Auto ranging** - 4A / 40A
- **Resolution** - 1 mA in 4 A range 10 mA in 40 A range
- **Basic Accuracy** - $\pm 1.3\%$ + 5 digits
- **Temperature coefficient** - $\pm 0.05\%$ of rdg / °C
- **Frequency range** - DC in DC 40 Hz to 400 Hz in AC
- **Overload capacity** - 150 A
- **Dielectric strength** - 3.7 kV RMS. 50 Hz 60s (EN61010-2-032 Cat III, 300V Pollution Degree 2)
- **Operating temperature** - 0°C to + 50°C
- **Battery removed** – (- 20°C to + 60°C)
- **Power supply** - 9 V, Alkaline battery PP3, NEDA 1604 or IEC6LR61
- **Battery life** -15 hours dependent duty cycle
- **Display** - 4000 count
- **Characters** - 10 mm high
- **Max. jaw capacity** - 19 mm \varnothing cable

Annexure for One Set (Multi-Type Register)				
S.No.	Description of Register	Unit	Register Required	No.of Pages each register contains
1	Joint Point and Crossing Register for TWS (220mm)	No.	1	100 (Each Page Contains two Quarter)
2	SMC-14 (Meggering Register)	No.	1	100

