

ESP-001-6A, Rev. 00	 	PROJECT ENGINEERING & SYSTEMS DIVISION Project: BTG PACKAGE for 1 x 120 MW GAS BASED CPP at KALINGANAGAR Grouping of Transmitters in LIE			Std. / Doc. Number Annexure-[2] of PY56358 Rev. No. 01
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Revisions: Refer to record of revisions		Prepared by : Sujatha Sapavat (Sd/-)	Checked by: Sujatha Sapavat (Sd/-)	Approved by: K. Anand Babu (Sd/-)	Date: 15-06-2019

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									Annexure-[2] of PY56358		
									Rev. No.		01
S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
1	10LBA40CP001	PT	(SG-1) MS Pres	Steam	SG-1	PG-S-1/2" (P91) ≥ 1500+IBR	LIE-01	Near SG-1 1st Coloum Ex-6	Type: WP JB Tag No: 10-JB-0351 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	10LBA40CP002	PT	(SG-1) MS Pres	Steam	SG-1	PG-S-1/2" (P91) ≥ 1500+IBR	LIE-01				01
	10LBA40CP003	PT	(SG-1) MS Pres	Steam	SG-1	PG-S-1/2" (P91) ≥ 1500+IBR	LIE-01				01
	10LBA40CT001	TT	(SG-1) MS Temp	Steam	SG-1	-	LIE-01				01
	10LBA40CT002	TT	(SG-1) MS Temp	Steam	SG-1	-	LIE-01				01
	10LBA40CT003	TT	(SG-1) MS Temp	Steam	SG-1	-	LIE-01				01
	10LBA40CF002	FT (DP Type)	(SG-1) MS Flow	Steam	SG-1	FT-S-1/2" (P91) ≥ 1500+IBR	LIE-01			Site to maintain the proper sloping of FT impulse line.	01
	10LBA40CF003	FT (DP Type)	(SG-1) MS Flow	Steam	SG-1	FT-S-1/2" (P91) ≥ 1500+IBR	LIE-01			Site to maintain the proper sloping of FT impulse line.	01
	10LBA40CF004	FT (DP Type)	(SG-1) MS Flow	Steam	SG-1	FT-S-1/2" (P91) ≥ 1500+IBR	LIE-01			Site to maintain the proper sloping of FT impulse line.	01
2	10HLA10CT001	TT	(SG-1) FD FAN-A OUTLET Temp Tx	SEC.AIR	SG-1	-	LIE-02	Near FD Fan, S8R @ El. 0.0	Type: WP JB Tag No: 10-JB-0352 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	10HLA10CP001	PT	(SG-1) FD FAN-A OUTLET PRESSURE	SEC.AIR	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-02				01
	10HLA20CT001	TT	(SG-1) FD FAN-B OUTLET Temp Tx	SEC.AIR	SG-1	-	LIE-02				01
	10HLA20CP001	PT	(SG-1) FD FAN-B OUTLET PRESSURE	SEC.AIR	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-02				01
	10HHQ10CP001	DPT	(SG-1) DUPLEX AIR FILTER AT SCANNER AIR FAN I/L DP	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-02				01
3	10HNA50CP001	PT	(SG-1) ID FAN-A OUTLET PRESSURE	FLUE GAS	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-03	Near ID Fan; S10R/W2/X2 @ EL.0.0	Type: WP JB Tag No: 10-JB-0353 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 16.25±2mm & 2 No's suitable for cable OD of 23.5±2mm		01
	10HNA55CP001	PT	(SG-1) ID FAN-B OUTLET PRESSURE	FLUE GAS	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-03				01
	10HHQ20CP001	DPT	(SG-1) SCANNER AIR FAN TO FURNACE DIFF.PRESSURE	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-03				01
	10HHQ20CP002	DPT	(SG-1) SCANNER AIR FAN TO FURNACE DIFF.PRESSURE	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-03				01
4	10HLA40CP001	PT	(SG-1) AIR PREHEATER OUTLET PRESSURE	SEC.AIR	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-04				01

