

## Earth Resistance Measurement Report

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

Soil Resistivity Measurements of location, if available $\Omega$ -m: <b>Not Available</b>	Soil Found: <b>Sandy &amp; wet soil (Gara)</b>
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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.
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Measurement Carried out by: <b>Sh. K K Gupta</b>	Date: <b>17/05/2016</b>
Method of Measurement: <b>Fall of Potential Method</b>	Standard Applicable: <b>CI 36 of IS 3043</b>

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

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



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