

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 Sh. Alok Sharma	Dept: Head Engg & Maint Dept: Head Bio Medical Engg Tel: 98 103 88006

Electrode/s Installation undertaken by: Inter -Tech, New Delhi	Installation Completed on: 22/10/2014
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Soil Resistivity Measurements of location, if available Ω -m : Not Available	Soil Found: Generally Normal
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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
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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
	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

