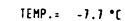




FUNDAMENTSCHRAUBEN  
FOUNDATION BOLTS



ZULAESSIGE KRAEFTE UND MOMENTE ENTSPRECHEN MIN.2X API 610/8.  
DIE ANGABEN GELTEN FUER STATISCHE ROHRLIEFERUNGSLASTEN.  
BEI UEBERSCHREITUNG IST NACHPRUEFUNG ERFORDERLICH.  
ADMISSIBLE FORCES AND MOMENTS CORRESPOND TO MIN.2X API 610/8.  
DATA GIVEN BELOW ARE ONLY VALID FOR STATIC PIPING LOADS.  
IF VALUES ARE EXCEEDED CHECK IS NECESSARY.

KRAEFTE, MOMENTE / FORCES, MOMENTS

KRAEFTE FORCES (N)	SAUGSTÜTZEN SUCTION NOZZLE				DRUCKSTÜTZEN DISCHARGE NOZZLE			
	F <sub>x</sub>	F <sub>z</sub>	F <sub>y</sub>	F <sub>res</sub>	F <sub>x</sub>	F <sub>z</sub>	F <sub>y</sub>	F <sub>res</sub>
MOMENTE MOMENTS (Nm)	9190	6230	7560	13850	4980	6230	4100	8970
	M <sub>x</sub>	M <sub>z</sub>	M <sub>y</sub>	M <sub>res</sub>	M <sub>x</sub>	M <sub>z</sub>	M <sub>y</sub>	M <sub>res</sub>
	7050	5150	3530	9420	4610	3530	2760	6270

GRUNDPLATTENGROSSE BASEPLATE SIZE	AN845-B31
MOTORGROSSE MOTOR SIZE	SCHORCH KA7 225M-BB01G- 1470RPM 37KW
KUPLUNGSGROSSE COUPLING SIZE	FLENDER N-EUPEX H 140-180
GROSSEN / SIZES	

PUMPE	PUMP	516
GRUNDPLATTE	BASEPLATE	592
KUPPLUNG	COUPLING	18
ANTRIEB	DRIVE	340
ROHRLEITUNG	PIPELINE	655
-	-	-
GESAMT	TOTAL	1531
GEWICHTE / WEIGHTS		K

☒ **R** Review for process conformity only

☒ **A** No comments / work not presented

☒ **P** Comments received / work not presented

☒ **C** Comments received, subject to incorporation of Comments Issued



☒ **F** Comments received, analysis and/or analysis not FAS

☒ **W** Work may proceed, subject to incorporation of Comments

☒ **X** Work may proceed / work may not proceed

☒ **N** Notable not subject to comments / re-litigate work

Permitted to proceed does not constitute acceptance or approval of design details, calculations, analysis, test methods or materials. The contractor shall be responsible for ensuring that the work is fully compliant with specifications and constructed accordingly.

State of Western Australia  
Department of Planning and Infrastructure

Date: 06.09.07 Date: \_\_\_\_\_

Dept.: 002 Dept.: \_\_\_\_\_


Signature: [Signature] Signature: \_\_\_\_\_

[illegible]



DRAWING TITLE: GENERAL ARRANGEMENT DRAWING FOR  
FEEDSEPARATOR REFLUX PUMP  
ITEM NO.: 10-P-1971 A/B

OWNER DWG. NO. 10-VD-A1-RE-011-026-L	P.D. NO. 2PB434
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LINE# DWG. NO. M-ZA 50035	OWNER JOB CODE / PROJ. NO.
LINE# JOB CODE / PROJ. NO.	HPCOL / 7107006 HPCOE / 7057006

OWNER:	 NATIONAL PETROCHEMICAL COMPANY MARUN PETROCHEMICAL COMPANY
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PROJECT:	C2+ RECOVERY AND GAS CRACKING PLANTS
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CONTRACTOR: **Linde** LINDE ENGINEERING AND CONTRACTING   **NARGAN COMPANY**

ZEICHNUNGS-NR./DRAWING NO.	2001-10-16	KOSMAK	GEPR.	BESTELLER-NR./PURCHASE NO.
-	2001-12-11	DRESSSEL	?	ITEM-NO., 10-P-1971 A/B

 	2001-07-31	DRESSSEL	0	NETTECH-INT./CUSTOMER NO.
	DATE/DATE	NAME	ADDITION/REVISION	ESN AUFTRAGS-NR./ESN ORDER NO.
DRAWING LINE, CONSTRUCTION LINE			003000001/0	

MASS/STAB/SCALE	GROUPING: THE - NUMBER/TYPE/STYLE	9970089248
	RPH 150-501	ESD IDENT-NO./ESD SERIAL NO.
	ALUMINUM LINCOLN	6-N27-503903/1-2

**KSB** **bj** **AUFSTELLUNGSPLAN** **INSTALLATION PLAN** **F 103568** **BLATT** **VON**  
**SHEET** **1** **OF** **4**