

Earth Resistance Measurement Report

Report No: IT/209		Date: 18/05/2016	
Name & address of the Customer: M/s Saral Diagnostics Pitampura, New Delhi- 110 0034		Tel:	
Purchase Order ref:		To be completed:	Days
Name of the contact person/s: Shri Sunil Khemani	Dept:	Tel: 91 9810141102	
Electrode/s Installation undertaken by: Our Delhi CP M/s Elan Earth Tech, New Delhi	Installation Completed on: 30th Apr 16		

Soil Resistivity Measurements of location, if available Ω -m: Not Available	Soil Found: Sandy & wet soil (Gara)
---	--

Specifications of the Earth Electrode/s / Grid/s :	Marconite Conductive Concrete Earth Electrodes with 17.2 mm Dia Cu bonded MS and 16 mm Copper rods. Grids electrodes are horizontally interconnected with Marconite embedded Cu bonded MS flat of 25 mm X 5 mm.				
	Type of Electrode/s	Sr. Nos.	Length	Dia	Qty.
	16 mm Copper rod	1	12000 mm	80 mm	1 nos.
	17.2 mm Cu bonded MS rods	2,3,5,6 & 7	12000 mm	80 mm	5 nos.
	17.2 mm Cu bonded MS rods	4,8 & 9	10500 mm	80 mm	3 nos.

Use/s of Electrode/s :	Connected to Medical equipment like MRI, CT Scan, Xray etc.
------------------------	---

Measurement Carried out by: Sh. K K Gupta	Date: 17/05/2016
Method of Measurement: Fall of Potential Method	Standard Applicable: CI 36 of IS 3043

Testing Instrument Used: Digital Earth Tester	Make: MEGGER	Model: DET4TD2
Sr. no of Testing Instrument: 101139510	Calibration ref: No. 1000/347/10713/9510 valid up to 18/08/2016. Copy of certificate attached.	

Earth Resistance Measurement Results :	Electrodes / Grids ref	Location	Value Measured - Ω	Maximum Acceptable Value - Ω
	1	Left side of main gate	2.09 Ω	< 2 Ω
	2	Left side of main gate	1.14 Ω	< 2 Ω
	3	Left side of main gate	1.30 Ω	< 2 Ω
	4	Left side of main gate	1.46 Ω	< 2 Ω
	5	Passage of main gate	1.14 Ω	< 2 Ω
	6	Passage of main gate	1.22 Ω	< 2 Ω
	7	Right side of main gate	0.97 Ω	< 2 Ω
	8	Right side of main gate	1.19 Ω	< 2 Ω
	9	Right side of main gate	1.18 Ω	< 2 Ω
	Grid of 1 & 3	Left side of main gate	0.97 Ω	< 1 Ω
	Grid of 2 & 4	Left side of main gate	0.86 Ω	< 1 Ω
	Grid of 7,8 & 9	Right side of main gate	0.73 Ω	< 1 Ω



(Signature)
(K K Gupta)
Inter-Tech, New Delhi