

Tele: 25693259

Headquarters
Commander Works Engineers
Military Engineer Services
Delhi Cantt-10

44404/Misc/6521E4

01 Oct 2013

HQ Chief Engineer
Delhi Zone
Delhi Cantt

**TRIAL OF ULTRA LOW RESISTIVITY MARCONITE – CONDUCTIVE
CONCRETE EARTH ELECTRODES AT YOUR ELECTRICAL UTILITIES**

1. It is intimated that M/S Inter –Tech has provided one earthing with Marconite conductive concrete earth electrode at our office premises on complimentary basis on 10th May 2013. The earthing is working satisfactory at present. The earth resistance measured on 27 Aug 2013 was found to be 1.39 ohm. However, to judge the realistic performance earth resistance measurements are required to be taken during winter and summer period also.

(MM Mehrotra, IDSE)
SE (NFG)
For Commander Works Engineers

Copy to:-

M/S Inter-Tech
B-83 Flatted Factory Complex
Near Modi Mills
OKHLA, New Delhi -110020

- wrt your letter No IE/2394 dt 29 Aug 2013.

GE (North) Delhi Cantt - For info and necessary liaison to fix users appointment

INTER-TECH

B-83 Flatted Factory Complex,
Near Modi Mills
Okhla New Delhi - 110 020

Telephone : 011 26312127
Fax: 011 26832127
E Mails: info@intertech.com.co

Earth Resistance Measurement Report

Report no: **IT/146**

Date: **27/8/13**

Date of Measurement : **27th Aug 2013**

Specifications of Earth Electrode : **Marconite Embedded Earth Electrode.
Size: Dia 100 mm, Length 3 m with 16 mm Dia MS Conductor.**

Organization : **CWE- Delhi Cantt. Military Engineering Service, New Delhi – 110 010**

Site Location : **Power Supply of Office Building CWE - Delhi Cantt. New Delhi – 110 010.**

Under Supervision : **Mr. Joseph Babu JE E/M , GE (N), Delhi Cantt. New Delhi- 110 010**

IT Represented by : **Sh. Amarjeet Singh**

Method of Measurement : **Fall of Potential method.**

Standard : **Section 36 of IS 3043/1987**

Instrument Used : **Megger Earth Tester** Make : **MEGGER**

Model : **DET4TD2** Sr. No. : **101139510**


Calibration Validity : **Upto 23/04/2014**

Readings : **Earth Resistance Measurements: 1.39 Ω**

Measurement carried by:


(Amarjeet Singh)
Inter – Tech

Measurement witnessed by:


(Joseph Babu JE E/M)
(Representative of the user)

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(Amarjeet Singh)
Inter – Tech

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JOSEPH JE E/M
(Representative of the user)