

इंडियन ऑयल कॉर्पोरेशन लिमिटेड

रिफाइनरी प्रभाग : गुजरात रिफाइनरी,

डाकघर : जवाहरनगर,

जिल्ला - वडोदरा गुजरात - 391 320.

**Indian Oil Corporation Limited.**

Refineries Division : Gujarat Refinery

P.O. Jawaharnagar,

Dist : Vadodara. Gujarat - 391 320.

Website : www.iocl.com



रिफाइनरी प्रभाग

Refineries Division

Date : 19.11.2010

**TO WHOM IT MAY CONCERN**

Subject: Supply & satisfactory commissioning of 110V, 220V & 24V DC System at IOCL, Gujarat Refinery against Purchase Order No. 3293/235/17991705 dtd.28.08.2009.

This is to certify that M/s MASS-TECH CONTROLS PVT. LTD. has supplied and commissioned following equipments in the month of march 2010 against above referred Purchase Order. Performance of the equipments are satisfactory after commissioning. This certificate is being issued to M/s MASS-TECH CONTROLS PVT. LTD., Mumbai to apply for tender documents for further work with IOCL / other firms and carries no liabilities, financial or otherwise on M/s. IOCL.

**For 2.2MTPA, DHDT Sub Station**

1. 110V/491AH Ni-Cd Battery Type KPH491P, 93 cells - 2 Sets
2. 110V/275A Dual Float cum Boost Charger - 1 Set
3. 110V DC Distribution Board - 1 Set

**For 2.2MTPA, DHDT Sub Station**

4. 220V/180AH Ni-Cd Battery Type KPH180P, 182 Cells - 2 Sets
5. 220V/100A Dual Float cum Boost Charger - 1 Set
6. 220V DC Distribution Board - 1 Set

**For DHDT Control Room**

7. 24V/691AH Ni-Cd Battery Type KPH691P, 20 cells - 2 Sets
8. 24V/500A Dual Float Cum Boost Charger - 1 Set
9. 24V DC Distribution Board - 1 Set

**For HGU Unit**

10. 24V/600AH Ni-Cd Battery Type KPH600P, 20 cells - 2 Sets
11. 24V/415A Dual Float Cum Boost Charger - 1 Set
12. 24V DC Distribution Board - 1 Set

**For ISOM Unit**

13. 24V/600AH Ni-Cd Battery Type KPH600P, 20 cells - 2 Sets
14. 24V/415A Dual Float Cum Boost Charger - 1 Set
15. 24V DC Distribution Board - 1 Set

**For SRU Unit**

16. 24V/540AH Ni-Cd Battery Type KPH540P, 2x20 cells - 2 Sets
17. 24V/800A Dual Float Cum Boost Charger - 1 Set
18. 24V DC Distribution Board - 1 Set
19. Cell Booster 0-12V/166A - 1 Set

( B. N. BENDBAR )

बी. एन. बेंडबार  
Senior Project Manager  
Sr. Project Manager  
GUJARAT REFINERY