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
	10HLA40CT001	TT	(SG-1) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-1	-	LIE-04	Near S4R & S9R EL 19125	Type: WP JB Tag No: 10-JB-0354 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	10HLA40CT002	TT	(SG-1) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-1	-	LIE-04				01
	10HHL40CF001	FT (DP Type)	(SG-1) HOT SEC.AIR DUCT FLOW- RIGHT	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-04			Site to maintain the proper sloping of FT impulse line.	01
	10HHL40CF002	FT (DP Type)	(SG-1) HOT SEC.AIR DUCT FLOW- RIGHT	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-04			Site to maintain the proper sloping of FT impulse line.	01
	10HHL40CF003	FT (DP Type)	(SG-1) HOT SEC.AIR DUCT FLOW- RIGHT	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-04			Site to maintain the proper sloping of FT impulse line.	01
	10HHL40CT001	TT	(SG-1) HOT SEC.AIR DUCT Temp Tx - RIGHT	SEC.AIR	SG-1	-	LIE-04				01
	10HHL40CT002	TT	(SG-1) HOT SEC.AIR DUCT Temp Tx - RIGHT	SEC.AIR	SG-1	-	LIE-04				01
	10HHL40CT003	TT	(SG-1) HOT SEC.AIR DUCT Temp Tx - RIGHT	SEC.AIR	SG-1	-	LIE-04				01
	10HNA45CT001	TT	(SG-1) ID FAN-B INLET Temp Tx	FLUE GAS	SG-1	-	LIE-04				01
	10HNA45CP001	PT	(SG-1) ID FAN-B INLET PRESSURE	FLUE GAS	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-04				01
5	10HHL30CF001	FT (DP Type)	(SG-1) HOT SEC.AIR DUCT FLOW-LEFT	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-05	Near S4R & S9R @ EL 19125	Type: WP JB Tag No: 10-JB-0355 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	10HHL30CF002	FT (DP Type)	(SG-1) HOT SEC.AIR DUCT FLOW-LEFT	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-05			Site to maintain the proper sloping of FT impulse line.	01
	10HHL30CF003	FT (DP Type)	(SG-1) HOT SEC.AIR DUCT FLOW-LEFT	SEC.AIR	SG-1	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-05			Site to maintain the proper sloping of FT impulse line.	01
	10HHL30CT001	TT	(SG-1) HOT SEC.AIR DUCT Temp Tx- LEFT	SEC.AIR	SG-1	-	LIE-05				01
	10HHL30CT002	TT	(SG-1) HOT SEC.AIR DUCT Temp Tx - LEFT	SEC.AIR	SG-1	-	LIE-05				01
	10HHL30CT003	TT	(SG-1) HOT SEC.AIR DUCT Temp Tx-LEFT	SEC.AIR	SG-1	-	LIE-05				01
	10HNA30CP001	PT	(SG-1) AIR PREHEATER OUTLET PRESSURE	SEC.AIR	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-05				01
	10HNA30CT001	TT	(SG-1) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-1	-	LIE-05				01
	10HNA30CT002	TT	(SG-1) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-1	-	LIE-05				01
	10HNA40CT001	TT	(SG-1) ID FAN-A INLET Temp Tx	FLUE GAS	SG-1	-	LIE-05				01
	10HNA40CP001	PT	(SG-1) ID FAN-A INLET PRESSURE	FLUE GAS	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-05		01		

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
6	10LAB50CF002	FT (DP Type)	(SG-1) FW FLOW	Water	SG-1	FT-L/G-1/2" (CS) ≥ 1500+IBR	LIE-06	Near S11 @ EL 23300	Type: WP JB Tag No: 10-JB-0356 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	10LAB50CF003	FT (DP Type)	(SG-1) FW FLOW	Water	SG-1	FT-L/G-1/2" (CS) ≥ 1500+IBR	LIE-06			Site to maintain the proper sloping of FT impulse line.	01
	10LAB50CF004	FT (DP Type)	(SG-1) FW FLOW	Water	SG-1	FT-L/G-1/2" (CS) ≥ 1500+IBR	LIE-06			Site to maintain the proper sloping of FT impulse line.	01
	10HNA10CT001	TT	(SG-1) ECO OUTLET Temp Tx	Water	SG-1	-	LIE-06				01
	10HBK12CT001	TT	(SG-1) FURNACE Temp-LEFT	FLUE GAS	SG-1	-	LIE-06				01
	10HBK12CT002	TT	(SG-1) FURNACE Temp-RIGHT	FLUE GAS	SG-1	-	LIE-06				01
7	10LAE15CF002	FT (DP Type)	(SG-1) SH DSH-1 SPRAY WATER FLOW	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-07	Near S11 @ EL 23300	Type: WP JB Tag No: 10-JB-0357 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	10LAE16CF002	FT (DP Type)	(SG-1) SH DSH-2 SPRAY WATER FLOW	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-07			Site to maintain the proper sloping of FT impulse line.	01
	10LAE15CF001	FT (DP Type)	(SG-1) SH DSH-1 SPRAY WATER FLOW	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-07			Site to maintain the proper sloping of FT impulse line.	01
	10LAE16CF001	FT (DP Type)	(SG-1) SH DSH-2 SPRAY WATER FLOW	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-07			Site to maintain the proper sloping of FT impulse line.	01
	10LAE15CT001	TT	(SG-1) SH DSH-1 SPRAY WATER Temp Tx	Water	SG-1	-	LIE-07				01
	10LAE16CT001	TT	(SG-1) SH DSH-2 SPRAY WATER Temp Tx	Water	SG-1	-	LIE-07				01
8	10HCB30CT001	TT	(SG-1) SB DRAIN Temp Tx LEFT	Steam/ Water	SG-1	-	LIE-08	Near S11 @ EL 23300	Type: WP JB Tag No: 10-JB-0358 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm & 2 No's suitable for cable OD of 18.75±2mm		01
	10HCB30CT002	TT	(SG-1) SB DRAIN Temp Tx LEFT	Steam/ Water	SG-1	-	LIE-08				01
	10HCB31CT001	TT	(SG-1) SB DRAIN Temp Tx RIGHT	Steam/ Water	SG-1	-	LIE-08				01
	10HCB31CT002	TT	(SG-1) SB DRAIN Temp Tx RIGHT	Steam/ Water	SG-1	-	LIE-08				01
	10LAE10CP001	PT	(SG-1) SH DSH SPRAY WATER Pres	Water	SG-1	PT-L/G-1/2" (CS) ≤ 600 + No IBR	LIE-08				01
	10HBK10CT001	TT	(SG-1) FURNACE (PLATEN SH INLET) Temp Tx-LEFT	FLUE GAS	SG-1	-	LIE-08				01
	10HBK15CT001	TT	(SG-1) FURNACE (PLATEN SH INLET) Temp Tx-RIGHT	FLUE GAS	SG-1	-	LIE-08				01

