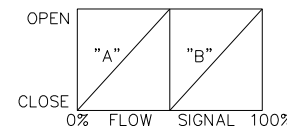
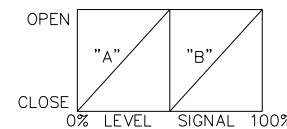


NOTES

- FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
- FV-1002B STARTS TO OPEN AFTER FV-1002A IS FULLY OPEN.



- 1000mm VERTICAL RUN MINIMUM FROM BOTTOM TANGENT LINE OF 130-D TO NOZZLE S1 ON 188-C1.
- VENT IS LOCATED AT HIGHEST POINT.
- LV-1003A,B CONTROL SEQUENCE.



- AV1017 FAILURE ACTION IS (A) TO (C).
- REFER TO WRITE-UP CONTROL SYSTEMS ENGINEERING FOR INTERLOCK DESCRIPTION.
- TW TO BE LOCATED AT BOTTOM OF PIPE WITH MINIMAL.
- ARC VALVE TO BE INSTALLED IN VERTICAL, WHERE INLET IS LOWER SIDE.
- DELETED.
- DELETED.
- PRESET STEAM FLOW IN CASE OF NATURAL GAS FLOW LOW LOW.

130-D	
PROCESS CONDENSATE STRIPPER	
DES./OPER.TEMP.	°C 425/259
DES./OPER.PRESS.	kg/cm2G 52/45.4
INSULATION/THICK.	mm HOT/105
MATERIAL	CS+304L SS CLAD
DIMENSION (IDxTL)	mm 1600x18900
VOLUME	m3 39.1

174-C	
STRIPPED CONDENSATE COOLER	
DES./OPER.TEMP.	°C 260/81.1;50
DES./OPER.PRESS.	kg/cm2G 52/45.2
INSULATION/THICK.	mm PP/25
MATERIAL	CS
DIMENSION (IDxTL)	mm 650x5000
SURFACE AREA	m2 133

REV	DESCRIPTION	DATE	BY	CHK	APP	DATE
1	RE-ISSUED FOR CONSTRUCTION (AFC-3)	14/11/13	TS	ABA	DU	14/11/13
2	RE-ISSUED FOR CONSTRUCTION (AFC-2)	14/11/13	TS	ABA	DU	14/11/13
3	RE-ISSUED FOR CONSTRUCTION (AFC-1)	14/11/13	TS	ABA	DU	14/11/13
4	ISSUED FOR CONSTRUCTION (AFC)	14/11/13	TS	ABA	DU	14/11/13
5	RE-ISSUED FOR APPROVAL (AFD-1)	14/11/13	TS	ABA	DU	14/11/13
6	ISSUED FOR APPROVAL (AFD)	14/11/13	TS	ABA	DU	14/11/13
7	ISSUED FOR DETAIL DESIGN (AFD-2)	14/11/13	TS	ABA	DU	14/11/13

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

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

PIPING & INSTRUMENT FLOW DIAGRAM
H.P. CONDENSATE STRIPPER

SCALE : DWG. NO. K5-01-E1-PD-52-T
DOC. NO. K5-01-E1-PD-027-T SHEET 027/073 REV.B