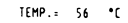


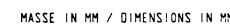
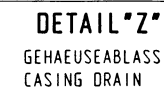
DIN 747
DIN EN 735
DIN 1686 G
EN ISO 13
DIN ISO 21

DIN 747
DIN EN 735
DIN 1686 GT818
EN ISO 139208
DIN ISO 2768-m



KRAEFTE, MOMENTE / FORCES, MOMENTS

SAUGSTUTZEN	DRUCKSTUTZEN
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24E.1/24A.1	NPT 3/8	QUENCHFLUESSIGKEIT EIN/AUS - QUENCH LIQUID INLET/OUTLET	X	-	-	-	-	-	-
31M	M10	ERDUNGSANSCHLUSS - EARTHING CONNECTION		X	-	-	-	-	-
24B	NPT 1/2	QUENCHFLUESSIGKEIT ABLAUSS - QUENCH LIQUID DRAIN	X	-	-	-	-	-	-
24F.2/24A.2	NPT 1/2	VORLAGEFLUESSIGKEIT EIN/AUS - BUFFER LIQUID INLET/OUTLET	-	-	X	-	-	-	-
12E.1/12A.1	NPT 1/2	ZIRKULATIONSF. EIN/AUS - CIRCULATION LIQUID INLET/OUTLET	-	-	X	-	-	-	-
8B.1	NPT 1	LECKABLAUSS - LEAKAGE DRAIN	-	-	X	-	-	-	-
8B	NPT 1	LECKABLAUSS GRUNDPLATTE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-	-
6B	NPS1"	GEHAUSEABLAUSS - CASING DRAIN	BLIND FLANGE	-	-	-	-	-	-
13B	NPT 1/2	OELABLAUSS - OIL DRAIN	X	-	-	-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSTOPFEN - VENT PLUG	X	-	-	-	-	-	-
63B	NPT 1/4	OELSTANDSREGLER - CONSTANT LEVEL OILER	WIRD LOSE MITGELIEFERT - LOOSE ITEM					-	-
ANSCHLUSS CONNECTION	GROSSE SIZE	BEZEICHNUNG DESIGNATION	MIT STOPFEN VERSCHLOSSEN/ CLOSED WITH SCREW PLUG	KUNDE/ CUSTOMER	KS ^B	ERF. MENGE/ QUANTITY REQ.	ACTUAL PRESSURE	DESIGN PRESSURE	
		GEWINDE NACH DIN ISO 228, TEIL 1 UND ISO 7/1 (ENTSPRICHT DIN 2999 TEIL 1) / THREAD ACQ. TO DIN ISO 228, PART 1 AND ISO 7/1 [CONFORMING TO DIN 2999, PART 1]		SCHLIESST AN/ CONNECTED BY		L/MIN	BAR G	BAR G	
ANSCHLUESSE / CONNECTIONS			DIE AUSFUHRUNG DES AUFTRAGES IST DURCH X GEKENNZEICHNET / THE EXECUTION OF THE ORDER IS MARKED BY						



J	ASME B16.5 (L.300RF NPS1/2"	THERMOSYPHON SYSTEM DRAIN FLANGE
I	ASME B16.5 (L.300RF NPS1"	THERMOSYPHON SYSTEM - FLANGE TO FLARE
H	ASME B16.5 (L.300RF NPS1"	THERMOSYPHON SYSTEM FILLING CONNECTION FLANGE
6B	ASME B16.5 (L.300RF NPS1"	PUMP DRAIN FLANGE
DN2	ASME B16.5 (L.300RF NPS2"	PUMP DISCHARGE FLANGE
DN1	ASME B16.5 (L.300RF NPS3"	PUMP SUCTION FLANGE
ANSCHLUSS CONNECTION	AUSFUEHRUNG DESIGN	REMARKS
FLANSCH / FLANGES		

GRUNDPLATTENGROSSE BASEPLATE SIZE	ZN24259-95
MOTORGROSSE MOTOR SIZE	SCHORCH KA7160M-AB016- 2930RPM / 13kW
KUPLUNGSGROSSE COUPLING SIZE	FLENDER N-EUPEX H 95-140
GROSSEN / SIZES	

PUMPE	PUMP	28
GRUNDPLATTE	BASEPLATE	32
KUPPLUNG	COUPLING	
ANTRIEB	DRIVE	9
ROHRL EITUNG	PIPELINE	6
-		
GESAMT	TOTAL	77
GEWICHTE / WEIGHTS		K

☐ Review for process consistency only

☒ All the comments / each may proceed

☐ Comments received, review and resolved /
Comments received, reviewed, resolved, subject to interpretation of
processes indicated


☐ Comments received, review and resolved (within 90 days) per P.A.I.


☐ Must meet indicated subject to interpretation of processes indicated


☒ Review and resolved / each may not proceed

☒ Must not proceed to on-site / off-site review

Permitted to proceed does not constitute acceptance or approval of design, design, fabrication, material, test methods or materials. Development of a design, design, fabrication, material, test methods or materials from full compliance with specifications and construction obligations.

 Province of Ontario
Provincial Engineering and
Construction
Department











 ECO

 IPENG

Date: 12-02-02 Date: _____

Signature: [Signature] Signature: _____

[illegible]

DRAWING TITLE:		GENERAL ARRANGEMENT DRAWING FOR DEBUTANIZER REFLUX PUMP ITEM NO.: 10-P-4471 A/B	
OWNER DWG. NO. 10-VO-A1-RE-011-039-L		P.O. NO. 2PB434	
LINCE DWG. NO. M-ZA 50048		OWNER JOB CODE / PROJ. NO.	
LINCE JOB CODE / PROJ. NO. MARLIN / 37TH 1044		MPCOL / 70700A MPCOE / 70570A	
OWNER		 NATIONAL PETROCHEMICAL COMPANY MARUN PETROCHEMICAL COMPANY	
PROJECT:		C2+ RECOVERY AND GAS CRACKING PLANTS	
CONTRACTOR:		 LINDE ENGINEERING AND CONTRACTING DIVISION	
		 Energy Industries Engineering and Design	
		 NARGAN COMPANY	
RE/DRAWING NO. -		DESIGNED BY: P/MSHARAFI W.R. ITEM-NO.: 10-P-4471 A/B CHECKED BY: /CUSTOMER W.R.	
		2001-10-19 KOSMAK GEPR. 2 2001-12-11 DRESSSEL 2001-07-31 DRESSSEL 0	
DATE: / /		DATE: / /	
NAME: /		NAME: /	
DRAWING TYPE: /		DRAWING TYPE: /	
		FOR APPROVAL: / FOR DESIGN: / 9970089248 FOR REVIEW: / FOR SERIAL: / 6-N27-5039221-1-2	
		F 103584	
		BLATT VON SHEET 1 OF 4	
		B 6	
		MCE/EL/ST/HAET	