


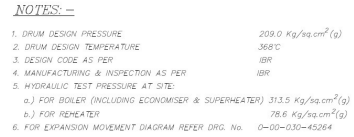


BOILER TUBE FAILURE REPORT (C-2 FORM)									
C2 FORM NO		1000000015		(C-2 FORM SHOULD BE SEND WITHIN 12HOURS OF SYNCHRONISATION)					
1)	STATION: T007	2)	UNIT NO. U02	3)	LAST UNIT OUTAGE	14-12-2023			
5)	UNIT SHUTDOWN FROM	13-01-2024	07:13:00	4)	LAST Unit O/H	01-10-2021			
6)	WATER FILLING CLEARANCE	14-01-2024	07:15:00	10)	OUTAGE HOURS	0	in Million Units		
7)	CLEARANCE FOR LIGHT-UP (AFTER REPAIR OF BTF)	14-01-2024	09:59:00	11)	GENERATION CAPACITY	500			
8)	UNIT SYNCHRONIZED AT	14-01-2024	14:15:00	12)	GENERATION LOSS	0	hrs:min:sec		
9)	ORDER NUMBER 100060858								
13)	CAUSE DETAILS			14)	OBSERVATION UNDERCUT IN FIN WELDING OF PANEL AT ERECTION				
15)	BTF INSPECTED BY	BTF COMMITTEE HEAD	YES	MTP(Mtce planning)	NO	FQA	YES		
		CHEMISTRY	NO	OPERATION	YES	O&E	YES		
BOILER TUBE FAILURE LOCATION									
16)	1ST PASS RHS WATERWALL TUBE NO.85 FROM FRONT								
	EQUIPMENT NUMBER	T007U02BLR00324		EQUIPMENT DESCRIPTION	1ST PASS RHS WATERWALL				
	LOCATION DETAILS	T007-U02-BLR-SWS-BCS		LOCATION DESCRIPTION	NTPL UNIT-2 BOILER CIRCULATION SY				
	MATERIAL	SA210 GR C		TUBE NUMBER	0085	EQUIPMENT HEIGHT (MTS)	014		
DESCRIPTION OF BOILER FAILED TUBE									
(CLEARLY IDENTIFYING TUBE NO, COIL NO,TUBE DIMENSION,TUBE MATERIAL AND X,Y,Z COORDINATES)									
17)	Tube No. 85 1st pass RHS Waterwall 14 ML, SA210 Gr.C, D51x6mm smooth tube								
PHOTOGRAPHS									
18)	FAILURE BEFORE START OF REPAIR WORK	REPAIRED LOCATION AFTER RESTORATION	PRIMARY FAILED TUBE						
									
DETAILS OF REPAIR WORK (SPECIFY JOINT DETAILS, COIL NO/ TUBE NO AND RESTORATION WORK)									
19)	Damages to both the tubes were pinholes. Thus, the damage was ground to the root level and metallised. 2 Pin hole joints								
DETAILS OF INSPECTION OF ADJACENT AND IDENTICAL LOCATIONS									
20)	No observable defects in DPT								
STATION OBSERVATION W.R.T CAUSE OF TUBE FAILURE:									
21)	Replacement of the tube during overhaul								
HISTORY OF WORK IN FAILED TUBE/COIL/LOCATION IN PAST FIVE YEARS									
	Date	C2 Form Number	Tube No	Height	Material	Cause			
	08-02-2024	1000000015	0085	014	SA210 GR C				
Submitted by									
PRADEEP SRIKANTH A		Submitted on		08-02-2024		Designation		DEPUTY CHIEF ENGINEER	

DRAWING NO: 0-00-027-4526

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