

**BOILER TUBE FAILURE REPORT (C-2 FORM)**  
(C-2 FORM SHOULD BE SENT WITHIN 12 HOURS OF SYNCHRONISATION)

1) STATION:	NTPL	2) UNIT No.	I	3) LAST UNIT OUTAGE	20-05-2021	4) LAST UNIT O/H	Dec-20
5) UNIT SHUTDOWN FROM		30	09	22	00	45	9) OUTAGE HOURS
6) WATER FILLING CLEARANCE		01	10	22	04	35	34
7) CLEARANCE FOR LIGHTUP		01	10	22	08	30	55
(AFTER REPAIR OF BTF)		dd	mm	yy	hh	mm	hh
8) UNIT SYNCHRONISED AT		01	10	22	11	40	mm
11) BTF INSPECTED BY		dd	mm	yy	hh	mm	10) GENERATION LOSS
		dd	mm	yy	hh	mm	(ONLY DUE TO BTF)
BTF COMMITTEE HEAD		MTP					MUS
CHEMISTRY		OPERATION					
							FQA
							O&C

**BOILER TUBE FAILURE LOCATION**

12) FAILED TUBE LOCATION MARKED ON UNIT MATERIAL DIAGRAM AND BOILER GENERAL ARRANGEMENT DRAWING  
(CLEARLY IDENTIFYING TUBE NO., COIL NO., TUBE DIMENSION, TUBE MATERIAL AND X,Y,Z COORDINATES)

Tube Dimension D51x6mm; SA210 Gr.C, Corner 2 Burner Panel Tube 1, Elevation - 36 Mtr Level

**DESCRIPTION OF BOILER FAILED TUBES**

13) PHOTOGRAPHS OF LOCATION OF FAILURE BEFORE START OF REPAIR WORK



Primary Failure

Secondary Failures



14) PHOTOGRAPHS OF PRIMARY FAILED TUBE



15) PHOTOGRAPHS OF REPAIRED LOCATION AFTER RESTORATION WORK

16) DETAILS OF REPAIR WORK (SPECIFY JOINT DETAILS, COIL NO./ TUBE NO. & RESTORATION WORK)

Attending to Pinhole puncture and metallising the eroded areas - 3 pinholes

17) DETAILS OF INSPECTION OF ADJACENT AND IDENTICAL LOCATIONS

Thickness survey done. Adjacent areas inspected. Eroded areas were metallised.

18) HISTORY OF WORK IN FAILED TUBE/COIL/LOCATION IN PAST FIVE YEARS

YEAR	HISTORY OF WORK (DETAILS OF WORK DONE IN THE AREA/COIL)			
	LOCATION	Tube/Coil No.	No. OF TUBES REPLACED	NATURE OF FAILURE & WORK
	NIL			

19) REMARKS

20) STATION OBSERVATION W.R.T. CAUSE OF TUBE FAILURE

Shop weld attachment failure noticed. The failure location shall be inspected during overhaul and tube replacement shall be undertaken.

COPY TO:

- 1) DISPLAY IN UCB
- 2) GM/O&M
- 3) HOD (OS-BOILER)

(SIGNATURE OF BTF HEAD)

NAME:  
DESIGNATION:  
DATE: