



REMARKS:
ALL PRESSURES ARE GAUGE
IF NOT STATED OTHERWISE

PIPING INTERFACES Rohr Leitungs-Schnittstellen			
ANSCHLUESSE	CONNECTIONS	SIZE	CLASS
A SAUGSTUTZEN	SUCTION BRANCH	6"	ANSI 300 RF
B DRUCKSTUTZEN	DISCHARGE BRANCH	3"	ANSI 900 RF
C KESSELSEITE (MIND. VENTIL)	BOILER END (AUT. RECIRC. CH. VALVE)	3"	ANSI 900 RF
E MINDESTMENGENSTUTZEN	MINIMUM FLOW BRANCH	1.5"	ANSI 900 RF
H ENTLASTUNGSSUTZEN Z. BEHAELTER	BALANC. LEAK-OFF BR. TO SUCTION TANK	1.5"	ANSI 600 RF
J2 SICHERHEITSVENTIL-SAUGL.-EINTRITT	SAFETY VALVE-SUCTION LINE-INLET	1.5"	ANSI 600 RF
J1 SICHERHEITSVENTIL-ENTLAST.-AUSTRITT	SAFETY VALVE-BALANC. LINE-BLOW OFF	2"	ANSI 150 RF
J3 SICHERHEITSVENTIL-SAUGL.-AUSTRITT	SAFETY VALVE-SUCTION LINE-BLOW OFF	2"	ANSI 150 RF
INSTALL BLOW-OFF PIPE ON SITE IN SUCH A WAY AS TO AVOID ANY HAZARDS TO PERSONS			
K SAMMELABLAUF	COLLECTING FUNNEL / DRAIN RIM	2"	R-Female
L ZULAUF KUEHLWASSER	COOLING WATER INLET	1"	ANSI 150 RF
M RUECKLAUF KUEHLWASSER	COOLING WATER OUTLET	1"	ANSI 150 RF
N ENTLEERUNG PUMPE-SAUGGEH.	DRAINING-PUMP-SUCTION CASING	1"	ANSI 600 RF

L = LURGI
S = SULZER

LOCAL

FSC (Lurgi)

mg engineering Lurgi

☐ A-Proceed
☐ B-Proceed, change as noted and resubmit.
☐ C-Do not proceed, change as noted and resubmit.
☐ D- For information only
☒ E- AFC / FINAL

Authorization to proceed does not relieve contractor or vendor of his obligations or liabilities under the contract / purchase order

Date	Signature	Symbol	Dept.
18.02.04	[Signature]		A-GEMM

Vertragspartner/Contractor:		Lurgi 6L Gas Chemie GmbH	
Kd.-Bestell-Nr./Cu. Order No.:		-	
Endkunde/Betreiber/End User:		Zagros	
Anlage/Plant:		Mega Methanol Iran	
Aufstellungsort/Site:		Bandar Assaluyeh (Iran)	
Pos.-Nr./Item No.:		P-1002 B	
Sulzer-Equipment-Nr./Equipment No.:		203957	
Sulzer Auftrags-Nr./Sulzer Order No.:		101341-400	
SEP. PARTS LIST - MES/NO DESIGN GROUP			
REPLACED BY		SUBSTITUTE FOR	
ORIGINAL SCALE		DRAWN: 24-SEP-2002 G. Rotondo-Zia	
MC 80-260/4		VERIFIED: 24-SEP-2002 G. Scheuring	
Mega Methanol Iran 101341-400		STANDARDS CONFORM: 24-SEP-2002 W. Markle	
CAD - DRAWING	PART - No.	Bar - Code	Revision 5
SULZER		E	1-A.4330.200
ZAGROS PETROCHEMICAL COMPANY		OWNER	NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX شرکت پتروشیمی زاگرس
PROJECT		4th METHANOL PROJECT	
OWNER		CONTRACTOR	DWG. NO. DIG - RE - 020
CONTRACTOR		PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY شرکت طراحی و مهندسی صنایع پتروشیمی	
SIGNATURE		DATE	
ZAGROS REVIEW & COMMENTS DOES NOT ABSOLVE THE VENDOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT.		ZPC PROJ. NO. 40404277 DWG. NO. P102L PROJ. NO. 1175	
Scale:		Original Size: A1	
Identification: P-1002 B		Process Condensate Pump P - 1002 B	
Basic document:		P&I Diagram / SHEET 123	
Job name: Mega Methanol Iran		Job No. I 69666-01	Document No. 27297
IT-Ident-No.:		Rev. 5	

Rev.	Urgency	Name	Date	Name	Date	Status	Kind of Revision
5	B. Heil	16.02.04		B. Heil	16.02.2004	AFC	Motor temperature measurement added
4	GRZ	26.02.03	GS	B. Heil	29-09-2003	-	KKS numbers added
3	GRZ	03.12.02	GS			-	Position of globe valve changed in cooling water line
2	GRZ	27.11.02	GS			-	Customer remarks added
1	GRZ	28.10.02	GS			-	KKS numbers added