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	10HNA10CP001	PT	(SG-1) ECO OUTLET PRESSURE	FLUE GAS	SG-1	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-08				01
9	10HBK10CP001	PT	(SG-1) FURNACE PRESSURE - LEFT	SEC.AIR	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-09	Near S8L @ EL 29750	Type: WP JB Tag No: 10-JB-0359A Inlet entries: 8 No's of 1/2" NPT Outlet entries: 3 No's suitable for cable OD of 16.25±2mm		01
	10HBK15CP003	PT	(SG-1) FURNACE PRESSURE-RIGHT	SEC.AIR	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-09				01
	10HBK15CP004	PT	(SG-1) FURNACE PRESSURE-RIGHT	SEC.AIR	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-09				01
	10HBK10CP002	DPT	(SG-1) WINDBOX TO FURNACE DIFF.PRESSURE- LEFT	SEC.AIR	SG-1	DPT-AFG-1/2" (P22) < 600 + no IBR	LIE-09				01
	10HBK15CP001	DPT	(SG-1) WINDBOX TO FURNACE DIFF.PRESSURE - RIGHT	SEC.AIR	SG-1	DPT-AFG-1/2" (P22) < 600 + no IBR	LIE-09				01
	10HBK15CP002	DPT	(SG-1) WINDBOX TO FURNACE DIFF.PRESSURE- RIGHT	SEC.AIR	SG-1	DPT-AFG-1/2" (P22) < 600 + no IBR	LIE-09				01
10	10HAC10CP001	PT	(SG-1) ECO INLET Pres	Water	SG-1	PT-L/G-1/2" (CS) ≤ 600 + No IBR	LIE-10	Near S8L @ EL 29750	Type: WP JB Tag No: 10-JB-0359B Inlet entries: 8 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 23.5±2mm		01
	10HAC10CT001	TT	(SG-1) ECO INLET Temp	Water	SG-1	-	LIE-10				01
	10HBK10CP003	PT	(SG-1) FURNACE PRESSURE-LEFT	SEC.AIR	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-10				01
	10HBK10CP004	PT	(SG-1) FURNACE PRESSURE-LEFT	SEC.AIR	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-10				01
	10HBK10CP005	PT	(SG-1) FURNACE PRESSURE-LEFT	SEC.AIR	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-10				01
	10HBK15CP005	PT	(SG-1) FURNACE PRESSURE-RIGHT	SEC.AIR	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-10				01
11	10HBK20CP001	PT	(SG-1) PLATEN SH OUTLET PRESSURE- LEFT	FLUE GAS	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-11	Near S11 @ EL 32750	Type: WP JB Tag No: 10-JB-0360A Inlet entries: 10 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 24.5±2mm		01
	10HBK20CT001	TT	(SG-1) PLATEN SH OUTLET Temp Tx -LEFT	FLUE GAS	SG-1	-	LIE-11				01
	10HBK40CP001	PT	(SG-1) LTSH OUTLET PRESSURE-LEFT	FLUE GAS	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-11				01
	10HBK40CT001	TT	(SG-1) LTSH OUTLET Temp Tx-LEFT	FLUE GAS	SG-1	-	LIE-11				01
	10HBK25CP001	PT	(SG-1) PLATEN SH OUTLET PRESSURE- RIGHT	FLUE GAS	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-11				01
	10HBK25CT001	TT	(SG-1) PLATEN SH OUTLET Temp Tx-RIGHT	FLUE GAS	SG-1	-	LIE-11				01

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	10HBK45CP001	PT	(SG-1) LTSH OUTLET PRESSURE-RIGHT	FLUE GAS	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-11				01
	10HBK45CT001	TT	(SG-1) LTSH OUTLET Temp Tx-RIGHT	FLUE GAS	SG-1	-	LIE-11				01
12	10HAH27CT001	TT	(SG-1) PLATEN SH TO DESH-1A INLET Temp Tx	Steam	SG-1	-	LIE-12	Near S11 @ EL 32750	Type: WP JB Tag No: 10-JB-0360B Inlet entries: 10 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 24.5±2mm		01
	10HAH29CT001	TT	(SG-1) PLATEN SH TO DESH-1B INLET Temp Tx	Steam	SG-1	-	LIE-12				01
	10HAH30CT001	TT	(SG-1) DESH-1 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-1	-	LIE-12				01
	10HAH30CT002	TT	(SG-1) DESH-1 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-1	-	LIE-12				01
	10HAH30CT003	TT	(SG-1) DESH-1 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-1	-	LIE-12				01
	10HAH35CT001	TT	(SG-1) DESH-2 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-1	-	LIE-12				01
	10HAH35CT002	TT	(SG-1) DESH-2 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-1	-	LIE-12				01
	10HAH35CT003	TT	(SG-1) DESH-2 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-1	-	LIE-12				01
13	10HAH45CT001	TT	(SG-1) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-1	-	LIE-13	Near S11 @ EL 41200	Type: WP JB Tag No: 10-JB-0361 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	10HAH45CT002	TT	(SG-1) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-1	-	LIE-13				01
	10HAH45CT003	TT	(SG-1) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-1	-	LIE-13				01
	10HAH50CT001	TT	(SG-1) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-1	-	LIE-13				01
	10HAH50CT002	TT	(SG-1) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-1	-	LIE-13				01
	10HAH50CT003	TT	(SG-1) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-1	-	LIE-13				01
	10HBK30CP001	PT	(SG-1) FINAL SH OUTLET PRESSURE-LEFT	FLUE GAS	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-13				01
	10HBK30CT001	TT	(SG-1) FINAL SH OUTLET Temp Tx-LEFT	FLUE GAS	SG-1	-	LIE-13				01
	10HBK35CP001	PT	(SG-1) FINAL SH OUTLET PRESSURE-RIGHT	FLUE GAS	SG-1	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-13				01
	10HBK35CT001	TT	(SG-1) FINAL SH OUTLET Temp Tx-RIGHT	FLUE GAS	SG-1	-	LIE-13				01

