



BGR ENERGY SYSTEMS LIMITED
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ENVIRONMENTAL ENGINEERING DIVISION

Date : 26.09.2011

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the M/s Membrane Hitec, Chennai have supplied UF membranes for the removal of Colloidal Silica from DM water. The feed water is given from the outlet of mixed bed unit.

UF Membrane Particulars :

- | | |
|--------------------------|--|
| 1. MOC | : Modified Polyether Sulfone |
| 2. Membrane Dimension | : 400 mm dia. x 1530 mm Long |
| 3. MWCO | : 10 KD |
| 4. Active Surface Area | : 100 m ² |
| 5. Quantity | : 16 Nos. |
| 6. Project | : 2 x 500 MW- Kakatiya Thermal Power Project
(APGENCO), Chelpur, Andhra Pradesh |
| 7. Date of Commissioning | : 24.12.2010 |

The colloidal silica was measured by ICP-OES method following APHA procedure, done at Chemfab Alkalis Ltd., Pondicherry, laboratory facilities.

Colloidal silica reduction achieved as guaranteed.

The UF membranes are performing satisfactorily till date in terms of quality and quantity.

With regards,

For Environmental Engineering Division,


26/09/11

Authorized Signatory

REGISTERED OFFICE :

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