



Deepak Engineering Works

Govt. Approved 'A Class' Electrical Contractor up to EHT, 132KV

1376, Sector-15, Faridabad-121007, Haryana

Ph: 0129-2283849, Mob: +91 9810513849

Email: dew@dewenergy.com

Web: www.dewenergy.com

Report no : NDMC/ RT / 01
Date : 25th Oct 2016

Test Report – Earth Grid Resistance

Organization: : New Delhi Municipal Council, New Delhi
Department : M 33kV Division
Location : NDMC 33 kV ESS at Babu Dham, Chanakya Puri, New Delhi - 110021
Work Order no : 38/EE(M-33kV) 2016 – 17 dated 16/09/2016 for one Grid of Marconite conductive concrete earth electrodes for power transformer.
Grid Specifications : 40 mm Dia Cu bonded MS round x 3 m Length with 150 mm Dia Marconite Concrete embedding. Three pits are interconnected with Cu bonded MS flat of 50 mm X 6 mm with all around Marconite embedding to make a grid. Two contact points taken out for connection with bimetal 'L' clamp type test links.
Installation by : Deepak Engineering Works, Faridabad
Date of Installation : 30/09/2016
Date of Testing : 25/10/2016
Test Carried by : Mr. Bhanu Bansal
Test Witnessed by : AE (E) M 33kV and JE (E) M 33kV, Div M 33 kV, NDMC.
Testing Instrument Used : 'Megger' brand digital earth tester. Serial No: 1000346101232451
Calibration Validity : Up-to 10/04/2017. Calibration certificate attached.
Result : Expected - < 2.00 Ω
: Achieved - **1.56 Ω**

(Harpreet Kaur)

(Harpreet Kaur)
Testing Engineer

Deepak Engineering Works
1376, Sec.-15, FARIDABAD

Test witnessed by

(V.K. Sanyal)
25-10-16
V.K. Sanyal
(JE, NDMC)

(Sushil Kumar)
25-10-16
(Sushil Kumar)



Asstt. Executive Engineer
M-33 KV (E), N. D. M. C.
Vidyut Bhawan, New Delhi