

EVENT ANALYSIS REPORT

UNIT NO : 03	TPS : Khaperkheda TPS	Unit Capacity : 210 MW		
1. *HO Code :	Station Code : T003	Time - 00:13 Hrs	Date - 04/04/2015	No. of Days from last sync. : 0 days

2. Operating conditions at the time of Event :-

Load	Coal Cycles in service	Oil Support
58 MW	B & C	Nil

3. Nature of Event: T.G. Set hand tripped as Gland Steam Pressure was going very high(311mmWC).

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

Turbine hand tripped **(First Up)** , MFT Operated , Turbine Trip gear operated, GCB opened on RPP.

5A) Observations: Unit hand tripped at 00:13 as Gland Steam Pressure was going very high (311mmWC) and LPT exhaust temp. was also high (90°C). Gland steam leak off valve both full opened & supply steam valve full closed at the time of tripping (Hand).

5B) Remedial Action/work done :-

TM: Extra pipe line provided from leak off valve to flash tank header for extra sealing steam dumping.

6. Root Cause Analysis: HPT Gland steam leak off pressure & temperature increased, suspected HPT 'U' Seal ring clearances increased.

7. Preventive action suggested (Short Term):-

8. Preventive action suggested (Long Term) :-

9. Similar event occurred last time:-	U - 3, 210 MW	Time- 18:44 Hrs	Date: 03-04-15
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Event: T.G. Set hand tripped as Gland Steam Pressure was going very high(311mmWC).


Remedial Actions: :-

TM: Leak off Line valves checked physically and again boxes up and clearance given for further activity.

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

10. Boiler lighted up	Time - 14:55 Hrs	Date- 04/04/2015
11. T-A Set Synchronized	Time - 20:30 Hrs	Date- 04/04/2015

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)