

EVENT ANALYSIS REPORT

UNIT NO : 02	TPS : Khaperkheda TPS	Unit Capacity : 210 MW		
1. *HO Code :	Station Code : T003	Time - 07:50 Hrs	Date - 26/07/2015	No. of days from last sync. : 11 days

2. Operating conditions at the time of Event :-

Load	Coal Cycles in service	Oil Support
59 MW	A,D,F	AB*2&LOOP,CD*2&LOOP

3. Nature of Event: T.A. Set tripped on furnace pressure very high(+390mm WC).

4. Name of First Up , Main Protections & Protection on which GCB tripped :

Furnace pressure very high,Gen Protection Operated, Turbine trip, Load shading Relay operated.

5A) Observations:- C/c -A,D,F were in service, C/c B&E shear pin failed and C/c C was not available due to PA fan 2C DE brg.temp high problem. At that time Load was 59 MW and pressure 84 kg/cm2. Two oil guns in AB elevations with one loop & two oil guns in CD elevations with one loop were in service. All oil gun's suddenly got tripped & all flame scanner's off which leads to furnace draft positive. After furnace draft restored to negative, oil guns at AB & CD elevations again taken in service, but furnace draft turned out positive, and T.A. Set tripped on furnace pressure very high(+390mm WC).

5B) Remedial Action/Work done :- Coal feeder 2B & 2C shear pin failure occurred due to entrapped stone in feeder chain . Stone removed & coal feeder 2B & 2C normalized.

6. Root Cause Analysis:- Coal feeder 2B & 2C shear pin failure occurred due to entrapped stone in chain .

7. Preventive action suggested (Short Term) :-

8. Preventive action suggested (Long Term):-

9. Similar event occurred last time:-	Unit No # 2 , 210MW	Time : 07:25 Hrs	Date: 09/11/2012
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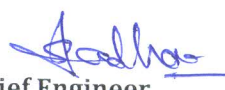
Event: - : T.A. Set tripped on "Furnace Pressure very High".

Remedial Actions: Coal mill damper defect attended by TIC Staff & trial taken.

9A. Implementation Status of Long Term/Short Term measures stated at Sr. No 7 & 8 :-

10. Boiler lighted up	Time - 09:04 Hrs	Date- 26/07/2015
11. T-A Set Synchronized	Time - 11:41 Hrs	Date- 26/07/2015

12. Remark :-


Chief Engineer

13. Recommendations of Works Section:

1. Procurement/Replacement Plan:

2. Operational Error:

3. Delay in Maintenance:

4. Delay in bringing back the Unit:

5. Training of Staff:

6. Whether remedial action is completed satisfactory & point is closed:

C E/Dy C E (Works)