

4007/Gen/ 204 /EM-I

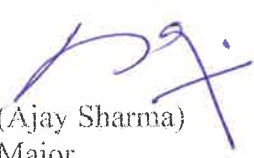
11 Feb 2013

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

PERFORMANCE REPORT OF EARTHING INTER-TECH

Dear Sir,

1. Reference your office letter No. IT/2272 dated 17 Jan 2013
2. The earthing with Marconite conductive concrete in 73 RMU Tech area AF Station Palam was done on 14 Dec 2012 as a sample presentation by the Firm M/S Inter-Tech with the following specification
 - (a) Earth enhancing conductive concrete Marconite
 - (b) Conductor – 16 mm copper rod.
 - (c) Casting size Dia 120 mm x length 30.50 Mtr.
3. The performance test of earth electrode were carried out jointly by the firm representation and the department and there was zero maintenance duint the period :
 - (a) First test on 14.12.2012 Result : 0.76 Ohms
 - (b) Second test on 22.01.2013 Result : 0.78 Ohms


(Ajay Sharma)
Major
Garrison Engineer

Copy to

HQ CWE (AF) Palam : for info please
Delhi Cantt-10

INTER-TECH

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

Telephone 011 26312127, 9313710964
Fax: 011 26832127
E Mails: info@intertech.com.co

Earth Resistance Measurement Report

Report no: IT/

Date: 22th Jan 2013

Date of Measurement : 22/01/2013

Specifications of Earth Electrode U/T: i) Conductor Material: Steel Rod ii) 16 mm Dia
*30.80 m depth
Rod Embedding Material: Marconite-Conductive Concrete iv) 120 mm Dia
*30.50 depth

Organization : Air Force

Site Location : AF Technical Area Palam, Delhi Cantt. - 110010

Under Supervision : Sh. SK Pandey M F JE E/M - I, GE - N

IT Represented by : S. Manmohan Singh

Method of Measurement : EB Curd,s method
[Remote Electrode placed at 305.00 m and voltage probe at 188.490 m
from the Earth electrode under test]

Standards : Section 36.4 of IS 3043/1987

Instrument Used : Megger Earth Tester Make : MEGGER

Model : DET4TD2 Sr. No. : 1000347101139510

Calibration Validity : Upto 23/04/2013

Readings : Earth Resistance Measurements:- 0.78Ω

Measurement done by:

Manmohan Singh
(Manmohan Singh)
Inter - Tech

(SK Pandey M F)
Sub JE E/M
Officiating ACE E/M - (Elect Supply)
GE (Elect)
SRIKANT PANDEY
SUB JE E/M (ELECT)
OFFSAG (E/M)

Measurement witnessed by:

(BP Tripathi)
Warrant Officer
Tech Adjutant
73 RMU Air Force