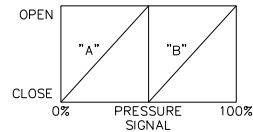


156-SP	
START-UP VENT SILENCER (CO2 VENT)	
DESIGN TEMP.	°C 70
MATERIAL	304SS
DIM (ODxH)	mm 1750x1500
MAX. FLOW RATE	Nm <sup>3</sup> /hr 83459

1. FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
2. SILENCER TO BE LOCATED ON TOP OF 121-D (i.e. AT HIGHEST ELEVATION).
3. FREE DRAIN FROM PV-1104A,B BACK TO 36" CO LINE (36CO 12604 A2K0).
4. SPLIT RANGE CONTROL FOR PV-1104A,B.



5. THERMAL INSULATION PAINT SHALL BE APPLIED ON CO2 LINE FROM 153-D TO K-5 UREA UNIT TO AVOID INCREASE OF CO2 GAS TEMPERATURE.
6. LINE SIZE GRADUALLY INCREASE AFTER BEGINNING OF VERTICAL LINE.
7. THE FLOW OF MDEA SOLUTION IS TO ENTER THE LP FLASH COLUMN(122-D1) AND CO2 STRIPPER(122-D2) SYMMETRICALLY AND TANGENTIALLY THROUGH NOZZLE.
8. REFER TO WRITE-UP CONTROL SYSTEMS ENGINEERING FOR INTERLOCK DESCRIPTION.
9. DELETED.
10. PIPING TO BE SYMMETRICAL.

8/1	RE-ISSUED FOR CONSTRUCTION (AFC-3)	TS	ABA	DU	HOW	ANS	HK	US	OL	11/1/11
7/4	RE-ISSUED FOR CONSTRUCTION (AFC-2)	TS	ABA	DU	HOW	AM	HK	US	OL	2/28/11
6/6	RE-ISSUED FOR CONSTRUCTION (AFC-1)	TS	ABA	DU	HOW	AM	HK	US	OL	10/04/11
5/6	ISSUED FOR CONSTRUCTION (AFC)	EB	ABA	DU	RN	AM	HK	US	OL	26/1/11
4/6	RE-ISSUED FOR APPROVAL (AFD-1)	EB	ABA	DU	RN	U	SH	US	OL	23/6/11
3/6	ISSUED FOR APPROVAL (AFD)	EB	ABA	DU	RN	U	SH	US	OL	22/08/11
2/6	ISSUED FOR DETAIL DESIGN (AFP-2)	EB	ABA	JAK	YSK	ROP	NL	SH	US	1/05/11
REV.	DESCRIPTION	DRWN	CHKD	DESQ	CHNG	APPG	APPR	ALTH	ISSUE	DATE

REVISIONS

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

**KBR** Engineering Services by  
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CONTRACTOR WORK NUMBER : 10107 / BA096300 / 11-018-01		14/NOV/13
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PIPING & INSTRUMENT FLOW DIAGRAM  
200 STRIPPER

CO2 STRIPPER	
SCALE $\propto$	DWG. NO. K5-01-E1-PD-5AA-T

DOC. NO. K5-01-E1-PD-028-T	SHEET028/073	REV.8
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