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14	10HAD11CL002	LT(DP Type)	(SG-1) DRUM WATER LEVEL	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-14	Near S11 @ EL 44700	Type: WP JB Tag No: 10-JB-0362 Inlet entries: 10 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 24.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	10HAD11CL003	LT(DP Type)	(SG-1) DRUM WATER LEVEL	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-14			Site to maintain the proper sloping of FT impulse line.	01
	10HAD12CL002	LT(DP Type)	(SG-1) DRUM WATER LEVEL	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-14			Site to maintain the proper sloping of FT impulse line.	01
	10HAD10CP001	PT	(SG-1) DRUM Pres	Water	SG-1	PT-S-1" (CS) ≥ 1500+IBR	LIE-14				01
	10HAD10CP002	PT	(SG-1) DRUM Pres	Water	SG-1	PT-S-1" (CS) ≥ 1500+IBR	LIE-14				01
	10HAC13CT001	TT	(SG-1) ECO OUTLET Temp Tx-L	Water	SG-1	-	LIE-14				01
	10HAC14CT001	TT	(SG-1) ECO OUTLET Temp Tx-R	Water	SG-1	-	LIE-14				01
15	10HCB10CP001	PT	(SG-1) SBPRV OUTLET Pres	Water	SG-1	PT-S-1" (CS) ≥ 1500+IBR	LIE-15	Near S7R @ EL 44700	Type: WP JB Tag No: 10-JB-0363 Inlet entries: 14 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 18.75±2mm & 3 No's suitable for cable OD of 16.25±2mm		01
	10HCB10CP002	PT	(SG-1) SBPRV OUTLET Pres	Water	SG-1	PT-S-1" (CS) ≥ 1500+IBR	LIE-15				01
	10HCB10CF001	FT (DP Type)	(SG-1) SBPRV INLET FLOW	Water	SG-1	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-15			Site to maintain the proper sloping of FT impulse line.	01
16	10LCQ12CL001	LT(DPT-2R)	(SG-1) IBD Tnk Lvl	Water	SG-1	LT-2R (CS) ≤ 600 + no IBR	LIE-16	Near IBD / CBD Tanks	Type: WP JB Tag No: 10-JB-0364 Inlet entries: 16 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 16.25±2mm & 2 No's suitable for cable OD of 26.5±2mm		01
	10LCQ12CL002	LT(DPT-2R)	(SG-1) IBD Tnk Lvl	Water	SG-1	LT-2R (CS) ≤ 600 + no IBR	LIE-16				01
	10LCQ12CT001	TT	(SG-1) IBD Tnk Temp	Water	SG-1	-	LIE-16				01
	10LCQ12CT002	TT	(SG-1) IBD Tnk Temp	Water	SG-1	-	LIE-16				01
	10LCQ11CP001	PT-R	(SG-1) CBD TANK Pres	Water	SG-1	PG/PT-V (CS) ≤ 600 class + No IBR	LIE-16				01
	10LCQ11CT001	TT	(SG-1) CBD TANK Temp	Water	SG-1	-	LIE-16				01
	10LCQ11CL001	LT(DPT-2R)	(SG-1) CBD TANK LEVEL	Water	SG-1	LT-2R (CS) ≤ 600 + no IBR	LIE-16				01
	10LCQ11CL002	LT(DPT-2R)	(SG-1) CBD TANK LEVEL	Water	SG-1	LT-2R (CS) ≤ 600 + no IBR	LIE-16				01

