



NOTES

- FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
- 3/4" MECHANICAL SEAL FLUSH TO BE CONNECTED TO PUMP, ORIFICE TO BE SUPPLIED BY VENDOR.
- PG TO BE LOCATED IN VIEW OF JETS.
- DELETED.
- LINE TO BE CONNECTED AT BOTTOM OF PIPING.
- FLAMMABLE GAS DETECTOR TO BE PROVIDED NEAR VENT POINT.
- REFER TO WRITE-UP BY CONTROL SYSTEMS ENGINEERING FOR INTERLOCK DESCRIPTION.
- MIN. FLOW SET VALUE TO BE OVERRIDE TO THE TWO PUMP MIN FLOW CAPACITY IN CASE OF BOTH PUMP OPERATION.
- DELETED.
- DELETED.

1	RE-ISSUED FOR CONSTRUCTION (AFC-3)	TS	ABA	DU	HCW	ANG	HK	US	14/11/13
2	RE-ISSUED FOR CONSTRUCTION (AFC-2)	TS	ABA	DU	HCW	AAH	HK	US	25/06/13
3	RE-ISSUED FOR CONSTRUCTION (AFC-1)	TS	ABA	DU	HCW	AAH	HK	US	10/04/13
4	ISSUED FOR CONSTRUCTION (AFC)	EB	ABA	DU	RM	AAH	SHL	US	25/11/12
5	RE-ISSUED FOR APPROVAL (AFD-1)	EB	ABA	DU	RM	LI	SHL	US	25/06/12
6	ISSUED FOR APPROVAL (AFD)	EB	ABA	DU	RM	LI	SHL	US	25/06/12
7	ISSUED FOR DETAIL DESIGN (AFD-2)	EB	ABA	DU	YSA	BSP	APN	SHL	14/04/13
REV.	DESCRIPTION	DRWN	CHNG	DESIGN/APPV.	APPROV.	DATE	ISSUE	DATE	

PROJECT NAME : KALTIM-5 PROJECT
2500 MTPD AMMONIA AND 3500 MTPD UREA
BONTANG, EAST KALIMANTAN, INDONESIA

CLIENT NAME :
PUPUK KALIM
PT. PUPUK KALIMANTAN TIMUR

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PIPING & INSTRUMENT FLOW DIAGRAM
101-JTC SURFACE CONDENSER

SCALE :
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