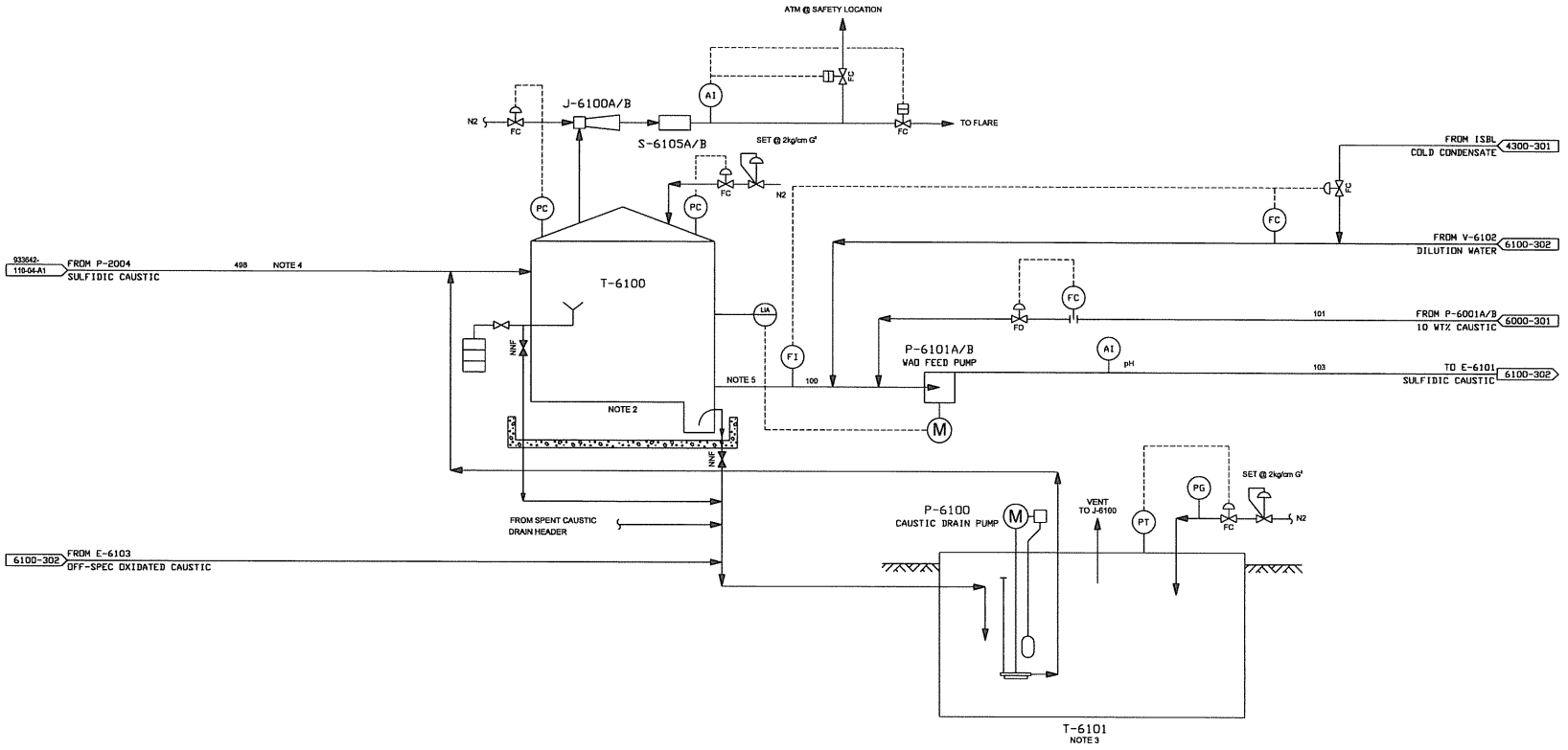
ภาคผนวก 2-6

การทำงานของถังแยกน้ำมัน (CPI Separator)

DWG. NO A1-0603.02-6100-301

J-6100A/B	T-6100	S-6105A/B	P-6101A/B	T-6101	P-6100
SULFIDIC CAUSTIC TANK EJECTOR	SULFIDIC CAUSTIC TANK CAPACITY : 172 M³ SIZE : 5700mmID x 7000mmH	SILENCER FOR EJECTOR	WAO FEED PUMP RATED FLOW : 2.83 M³/hr HEAD : 135.6 M	SULFIDIC CAUSTIC SUMP CAPACITY : 56 M³ SIZE : 4000 mmL x 4000 mmW x 3500mmH	CAUSTIC DRAIN PUMP RATED FLOW : 2.04 M³/hr HEAD : 22.73 M



NOTES :

1. FOR LEGENDS AND SYMBOLS SEE DWG. A1-0502.41-0000-001 THRU 004.
2. DIKED AREA UNDER TANK.
3. T-6101 WILL CONSIST OF CARBON STEEL TANK INSIDE A CONCRETE SUMP.
4. INTERMITTENT FLOW DUMP OF SPENT CAUSTIC FROM REGEN GAS SCRUBBER (V-2016) APPROXIMATELY ONCE PER WEEK. REFER TO DWG. NO. 933642-110-04-A1,REV. 2 FOR STREAM 498 FLOWRATE AND OPERATING CONDITIONS.
5. SULFIDIC CAUSTIC TREATMENT UNIT (A-6100) FEED & EFFLUENT FLOW IS BASED ON FIVE (5) DAYS PER WEEK OPERATION.

STREAM DATA SUMMARY

300,000 MTA PROPYLENE PRODUCTION

STREAM NUMBER		100	101	103
TEMPERATURE	DEG C	25.0	25.0	25.0
PRESSURE	kg/cm²g	0.2	0.2	14.0
WEIGHT FLOW	kg/hr	795	371	2,450
ENTHALPY	mw	0.026	0.012	0.206

REV.	DESCRIPTION	BY	CHK.	APPR.	PROJ. APPR.	DATE
0	FOR FILING	WSC	TYC	KLH	Jortan	NOV.3/'08
C	ISSUED FOR PDP-IFD	GAD	MW	SAK	BE	JAN.10/'07
B	ISSUED FOR REVIEW	RAW	MW	SAK	BE	NOV.29/'06
A	ISSUED FOR REVIEW	RAW	MW	SAK	BE	NOV.20/'06

CLIENT: HMC Polymers Co.,Ltd.

CTCI Overseas Corp., Ltd.

Stone & Webster International, Inc.

FOR: PROPANE DEHYDROGENATION PROJECT

TITLE: UTILITY FLOW DIAGRAM
SULFIDIC CAUSTIC TREATMENT SYSTEM
SULFIDIC CAUSTIC STORAGE TANK (UNIT 6100)
OFF-SITES AND UTILITY FACILITIES

CERTIFIED FOR CONSTRUCTION		DWG.	DSGN.	CHK.	APPR.
BY	BY				
DATE	DATE				

HMC PROJECT NO.	HMC-002/06	LOCATION CODE	A057
HMC DRAWING NO.	A1-0603.02-6100-301		REV.
CTCI PROJECT NO.	06E1179		0
CTCI DRAWING NO.	XB12A-6100-301		