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
17	20LBA40CP001	PT	(SG-2) MS Pres	Steam	SG-2	PG-S-1/2" (P91) ≥ 1500+IBR	LIE-17	Near SG-1 1st Coloum Ex-6	Type: WP JB Tag No: 20-JB-0351 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	20LBA40CP002	PT	(SG-2) MS Pres	Steam	SG-2	PG-S-1/2" (P91) ≥ 1500+IBR	LIE-17				01
	20LBA40CP003	PT	(SG-2) MS Pres	Steam	SG-2	PG-S-1/2" (P91) ≥ 1500+IBR	LIE-17				01
	20LBA40CT001	TT	(SG-2) MS Temp	Steam	SG-2	-	LIE-17				01
	20LBA40CT002	TT	(SG-2) MS Temp	Steam	SG-2	-	LIE-17				01
	20LBA40CT003	TT	(SG-2) MS Temp	Steam	SG-2	-	LIE-17				01
	20LBA40CF002	FT (DP Type)	(SG-2) MS Flow	Steam	SG-2	FT-S-1/2" (P91) ≥ 1500+IBR	LIE-17			Site to maintain the proper sloping of FT impulse line.	01
	20LBA40CF003	FT (DP Type)	(SG-2) MS Flow	Steam	SG-2	FT-S-1/2" (P91) ≥ 1500+IBR	LIE-17			Site to maintain the proper sloping of FT impulse line.	01
	20LBA40CF004	FT (DP Type)	(SG-2) MS Flow	Steam	SG-2	FT-S-1/2" (P91) ≥ 1500+IBR	LIE-17			Site to maintain the proper sloping of FT impulse line.	01
18	20HLA10CT001	TT	(SG-2) FD FAN-A OUTLET Temp Tx	SEC.AIR	SG-2	-	LIE-18	Near FD Fan, S8R @ El. 0.0	Type: WP JB Tag No: 20-JB-0352 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	20HLA10CP001	PT	(SG-2) FD FAN-A OUTLET PRESSURE	SEC.AIR	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-18				01
	20HLA20CT001	TT	(SG-2) FD FAN-B OUTLET Temp Tx	SEC.AIR	SG-2	-	LIE-18				01
	20HLA20CP001	PT	(SG-2) FD FAN-B OUTLET PRESSURE	SEC.AIR	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-18				01
	20HHQ10CP001	DPT	(SG-2) DUPLEX AIR FILTER AT SCANNER AIR FAN I/L DP	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-18				01
19	20HNA50CP001	PT	(SG-2) ID FAN-A OUTLET PRESSURE	FLUE GAS	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-19	Near ID Fan; S10R/W2/X2 @ EL.0.0	Type: WP JB Tag No: 20-JB-0353 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 16.25±2mm & 2 No's suitable for cable OD of 23.5±2mm		01
	20HNA55CP001	PT	(SG-2) ID FAN-B OUTLET PRESSURE	FLUE GAS	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-19				01
	20HHQ20CP001	DPT	(SG-2) SCANNER AIR FAN TO FURNACE DIFF.PRESSURE	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-19				01
	20HHQ20CP002	DPT	(SG-2) SCANNER AIR FAN TO FURNACE DIFF.PRESSURE	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-19				01

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
20	20HLA40CP001	PT	(SG-2) AIR PREHEATER OUTLET PRESSURE	SEC.AIR	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-20	Near S4R & S9R EL 19125	Type: WP JB Tag No: 20-JB-0354 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	20HLA40CT001	TT	(SG-2) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-2	-	LIE-20				01
	20HLA40CT002	TT	(SG-2) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-2	-	LIE-20				01
	20HHL40CF001	FT (DP Type)	(SG-2) HOT SEC.AIR DUCT FLOW- RIGHT	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-20			Site to maintain the proper sloping of FT impulse line.	01
	20HHL40CF002	FT (DP Type)	(SG-2) HOT SEC.AIR DUCT FLOW- RIGHT	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-20			Site to maintain the proper sloping of FT impulse line.	01
	20HHL40CF003	FT (DP Type)	(SG-2) HOT SEC.AIR DUCT FLOW- RIGHT	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-20			Site to maintain the proper sloping of FT impulse line.	01
	20HHL40CT001	TT	(SG-2) HOT SEC.AIR DUCT Temp Tx - RIGHT	SEC.AIR	SG-2	-	LIE-20				01
	20HHL40CT002	TT	(SG-2) HOT SEC.AIR DUCT Temp Tx - RIGHT	SEC.AIR	SG-2	-	LIE-20				01
	20HHL40CT003	TT	(SG-2) HOT SEC.AIR DUCT Temp Tx - RIGHT	SEC.AIR	SG-2	-	LIE-20				01
	20HNA45CT001	TT	(SG-2) ID FAN-B INLET Temp Tx	FLUE GAS	SG-2	-	LIE-20				01
	20HNA45CP001	PT	(SG-2) ID FAN-B INLET PRESSURE	FLUE GAS	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-20				01
21	20HHL30CF001	FT (DP Type)	(SG-2) HOT SEC.AIR DUCT FLOW-LEFT	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-21	Near S4R & S9R @ EL 19125	Type: WP JB Tag No: 20-JB-0355 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	20HHL30CF002	FT (DP Type)	(SG-2) HOT SEC.AIR DUCT FLOW-LEFT	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-21			Site to maintain the proper sloping of FT impulse line.	01
	20HHL30CF003	FT (DP Type)	(SG-2) HOT SEC.AIR DUCT FLOW-LEFT	SEC.AIR	SG-2	FT/DPT-AFG-1/2" (CS) ≤ 600 + No IBR	LIE-21			Site to maintain the proper sloping of FT impulse line.	01
	20HHL30CT001	TT	(SG-2) HOT SEC.AIR DUCT Temp Tx- LEFT	SEC.AIR	SG-2	-	LIE-21				01
	20HHL30CT002	TT	(SG-2) HOT SEC.AIR DUCT Temp Tx - LEFT	SEC.AIR	SG-2	-	LIE-21				01
	20HHL30CT003	TT	(SG-2) HOT SEC.AIR DUCT Temp Tx-LEFT	SEC.AIR	SG-2	-	LIE-21				01
	20HNA30CP001	PT	(SG-2) AIR PREHEATER OUTLET PRESSURE	SEC.AIR	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-21				01
	20HNA30CT001	TT	(SG-2) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-2	-	LIE-21				01
	20HNA30CT002	TT	(SG-2) AIR PREHEATER OUTLET Temp Tx	SEC.AIR	SG-2	-	LIE-21				01
	20HNA40CT001	TT	(SG-2) ID FAN-A INLET Temp Tx	FLUE GAS	SG-2	-	LIE-21				01

