

INTER - TECH

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Completion cum Earth Resistance Measurement Report

Report No: **IT/167**

Date: **12/11/2014**

Name & address of the Customer :

Saket City Hospital, Saket, New Delhi - 17

Tel: 011 4069 9999

Purchase Order ref :

SCH/WO no 1053/2014-15 dated 16/10/2014

To be completed : In Ten Days

Name of the contact person/s :

Sh. Abhey Gupta

Dept: Head Engg & Maint

Tel:

Sh. Alok Sharma

Dept: Head Bio Medical Engg

Tel: 98 103 88006

Electrode/s Installation undertaken by :

Inter -Tech, New Delhi

Installation Completed on :

22/10/2014

Soil Resistivity Measurements of location, if available Ω -m : Not Available

Soil Found: Generally Normal

Specifications of the Earth Electrode/s :

Marconite Conductive Concrete Earth Electrodes with MS Conductor Dia 16 mm with bimetal test links.

Type of Electrode/s	Sr. Nos.	Length	Dia	Qty.
A	1 - 4	9000 mm	100 mm	4 nos.
B	5 - 7	6000 mm	100 mm	3 nos.

Note Electrode nos. 1 & 2 are inter-connected with 11.80 m Long, 16 mm Dia Marconite Conductive Concrete embedded MS Conductor.

Use/s of Electrode/s :

Type A : RFK -1 & 2 / MRI - 3 / CT Scanner - 4

Type B : UPS1 Neutral - 5, UPS2 Neutral - 6 and UPS1&2 Body - 7

Measurement Carried out by :

Sh. Amarjeet Singh, Inter-Tech

Date : 12/11/2014

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 01/06/2015. Copy of certificate attached.

Earth Resistance Measurement Results :	Electrode no	Value Measured - Ω	Minimum Acceptable Value - Ω	Electrode no	Value Measured - Ω	Minimum Acceptable Value - Ω
	1 & 2	0.57	< 1 Ω	5	1.45	< 5 Ω
3	0.93	< 1 Ω	6	1.46	< 5 Ω	
4	0.98	< 1 Ω	7	1.40	< 5 Ω	

Measurement/s witnessed by :

(K K Gupta)
Inter-Tech
New Delhi

(Alok Sharma)
Head Bio Medical Engg
Saket City Hospital

(Abhey Gupta)
Head Engg & Maint.
Saket City Hospital

(Vichitra Kumar)
Philips - FSE

