

Minutes of meeting between M/S NALCO, Damanjodi and M/S GEECO, Tiruchirapalli.

Date: 12.09.2015

Venue: NALCO, Damanjodi

Subject: APH R&M Unit-2

Reference: REF/MMP/1000016380/208/4500026972

Members Present:

For M/S NALCO, Damanjodi

Mr. S.K. Sahoo / AGM (Mech)

Mr S C Samal / AGM (Electrical)

Mr. Susant Kar / Manager (M)

For M/S GEECO, Tiruchirapalli.

Mr R Balasubramanian / Blr Cons

Mr R. Ravikumar / Sr. Eng / FES

Mr A Sudhakar / Engineer / FES

Mr. R. Ravikumar reported at site on 20.08.2015, Mr R Balasubramanian & Mr A Sudhakar reported at site on 11.09.2015 for performance testing of the New Air pre heater after light up of the boiler though erection & commissioning jobs were completed from 26/06/2015 to 25/07/2015.

Delay in boiler light up was due to replacement of superheater coils by NALCO.

Finally boiler was lighted up on 07.09.2015-7.00AM. After full load of the boiler, the APH was inspected all around Guide bearing area, support bearing area, Main drive area and APH Hot end Bellows to Cold end bellows & no leakages were observed.

After full load of the boiler main drive, support bearing and guide bearing no abnormalities were found inside the APH. Main electrical motor current of 4.0A-4.5A was noticed.

Guaranteed performance parameters were checked against the PO values & found to be better than the PO values as given below:

Slno	PARAMETER	Guaranteed	Achieved.
1	APH Leakage	10 % ± 10%	8.03 %
2	FG out Temp corrected	140°C ± 5° at 10% leakage	144.0 Deg C
3.	FG out Temp uncorrected	150°C ± 5° C	152.0 Deg C
4	Air pressure drop	95mmWC ± 10%	93.48 mmWC
5	Gas pressure drop	150mmWC ± 10%	127.01mmWC

The detailed performance report is attached herewith.

Now GEECO is eligible to claim the 10% supply value of completion of PG test & 100% erection & commissioning charges.

NALCO

S.K. Sahoo
S.K. Sahoo
AGM (Mech), SPP
12/9/15
S.C. Samal
S.C. Samal
AGM (Electrical)
12/9/15
Susant Kar
12/9/15

GEECO

R. Ravikumar
12/9/15
A. Sudhakar
12/09/15