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
	20HNA40CP001	PT	(SG-2) ID FAN-A INLET PRESSURE	FLUE GAS	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-21				01
22	20LAB50CF002	FT (DP Type)	(SG-2) FW FLOW	Water	SG-2	FT-L/G-1/2" (CS) ≥ 1500+IBR	LIE-22	Near S11 @ EL 23300	Type: WP JB Tag No: 20-JB-0356 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	20LAB50CF003	FT (DP Type)	(SG-2) FW FLOW	Water	SG-2	FT-L/G-1/2" (CS) ≥ 1500+IBR	LIE-22			Site to maintain the proper sloping of FT impulse line.	01
	20LAB50CF004	FT (DP Type)	(SG-2) FW FLOW	Water	SG-2	FT-L/G-1/2" (CS) ≥ 1500+IBR	LIE-22			Site to maintain the proper sloping of FT impulse line.	01
	20HNA10CT001	TT	(SG-2) ECO OUTLET Temp Tx	Water	SG-2	-	LIE-22				01
	20HBK12CT001	TT	(SG-2) FURNACE Temp-LEFT	FLUE GAS	SG-2	-	LIE-22				01
	20HBK12CT002	TT	(SG-2) FURNACE Temp-RIGHT	FLUE GAS	SG-2	-	LIE-22				01
23	20LAE15CF002	FT (DP Type)	(SG-2) SH DSH-1 SPRAY WATER FLOW	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-23	Near S11 @ EL 23300	Type: WP JB Tag No: 20-JB-0357 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	20LAE16CF002	FT (DP Type)	(SG-2) SH DSH-2 SPRAY WATER FLOW	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-23			Site to maintain the proper sloping of FT impulse line.	01
	20LAE15CF001	FT (DP Type)	(SG-2) SH DSH-1 SPRAY WATER FLOW	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-23			Site to maintain the proper sloping of FT impulse line.	01
	20LAE16CF001	FT (DP Type)	(SG-2) SH DSH-2 SPRAY WATER FLOW	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-23			Site to maintain the proper sloping of FT impulse line.	01
	20LAE15CT001	TT	(SG-2) SH DSH-1 SPRAY WATER Temp Tx	Water	SG-2	-	LIE-23				01
	20LAE16CT001	TT	(SG-2) SH DSH-2 SPRAY WATER Temp Tx	Water	SG-2	-	LIE-23				01
24	20HCB30CT001	TT	(SG-2) SB DRAIN Temp Tx LEFT	Steam/ Water	SG-2	-	LIE-24	Near S11 @ EL 23300	Type: WP JB Tag No: 20-JB-0358 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm & 2 No's suitable for cable OD of 18.75±2mm		01
	20HCB30CT002	TT	(SG-2) SB DRAIN Temp Tx LEFT	Steam/ Water	SG-2	-	LIE-24				01
	20HCB31CT001	TT	(SG-2) SB DRAIN Temp Tx RIGHT	Steam/ Water	SG-2	-	LIE-24				01
	20HCB31CT002	TT	(SG-2) SB DRAIN Temp Tx RIGHT	Steam/ Water	SG-2	-	LIE-24				01
	20LAE10CP001	PT	(SG-2) SH DSH SPRAY WATER Pres	Water	SG-2	PT-L/G-1/2" (CS) ≤ 600 + No IBR	LIE-24				01
	20HBK10CT001	TT	(SG-2) FURNACE (PLATEN SH INLET) Temp Tx-LEFT	FLUE GAS	SG-2	-	LIE-24				01

