Check List		BFP SUCTION	BALANCING 1 &2
1	Piping routing		
2	Tag numbers	-	
3	Equipment locations	-	
4	BOQ(WRT released BOQ)	Y	y
5	Bought out details		Y
6	Design data	Y	Y
7	Notes	Y	Y
8	Drawing number, description	Y	Y
9	Ref drawings	Y	Y
10	Insulation thickness	Y	Y
11	Welding figures	-	
12	P & ID	Y	Y
13	Thermowell connection	-	-
14	Slope direction for drain	-	-
15	Flow Element Upstream & downstream	-	-

1 EP LOCATION (In Insert plate layout)
2 Loading
3 Type of Support & Gap W.R.T analysis
4 Insulation thickness
5 Secondary member details
6 BOQ
7 C.L Elevation
8 Node number mention in isometric

ARC 1 &2	WARM UP VENT	TURBINE BLEED STEAM	INITIAL HEATING LINE	MAIN STEAM UPTO MSSV	MAIN STEAM AFTER MSSV	SPRAY TO PEGGING STEAM
			Y			
Y			Y			
			Y			
Y			Y			
Y			Y			
Y			Y			
Y			Y			
Y			Y			
			Y			
Y			Y			
			-			

SPRAY TO AUX STEAM	SPARY WATER FROM BFP DISC	BFP DISCH	PEGGING STEAM	AUX STEAM
				Y
				Y
				Y
				Y
				Y
				Y
				Y

CSDH DRAWING CHECK LIST

INPUT CHECK

SR. No.	Description	Engineer	OK	Modification	Comments
1	Inputs from PID	DESIGNER/ ENGINEER			
2	Header Size and Schedule	DESIGNER/ ENGINEER			
3	Material of Header	DESIGNER/ ENGINEER			
4	Material of connecting pipes	DESIGNER/ ENGINEER			
5	Connecting Pipe Size ans Schedules	DESIGNER/ ENGINEER			
6	End Connection of Header	DESIGNER/ ENGINEER			
7	Check Support type of Header	DESIGNER/ ENGINEER			
8	Support Location of Header	DESIGNER/ ENGINEER			
9	Thermal displacements of support	DESIGNER/ ENGINEER			
10	Stress Report for loads on Supports	DESIGNER/ ENGINEER			
11	Load Details	DESIGNER/ ENGINEER			
12	Counter flanges type of nozzle	DESIGNER/ ENGINEER			
13	Provision of Blind flanges on spare nozzles	DESIGNER/ ENGINEER			
14	Size of drain connection	DESIGNER/ ENGINEER			
15	Foundation Insert Plate	DESIGNER/ ENGINEER			
16	Size of connections	DESIGNER/ ENGINEER			
17	Rating of flanges	DESIGNER/ ENGINEER			
18	Bill of material	DESIGNER/ ENGINEER			
19	Centre line elevation of Header	DESIGNER/ ENGINEER			
20	Overall Dimensions of Header	DESIGNER/ ENGINEER			
21	Provision of safety valve on Header	DESIGNER/ ENGINEER			
22	Fabrication Welding Details	DESIGNER/ ENGINEER			
23	Support Loads are within design Limits	DESIGNER/ ENGINEER			

SIGN			
DATE			

SUPPORT CHECK LIST

SR. No.	Description	Engineer	OK	Modification	Comments
1	Collect all required Stress Outputs duly signed from Stress Engineer	DESIGNER			
2	Study of Summery Report to check loads on each support	DESIGNER & STRESS ENGINEER			
3	Check expansion at each support location in all direction for consideration of base plate	DESIGNER & STRESS ENGINEER			
4	Correct Gap along X-Y-Z directionss mentioned in support details (if any)	DESIGNER & STRESS ENGINEER			
5	Correct Type of Support mentioned in support detail GA.	DESIGNER & STRESS ENGINEER			
6	Select proper Beam/ Channel/ Angle size considering loads from summary report	DESIGNER & STRUCTURAL ENGINEER			
7	Provide PTFE + SS plate arrangement in rest supports for low friction factors (mu=0.1)	DESIGNER & STRESS ENGINEER			
8	Check whether all welding details has been covered	DESIGNER			
9	Check whether 'Do not weld' symbol provided at desired locations	DESIGNER			
12	Check fouling of support arrangement with existing routing	DESIGNER			
14	Check whether detail drawing of all supports have been covered as that of in Stress file	DESIGNER			
15	Prepare correct BOM as per support GA and enter the same in ERP	DESIGNER			

SIGN			
DATE			