

# INTER-TECH

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## Installation and Earth Resistance Measurement Report

Report no: IT/147

Date: 7/10/13

Date of Installation : 06<sup>th</sup> May 2013  
Date of Measurement : 07<sup>th</sup> Oct 2013  
Specifications of Earth Electrode : Marconite Embedded Electrode,  
Size: Dia 100 mm, Length 3 m with 16 MS Conductor.  
Soil : Rocky Soil  
Organization : CWE- Delhi Cantt. Military Engineering Service, New Delhi – 110 010  
Site Location : BRO, Ring Road, Naryana, Delhi Cantt. New Delhi – 110 010.  
Under Supervision : JE GE (W), Delhi Cantt. New Delhi- 110 010  
IT Represented by : Sh. Amarjeet Singh  
Method of Measurement : Fall of Potential method.  
Standards : 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: -

- I) Connected to neutral of DG set 1<sup>st</sup> - 2.04  $\Omega$
- II) Connected to neutral of DG set 2<sup>nd</sup> - 2.25  $\Omega$
- III) Connected to body of DG set 1<sup>st</sup> - 2.06  $\Omega$
- IV) Connected to body of DG set 2<sup>nd</sup> - 2.28  $\Omega$

Measurement carried by:

Measurement witnessed by:

  
(Amarjeet Singh)  
Inter - Tech

  
Official of Consignee

Representative of the user

(H.D. Sharma)  
JE [E/M]

GE (W) Delhi Cantt-10