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	20HBK15CT001	TT	(SG-2) FURNACE (PLATEN SH INLET) Temp Tx-RIGHT	FLUE GAS	SG-2	-	LIE-24				01
	20HNA10CP001	PT	(SG-2) ECO OUTLET PRESSURE	FLUE GAS	SG-2	PT-AFG-1/2" (CS) < 600 + no IBR	LIE-24				01
25	20HBK10CP001	PT	(SG-2) FURNACE PRESSURE - LEFT	SEC.AIR	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-25	Near S8L @ EL 29750	Type: WP JB Tag No: 20-JB-0359A Inlet entries: 8 No's of 1/2" NPT Outlet entries: 3 No's suitable for cable OD of 16.25±2mm		01
	20HBK15CP003	PT	(SG-2) FURNACE PRESSURE-RIGHT	SEC.AIR	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-25				01
	20HBK15CP004	PT	(SG-2) FURNACE PRESSURE-RIGHT	SEC.AIR	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-25				01
	20HBK10CP002	DPT	(SG-2) WINDBOX TO FURNACE DIFF.PRESSURE- LEFT	SEC.AIR	SG-2	DPT-AFG-1/2" (P22) < 600 + no IBR	LIE-25				01
	20HBK15CP001	DPT	(SG-2) WINDBOX TO FURNACE DIFF.PRESSURE - RIGHT	SEC.AIR	SG-2	DPT-AFG-1/2" (P22) < 600 + no IBR	LIE-25				01
	20HBK15CP002	DPT	(SG-2) WINDBOX TO FURNACE DIFF.PRESSURE- RIGHT	SEC.AIR	SG-2	DPT-AFG-1/2" (P22) < 600 + no IBR	LIE-25				01
26	10HAC10CP001	PT	(SG-2) ECO INLET Pres	Water	SG-2	PT-L/G-1/2" (CS) ≤ 600 + No IBR	LIE-26	Near S8L @ EL 29750	Type: WP JB Tag No: 20-JB-0359B Inlet entries: 8 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 23.5±2mm		01
	10HAC10CT001	TT	(SG-2) ECO INLET Temp	Water	SG-2	-	LIE-26				01
	20HBK10CP003	PT	(SG-2) FURNACE PRESSURE-LEFT	SEC.AIR	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-26				01
	20HBK10CP004	PT	(SG-2) FURNACE PRESSURE-LEFT	SEC.AIR	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-26				01
	20HBK10CP005	PT	(SG-2) FURNACE PRESSURE-LEFT	SEC.AIR	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-26				01
	20HBK15CP005	PT	(SG-2) FURNACE PRESSURE-RIGHT	SEC.AIR	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-26				01
27	20HBK20CP001	PT	(SG-2) PLATEN SH OUTLET PRESSURE- LEFT	FLUE GAS	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-27	Near S11 @ EL 32750	Type: WP JB Tag No: 20-JB-0360A Inlet entries: 10 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 24.5±2mm		01
	20HBK20CT001	TT	(SG-2) PLATEN SH OUTLET Temp Tx -LEFT	FLUE GAS	SG-2	-	LIE-27				01
	20HBK40CP001	PT	(SG-2) LTSH OUTLET PRESSURE-LEFT	FLUE GAS	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-27				01
	20HBK40CT001	TT	(SG-2) LTSH OUTLET Temp Tx-LEFT	FLUE GAS	SG-2	-	LIE-27				01
	20HBK25CP001	PT	(SG-2) PLATEN SH OUTLET PRESSURE- RIGHT	FLUE GAS	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-27				01

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
	20HBK25CT001	TT	(SG-2) PLATEN SH OUTLET Temp Tx-RIGHT	FLUE GAS	SG-2	-	LIE-27		Cable OD of 24.5±2mm		01
	20HBK45CP001	PT	(SG-2) LTSH OUTLET PRESSURE-RIGHT	FLUE GAS	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-27				01
	20HBK45CT001	TT	(SG-2) LTSH OUTLET Temp Tx-RIGHT	FLUE GAS	SG-2	-	LIE-27				01
28	20HAH27CT001	TT	(SG-2) PLATEN SH TO DESH-1A INLET Temp Tx	Steam	SG-2	-	LIE-28	Near S11 @ EL 32750	Type: WP JB Tag No: 20-JB-0360B Inlet entries: 10 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 24.5±2mm		01
	20HAH29CT001	TT	(SG-2) PLATEN SH TO DESH-1B INLET Temp Tx	Steam	SG-2	-	LIE-28				01
	20HAH30CT001	TT	(SG-2) DESH-1 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-2	-	LIE-28				01
	20HAH30CT002	TT	(SG-2) DESH-1 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-2	-	LIE-28				01
	20HAH30CT003	TT	(SG-2) DESH-1 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-2	-	LIE-28				01
	20HAH35CT001	TT	(SG-2) DESH-2 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-2	-	LIE-28				01
	20HAH35CT002	TT	(SG-2) DESH-2 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-2	-	LIE-28				01
	20HAH35CT003	TT	(SG-2) DESH-2 OUTLET TO FINAL SH INLET Temp Tx	Steam	SG-2	-	LIE-28				01
29	20HAH45CT001	TT	(SG-2) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-2	-	LIE-29	Near S11 @ EL 41200	Type: WP JB Tag No: 20-JB-0361 Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	20HAH45CT002	TT	(SG-2) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-2	-	LIE-29				01
	20HAH45CT003	TT	(SG-2) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-2	-	LIE-29				01
	20HAH50CT001	TT	(SG-2) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-2	-	LIE-29				01
	20HAH50CT002	TT	(SG-2) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-2	-	LIE-29				01
	20HAH50CT003	TT	(SG-2) FINAL SH OUTLET HEADER Temp Tx	Steam	SG-2	-	LIE-29				01
	20HBK30CP001	PT	(SG-2) FINAL SH OUTLET PRESSURE-LEFT	FLUE GAS	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-29				01
	20HBK30CT001	TT	(SG-2) FINAL SH OUTLET Temp Tx-LEFT	FLUE GAS	SG-2	-	LIE-29				01
	20HBK35CP001	PT	(SG-2) FINAL SH OUTLET PRESSURE-RIGHT	FLUE GAS	SG-2	PT-AFG-1/2" (P22) < 600 + no IBR	LIE-29				01

