

NOTES

- OR GENERAL NOTES AND SYMBOLS SEE
DRAWING 4A, 4B.

NOTES ISOLATION VALVE TO BE LOCATED AT
GRADE A MINIMUM OF 15M FROM FURNACE.

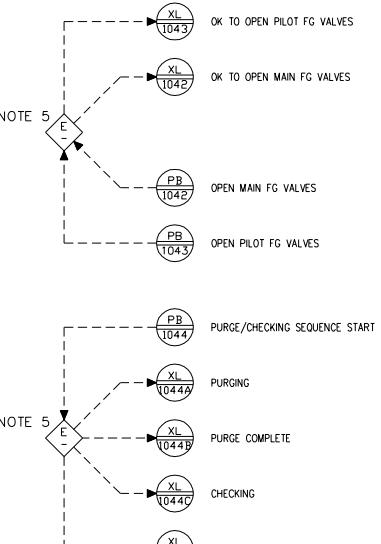
RAIN VALVES TO BE ACCESSIBLE FROM GRADE
OR MANUAL DRAIN TO DRUM.

ACH LINE AND BURNER IS MULTIPLIED 10 TIMES
ACH FOR A TOTAL OF 10 LINES AND 10 BURNERS.

REFER TO WRITE-UP BY CONTROL SYSTEMS
ENGINEERING FOR INTERLOCK DESCRIPTION.

LOCATE PRESSURE TRANSMITTER PROCESS
CONNECTIONS ON MANIFOLD CLOSE TO BURNERS.

START-UP HEATER CHECKING/LIGHT-OFF CONTROLS PURGE CHECKING SEQUENCE



RE-ISSUED FOR CONSTRUCTION (AFC-3)	TS	ABA	DU	HGM	ANS	HK	US	<input checked="" type="checkbox"/>	14/11/13
RE-ISSUED FOR CONSTRUCTION (AFC-2)	TS	ABA	DU	HGM	AM	HK	US	<input checked="" type="checkbox"/>	28/06/13
RE-ISSUED FOR CONSTRUCTION (AFC-1)	TS	ABA	DU	HGM	AM	HK	US	<input checked="" type="checkbox"/>	10/04/13
ISSUED FOR CONSTRUCTION (AFC)	EB	ABA	DU	RK	AM	SHL	US	<input checked="" type="checkbox"/>	26/11/12
RE-ISSUED FOR APPROVAL (ADF-1)	ED	ABA	DU	RK	IJ	SHL	US	<input checked="" type="checkbox"/>	29/08/12
ISSUED FOR APPROVAL (ADF)	ED	ABA	DU	RK	IJ	SHL	US	<input checked="" type="checkbox"/>	22/06/12
ISSUED FOR DETAIL DESIGN (ADP-2)	ED	ABA	DU	YSD	AM	HN	SHL	<input checked="" type="checkbox"/>	14/05/12
DESCRIPTION	DRW	CMD	DESD	CHSD	APD	APD	ATH	ISKE	DATE

REVISIONS

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

BONTANG, EAST KALIMANTAN, INDONESIA
NT NAME : **PUPUK KALTIM**

PT. YUTOR KALIMANTAN TIMUR

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

FUEL GAS START-UP HEATER BURNERS

LEADER DWG. NO. K5-01-E1-PD-19C-T

C. NO. K5-01-E1-PD-061-1 SHEET 061/03 REV.8