



NOTES : 2-1 STEAM OR ELECTRIC TRACING TO KEEP PIPE TEMPERATURE ABOVE 50°C DURING SHUT DOWN.
2-2 DURING START-UP,BOTH VALVES ARE FULL OPENED.
WHEN DP INCREASES A IS FULL OPEN AND START CLOSING.
WHEN DP DECREASES,FIRST B OPENS THEN A CLOSES (WHEN B FULL OPEN).
2-3 VALVE CLOSE TO REGENERATOR INLET (LESS THAN 2 METERS).
2-4 SEE DWG. NO. 69-P-1-11-002. NOTE 2-7.
2-5 PLEASE SEE DETAIL IN ATTACHMENT.

GENERAL : ALL LOCAL TRANSMITTERS WILL HAVE A BUILT-IN TYPE INDICATOR

12	11/12/21	NR	CRITICAL CHECK VALVE (CCV)			PNR
11	6/31/21	NR	CAR SEAL VALVE TAG RUNNING			SC
10	7/13/16	NR	UPDATE 2016			ANS
9	1/26/10	NR	ADD NEW ELECTRIC HEATER 138002B			SS
8	3/16/11	NR	UPDATE 2011			ANS
7	9/23/08	NR	REPLACE 138001			SS
6	8/18/06	JRW	UPDATE 2006			TN
5	12/11/99	NR	INSTALL FLEXIBLE THERMOCOUPLE			
4	6/26/95	SHY	AS BUILT			DPH
3	4/14/95	SHY	REVISED AS MARKED			DPH
2	12/15/94	SJS	REVISED AS MARKED			DPH
1	10/31/94	SJS	A F D			DPH
0	8/16/94	SJS	A F D			DPH
ISSUE	DATE	DRAWN	DESCRIPTION OF ISSUE	CHECKED	APPR.	APPR.
					APPR.	APPR.

SPLITTER PLANT PHASE II
CATALYST CIRCULATION AND REGENERATIVE LOOP
RAYONG - THAILAND
UNIT 13

Confidentail: This drawing is the property of
INSTITUT FRANCAIS DU PETROLE

PIPING AND INSTRUMENTATION DIAGRAM
REGENERATOR SECTION

VP: X	VD: X		PROJ Nb: 7A31
PS 1322-13-101-2			DWG Nb: 68-B

JOB NUMBER	SECTION	SHEET
93/1517		13 101 2 / 6