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	20HBK35CT001	TT	(SG-2) FINAL SH OUTLET Temp Tx-RIGHT	FLUE GAS	SG-2	-	LIE-29				01
30	20HAD11CL002	LT(DP Type)	(SG-2) DRUM WATER LEVEL	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-30	Near S11 @ EL 44700	Type: WP JB Tag No: 20-JB-0362 Inlet entries: 10 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 24.5±2mm	Site to maintain the proper sloping of FT impulse line.	01
	20HAD11CL003	LT(DP Type)	(SG-2) DRUM WATER LEVEL	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-30			Site to maintain the proper sloping of FT impulse line.	01
	20HAD12CL002	LT(DP Type)	(SG-2) DRUM WATER LEVEL	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-30			Site to maintain the proper sloping of FT impulse line.	01
	20HAD10CP001	PT	(SG-2) DRUM Pres	Water	SG-2	PT-S-1" (CS) ≥ 1500+IBR	LIE-30				01
	20HAD10CP002	PT	(SG-2) DRUM Pres	Water	SG-2	PT-S-1" (CS) ≥ 1500+IBR	LIE-30				01
	20HAC13CT001	TT	(SG-2) ECO OUTLET Temp Tx-L	Water	SG-2	-	LIE-30				01
	20HAC14CT001	TT	(SG-2) ECO OUTLET Temp Tx-R	Water	SG-2	-	LIE-30				01
31	20HCB10CP001	PT	(SG-2) SBPRV OUTLET Pres	Water	SG-2	PT-S-1" (CS) ≥ 1500+IBR	LIE-31	Near S7R @ EL 44700	Type: WP JB Tag No: 20-JB-0363 Inlet entries: 14 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 18.75±2mm & 3 No's suitable for cable OD of 16.25±2mm		01
	20HCB10CP002	PT	(SG-2) SBPRV OUTLET Pres	Water	SG-2	PT-S-1" (CS) ≥ 1500+IBR	LIE-31				01
	20HCB10CF001	FT (DP Type)	(SG-2) SBPRV INLET FLOW	Water	SG-2	FT-S-1.5" (CS) ≥ 1500+IBR	LIE-31			Site to maintain the proper sloping of FT impulse line.	01
32	20LCQ12CL001	LT(DPT-2R)	(SG-2) IBD Tnk Lvl	Water	SG-2	LT-2R (CS) ≤ 600 + no IBR	LIE-32	Near IBD / CBD Tanks	Type: WP JB Tag No: 10-JB-0364 Inlet entries: 16 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 16.25±2mm & 2 No's suitable for cable OD of 26.5±2mm		01
	20LCQ12CL002	LT(DPT-2R)	(SG-2) IBD Tnk Lvl	Water	SG-2	LT-2R (CS) ≤ 600 + no IBR	LIE-32				01
	20LCQ12CT001	TT	(SG-2) IBD Tnk Temp	Water	SG-2	-	LIE-32				01
	20LCQ12CT002	TT	(SG-2) IBD Tnk Temp	Water	SG-2	-	LIE-32				01
	20LCQ11CP001	PT-R	(SG-2) CBD TANK Pres	Water	SG-2	PG/PT-V (CS) ≤ 600 class + No IBR	LIE-32				01
	20LCQ11CT001	TT	(SG-2) CBD TANK Temp	Water	SG-2	-	LIE-32				01
	20LCQ11CL001	LT(DPT-2R)	(SG-2) CBD TANK LEVEL	Water	SG-2	LT-2R (CS) ≤ 600 + no IBR	LIE-32				01

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
	20LCQ11CL002	LT(DPT-2R)	(SG-2) CBD TANK LEVEL	Water	SG-2	LT-2R (CS) ≤ 600 + no IBR	LIE-32				01
33	E.Spare	PT	E.Spare	-	-	-	LIE-33	To be decided during erection	Type: WP JB Tag No: E.Spare Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	E.Spare	PT	E.Spare	-	-	-	LIE-33				01
	E.Spare	PT	E.Spare	-	-	-	LIE-33				01
	E.Spare	PT	E.Spare	-	-	-	LIE-33				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-33				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-33				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-33				01
	E.Spare	TT	E.Spare	-	-	-	LIE-33				01
	E.Spare	TT	E.Spare	-	-	-	LIE-33				01
34	E.Spare	PT	E.Spare	-	-	-	LIE-34	To be decided during erection	Type: WP JB Tag No: E.Spare Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	E.Spare	PT	E.Spare	-	-	-	LIE-34				01
	E.Spare	PT	E.Spare	-	-	-	LIE-34				01
	E.Spare	PT	E.Spare	-	-	-	LIE-34				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-34				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-34				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-34				01
	E.Spare	TT	E.Spare	-	-	-	LIE-34				01
	E.Spare	TT	E.Spare	-	-	-	LIE-34				01

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S. No.	Instrument Tag No	Type of Inst	Description	Medium	Area	Applicable Hookup Scheme No.	LIR / LIE	LIR / LIE Location	JB Details	REMARKS	Rev
35	E.Spare	PT	E.Spare	-	-	-	LIE-35	To be decided during erection	Type: WP JB Tag No: E.Spare Inlet entries: 12 No's of 1/2" NPT Outlet entries: 2 No's suitable for cable OD of 26.5±2mm		01
	E.Spare	PT	E.Spare	-	-	-	LIE-35				01
	E.Spare	PT	E.Spare	-	-	-	LIE-35				01
	E.Spare	PT	E.Spare	-	-	-	LIE-35				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-35				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-35				01
	E.Spare	DPT	E.Spare	-	-	-	LIE-35				01
	E.Spare	TT	E.Spare	-	-	-	LIE-35				01
	E.Spare	TT	E.Spare	-	-	-	LIE-35				01



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RECORD OF REVISIONS				
Rev.No.	Date	Revision details	Revised By	Approved By
00	15-06-2019	First Issue	_____	K. Anand Babu (Sd/-)
01	06-07-2019	1) Document revised as per TSK/FI comments. 2) Changes are indicated with revision number "01"	Sujatha <i>Sujatha</i>	K. Anand Babu <i>K. Anand Babu</i>