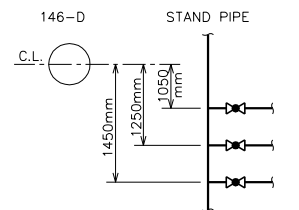
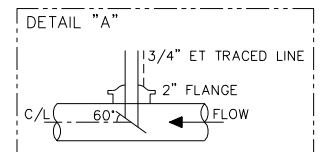




1. FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
2. PIPING AROUND CORIOLIS METER TO BE SECURELY SUPPORTED TO PREVENT VIBRATION.
3. PIPING ELEVATION AS FOLLOWS.



4. USED FOR AQUEOUS AMMONIA DISPOSAL FOR START-UP.
5. THIS VALVE SHALL BE CLOSED FOR AQUEOUS AMMONIA DISPOSAL DURING CATALYST REDUCTION, OTHERWISE SHALL BE OPENED.
6. REFER TO WRITE-UP CONTROL SYSTEMS ENGINEERING FOR INTERLOCK DESCRIPTION.
7. FOR TEMPORARY CONNECTION TO AMMONIA WATER HEADER.
8. ARC VALVE TO BE INSTALLED IN VERTICAL, WHERE INLET IS LOWER SIDE.
9. LV-1013 AND RO-1725 SHALL BE LOCATED NEAR 147-D.
10. DELETED.



6	RE-ISSUED FOR CONSTRUCTION (AFC-3)	TS	ABA	DU	HCR	ANS	HK	US	8/14/13
7	RE-ISSUED FOR CONSTRUCTION (AFC-2)	TS	ABA	DU	HCR	AN	HK	US	8/26/13
6	RE-ISSUED FOR CONSTRUCTION (AFC-1)	TS	ABA	DU	HCR	AN	HK	US	9/10/13
5	ISSUED FOR CONSTRUCTION (AFC)	CR	ABA	DU	RK	AN	SHL	US	9/11/13
4	RE-ISSUED FOR APPROVAL (AFD-1)	CR	ABA	DU	RK	LI	SHL	US	9/26/13
3	ISSUED FOR APPROVAL (AFD)	CR	ABA	DU	RK	LI	SHL	US	9/26/13
2	ISSUED FOR DETAIL DESIGN (AFP-2)	CR	ABA	JK	YSA	BCP	NLN	SHL	11/05/13
REV	DESCRIPTION	DRWN	OWND	DESIG	CHGCD	APPG	APPR	AUTH	DATE

PROJECT NAME :	KALTIM-5 PROJECT 2500 MTPD AMMONIA AND 3500 MTPD UREA BONTANG, EAST KALIMANTAN, INDONESIA
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CLIENT NAME : **PUPUK KALTIM**  
PT. PUPUK KALIMANTAN TIMUR


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 <b>KPI</b> <small>CONTRACT WORK</small>	<b>14 / NOV / 13</b>
<b>CONTRACTOR WORK NUMBER :</b> 10107 / BA096300 / 11-018-01	

## PIPING & INSTRUMENT FLOW DIAGRAM

AMMONIA SEPARATION	
SCALE $\propto$	DWG. NO. K5-01-E1-PD-5Y-T

DOC NO. K5-01-F1-PD-026-T SHEET 026/073 REV.8

[illegible]