



OPG POWER GENERATION PVT. LTD.
CIN : U40109TN2005PTC055442

Date: 05/06/2015

TO WHOMSOEVER IT MAY CONCERN

We certify that Zion Enviro Systems Private Limited, Chennai was awarded the contract for Water treatment plant. The plant has been commissioned and working satisfactorily since February 2012. The plant details are as given below.

Project: Water treatment plant.

Client: OPG Power Generation Private Limited.
Consultant: Aqua therm Engineering
P.O. No. & Date: OPGPG/ED/P-II/SUPPLY/010B dated: 11/05/11
Commissioned date: February 2012
Completion date: March 2012
Place of Installation: Gummidipoondi
Scope of work: Design, Supply, Erection, Supervision & Commissioning
Treatment scheme: MGF- ACF - R.O. (1ST Pass) – R.O. (2ND Pass) – M.B. Two Stream (1 W + 1 S)
Plant details: 30 M3/hr (1W+1S)
Feed water: Bore Well
Treated water application: Super Critical Boiler Feed

Pretreatment

MGF & ACF Filter: 54 M3/hr
Softener : 54 M3/hr

New No. 6, Sardar Patel Road, Guindy, Chennai - 600 032.
Phone : +91 44 4291 1222, Fax : +91 44 4291 1209

Reverse Osmosis System (1st Pass)

Feed : 54 M3/hr

Recovery : 65 %

Permeate: 35 M3/hr

Feed TDS: 600 ppm

Permeate TDS : 35 ppm

Reverse Osmosis System (2nd Pass)

Feed : 35 M3/hr

Recovery : 86 %

Permeate: 30 M3/hr

Feed TDS: 35 ppm

Permeate TDS : < 5 ppm

Mixed Bed – TWO Streams (1 Working & 1 Standby)

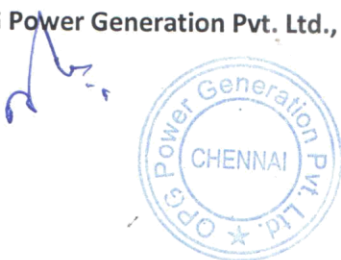
Service flow rate : 30 M3/hr

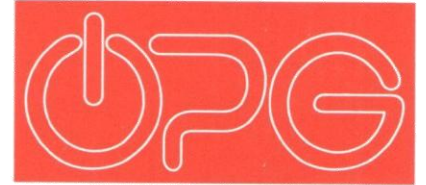
OBR : 3000 M3.

Outlet Silica : < 0.02 ppm as SiO₂

Outlet Conductivity: < 0.1 μ s/cm at 25 °C

for OPG Power Generation Pvt. Ltd.,





OPG POWER GENERATION PVT. LTD.
CIN : U40109TN2005PTC055442

DATE: 26/03/2012

TO WHOMSOEVER IT MAY CONCERN

We certify that, ZION ENVIRO SYSTEMS (P) LTD, was awarded the contract for Design, Manufacture, Supply, Erection, Testing & Commissioning of capacity 30 M³/ hr (1W+1S) Softener cum R.O Plant (1st pass and 2nd pass). & Two Stream DM Plant 30m³/hr (1W+1S) for 77MW Power Project (Unit –II) of M/s. OPG Power Generation (P) Ltd, Gummidipoondi, Tamil Nadu. We have satisfied in terms of Quality and Quantity with the work executed by the contractor.

PROJECT : Design, Manufacture, Supply, Erection, Testing & Commissioning of Capacity 30 M³ / hr (1W+1S) Softener-cum R.O Plant (1stpass and 2nd pass & Two Streams of DM Plant 30m³/hr. (1W & 1 S) for 77 MW Power Project

Client : OPG Power Generation (P) Ltd.

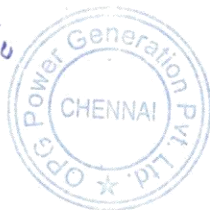
P.O/Contract No. & Date : OPGPG/ED/P-II/Supply/010B Dt: 11.05.11

Commissioned on : February 2012

Completion on : March 2012

Place of Installation : Gummidipoondi, Tamil Nadu

for OPG POWER GENERATION (P) LTD.



New No. 6, Sardar Patel Road, Guindy, Chennai - 600 032.
Phone : +91 44 4291 1222, Fax : +91 44 4291 1209

E-mail : admin@opgpower.com

Website : www.opgpower.com

