

# INTER-TECH

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## Earth Resistance Measurement Report

Report no: IT/161

Date: 16/04/2014

Date of Installation : 11/03/2014

Specifications of Earth Electrodes : Marconite Conductive Concrete Earth Electrodes:-  
Size L 15000 mm X D 80 mm with 16 mm MS conductor. All the five electrodes were Shorted with 12.5 mm X 3 mm copper strip to make earthing grid.

Soil : Normal Soil

Use of Electrode : Connected / to be connected with BCS station at NFL plant Panipat, Haryana

Customer : M/s Thermax Ltd., Pune

User Organization : National Fertilizers Ltd., Gohana Road, Panipat, Haryana.

Test witnessed by : Mr. Rohit Malik, Sr Manager Instruments NFL, Panipat and Mr. Ganesh Nulke Executive Engineer E& I of M/s Thermax Ltd.

IT Represented by : Sh. Amarjeet Singh

Method of Measurement : Fall of Potential method. Standard: Section 36 of IS 3043/1987

Instrument Used : Digital Earth Tester Make : MEGGER

Model : DET4TD2 Sr. No. : 101139510

Readings : Earth Resistance Measurements are mentioned below: -

Type of Earthing	Earth Resistance Achieved	Expected Earth Resistance $\Omega$
Grid of 5 Earth Electrodes	0.42	< 1 $\Omega$

Measurement carried by:

Measurement witnessed by:

  
(Amarjeet Singh)  
Inter - Tech  
New Delhi



  
(Ganesh Nulke)  
E&I Engineer.  
M/s Thermax

M/s. THERMAX Ltd.  
N.F.L. Site, Panipat (H.R.)

  
(Rohit Malik)  
Sr Manager Instrumentation  
NFL, Panipat

रहित मलिक  
ROHIT MALIK  
वरिष्ठ प्रबन्धक (सामग्री)  
Sr. Manager (Inst.)  
नेशनल फर्टिलाइजर्स लिमिटेड पानीपत  
National Fertilizers Ltd Panipat