



पानीपत रिफाइनरी (रिफाइनरी प्रभाग)
Panipat Refinery (Refineries Division)

इंडियन ऑयल कॉर्पोरेशन लिमिटेड
पानीपत रिफाइनरी, पानीपत - 132140

Indian Oil Corporation Limited
Panipat Refinery, Panipat - 132140
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Date: 24.01.2013

To

M/s Inter-Tech
B 83, Fallted factory Complex.
Near Modi Mills
Okhla Phase-III
New Delhi 11020

Sub: Performance report of earth Electrodes encased in Marconite-Conductive concrete

The earth electrode of following specifications was installed at PRE Units new Process Operator cabin, Panipat Refinery , Panipat -132140 on 5th December 2012 for our trials and evaluation:

Conductor material	: Copper
Conductor size	: Dia 16mm, Length 3060 mm
Earth enhancing material	: Marconite -Conductive concrete
Size of embedding of Cu Conductor	: Diameter 100mm , Depth 3000mm

This earth electrode was measured for earth resistance on 24th of January 2013 by using fall of potential method.

Measurement result: **1.84 Ohms**

The above result is satisfactory for the application concerned.

Your's truly

S M Nark

Sr.Maintenance Manager(Electrical)

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