



NOTES

- FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
- 1/2" 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.

REV.	DESCRIPTION	DATE	BY	CHKD	APPD	DATE
1	RE-ISSUED FOR CONSTRUCTION (AFC-3)	14/11/13	TS	ABA	DU	14/11/13
2	RE-ISSUED FOR CONSTRUCTION (AFC-2)	25/06/13	TS	ABA	DU	25/06/13
3	RE-ISSUED FOR CONSTRUCTION (AFC-1)	10/04/13	TS	ABA	DU	10/04/13
4	ISSUED FOR CONSTRUCTION (AFC)	25/11/12	EB	ABA	DU	25/11/12
5	RE-ISSUED FOR APPROVAL (AFD-1)	25/06/12	EB	ABA	DU	25/06/12
6	ISSUED FOR APPROVAL (AFD)	22/04/12	EB	ABA	DU	22/04/12
7	ISSUED FOR DETAIL DESIGN (AFD-2)	14/02/12	EB	ABA	DU	14/02/12

REVISIONS

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

CLIENT NAME :
PUPUK KALTIM
PT. PUPUK KALIMANTAN TIMUR

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CONTRACTOR WORK NUMBER : 10107 / BA096300 / 11-018-01

PIPING & INSTRUMENT FLOW DIAGRAM
102-JTC SURFACE CONDENSER

SCALE : DWG. NO. K5-01-E1-PD-13J-T
DOC. NO. K5-01-E1-PD-049-T SHEET 049/073 REV.8