

FH-1002 AUXILIARY BURNER

HLT:	81.1 GJ/h
No. of Tubes	
No. of Burners	

E-1009 II FEED PREHEATER AUTOTHERMAL REFORMER

A	492	m2
Shell - pe *	N.A.	bar
side t *	N.A.	°C
Tube - pe *	46	bar
side t *	670	°C
* = MECH. DESIGN		

E-1009 Ia/Ib FEED PREHEATER AUTOTHERMAL REFORMER

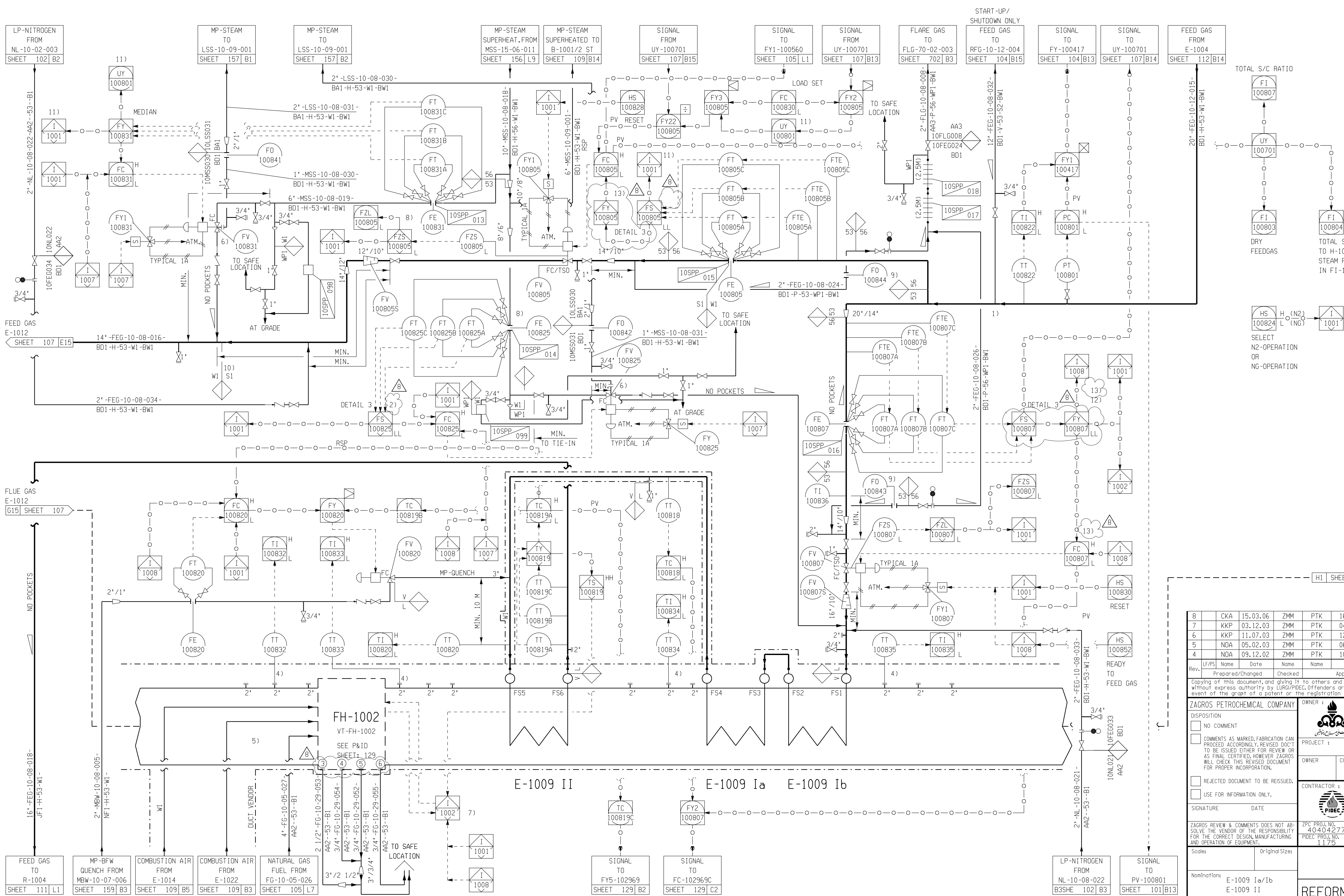
A	759/759	m2
Shell - pe *	N.A.	bar
side t *	N.A.	°C
Tube - pe *	46	bar
side t *	600/535	°C
* = MECH. DESIGN		

REMARKS:

ALL PRESSURES ARE IN GAUGE
IF NOT STATED OTHERWISE

- 1) BRANCH-OFF IN MIN. DISTANCE TO FV-100805 AND FV-100807
- 2) P/T COMPENSATED WITH P-150635 AND T-150616
- 4) PROVIDE RADIATION SHIELD
- 5) VALVE STATION FOR FUEL/COMBUSTION AIR IS PART OF AUX. BURNER SUPPLY
- 6) GOOD OPERABILITY OF CONTROL VALVE REQUIRED, BECAUSE NORMALLY NOT IN SERVICE
- 7) SIGNAL TO BURNER CONTROL/LOGIC
- 8) FLOW NOZZLE SANDWICH TYPE
- 9) HOLE = 25 MM
- 10) BREAK APPR. 10 M DOWNSTREAM OF THE VALVE
- 11) STEAM TO CARBON CALCULATION FOR DETAILS SEE COMPLEX LOOP
- 12) SEE C&E DIAGRAM

13) CALCULATION OF DRY GAS AND STEAM IN FEED GAS SEE C&E AND COMPLEX LOOP FOR FURTHER DETAILS.



8	CKA	15.03.06	ZMM	PTK	16.03.06	AFC	REVISED AS MARKED
7	KKP	03.12.03	ZMM	PTK	04.12.03	AFC	REVISED AS MARKED
6	KKP	11.07.03	ZMM	PTK	12.07.03	AFC	REVISED AS MARKED (FROZEN)
5	NOA	05.02.03	ZMM	PTK	06.02.03	AFC	REVISED AS MARKED (FROZEN)
4	NOA	09.12.02	ZMM	PTK	10.12.02	AFC	REVISED AS MARKED

Rev.	LP/PS	Name	Date	Name	Date	Status	Kind of Revision
		Prepared/Changed		Checked		Approved	

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PROJECT: 4th METHANOL PROJECT		OWNER: CONTRACTOR: DWG. NO. DIG-PI-012	
CONTRACTOR: PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی		ZAGROS REVIEW & COMMENTS DOES NOT ABSOLVE THE VENDOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING, AND OPERATION OF EQUIPMENT.	
ZAGROS PROJ. NO. 40404277 PDEC PROJ. NO. 1175		DWG. NO.	

Scales: Original Sizes		engineering Lurgi	
Nominations: E-1009 Ia/Ib E-1009 II FH-1002		REFORMING AUX. BURNER AND FEED PREHEATING UNIT 100 P&I DIAGRAM SHEET 108	
Basic documents:		DCC: DG, DL-No., RT	
Job name: MEGA METHANOL IRAN		Lurgi Job No. I6966601, Lurgi Document No. 37112	
EDV-ident-No.: lgs7 er\pipe\696660\lruil		d_37112.pld 045 27.03.06 RP IGW60	