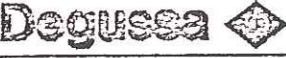


102093

		TECHNICAL DATA SHEET				EQUIPMENT-NO. 0202	
PROJECT-NO. 073-3178		VESSEL, COLUMN				SHEET 1 OF 2	
1	PLANT (PROJ.-CODE)- UNIT- WORKS				APPLICATION	FLOW DIAGRAM-NO.	
2	U-FO, Mobile				FLAME TRAP	73/9032/0	
3	EXTENT OF SUPPLY	SUPPLIER	PURCHASE ORDER-NO.	P.O.-DATE	SUPPL. JOB NO.	PRICE	
4		LANDRUF	FU-25217	24.10.86	1.3572.9	30.000,-	
5							
6				VESSEL / SHELLSIDE	JACKET / TUBESIDE		
7	MEDIUM			Reaction - Vapour			
8	DENSITY (FOR STRESS CALCULATIONS)		kg/m ³ - lb/cuft	1000 - 62.44			
9	VOLUME		Liters - US Gallon	2100 - 555			
10							
11	DESIGN	DESIGN PRESSURE (Gauge)		bar - psig	2 - 29		
12		DESIGN TEMPERATURE		°C - °F	120 - 248		
13		CORROSION ALLOWANCE		mm - in	none		
14							
15	LETHAL SERVICE			YES / NO	YES / NO		
16							
17							
18	DESIGNED ACCORDING TO ASME VIII, Div. I						
19	CONSTRUCTION / MATERIAL				STANDARD	MATERIAL	
20		SHELL				1.4541	
21		JACKET					
22		TUBE COIL ☐					
23		HALF-PIPE COIL JACKETS ☐					
24		SKIRT ☒				WII / 1.4541	
25		INTERNALS (SEE ATTACHMENT TO COLUMN SHEET)					
26		GASKETS				31400 / PTFE	
27		BOLTS					
28		SUPPORT BRACKET (NO.:)			☐ VESSEL FLANGE	☒	
29		SUPPORT SADDLE			☐ NAME PLATE	☒	
30		TUBULAR SUPPORTS FOR VESSELS			☐ CLIPS FOR INSULATION	☒	
31		PROFILE SUPPORTS FOR VESSELS			☐ SUPPORTS FOR INTERNALS (NO.:)	☐	
32		LIFTING LUGS No: 2			☒ OTHER SUPPORTS FOR INTERNALS (NO.:)	☐	
33	EYELETS (NO.:)			☐			
34	TOP HEAD TYPE LIFTING LUGS (NO.:)			☐			
35							
36							
37	SURFACE PROTECTION / TREATMENT			INTERIOR	S.S. pickled, C.S. painted in acc. with		
38				EXTERIOR	separate Degussa - Specification		
39							
40	INSULATION			TYPE	Hot	THICKNESS 76-3 mm-inch	
41	TOLERANCES ACCORDING TO Appendix 2 of spec.					☐	
42	WEIGHT	MAX. WEIGHT (FULL OF LIQUID)		3450-7600	kg - lb		
43		SHIPPING / ASSEMBLY WEIGHT		1350-2980	kg - lb		
44	INSPECTION	INSPECTION ACCORDING TO ASME VIII, Div. I			STAMP REQUIRED	YES / NO	
45							
46	DOCUMENTS, CERTIFICATES	INSPECTION BY Authorized Insp.			☒ MANUFACTURER	☒ Degussa ☒	
47		MANUFACTURER'S DATA REPORT			3 COPIES	ASSEMBLY INSTRUCTIONS	COPIES
48						CALCULATION OF STRENGTH	3 COPIES
49	DRAWING-NO. 73/9362 A						
50							
51	REMARKS	1) Wind loads to be considered					
52							
53							
54							
55							
56							
57							
58							
59							

Degussa AG

02.04.86

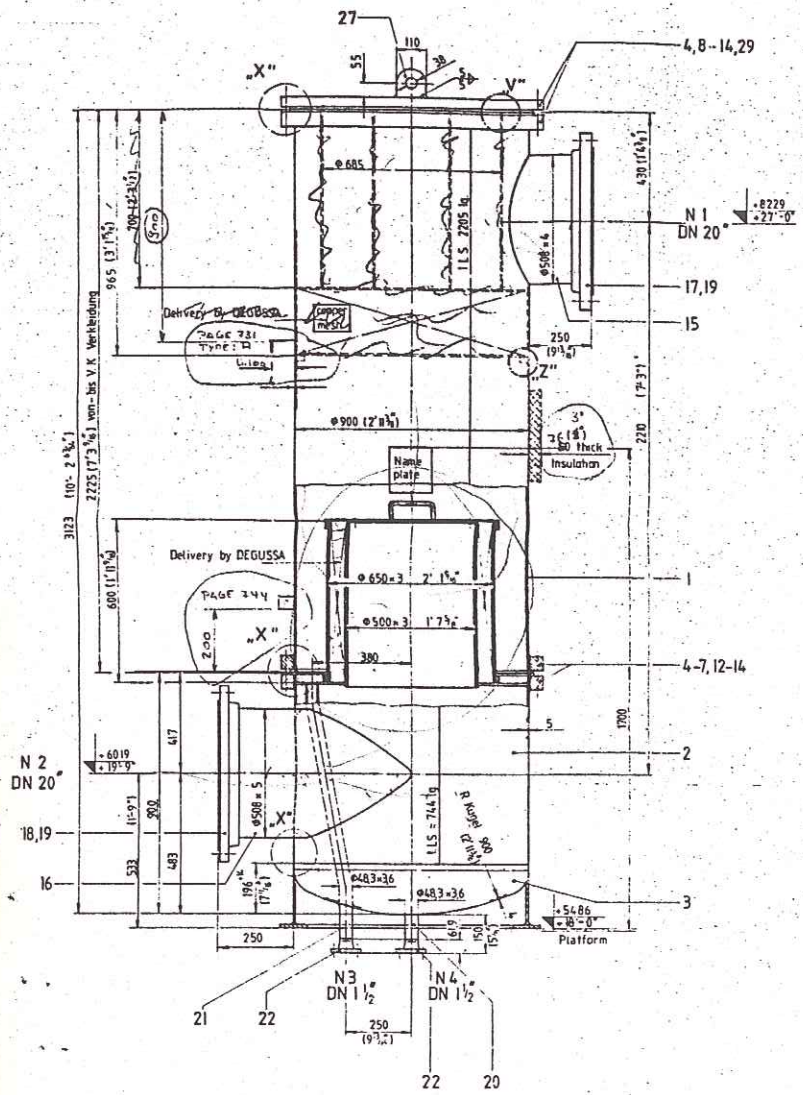
Ramm.

a

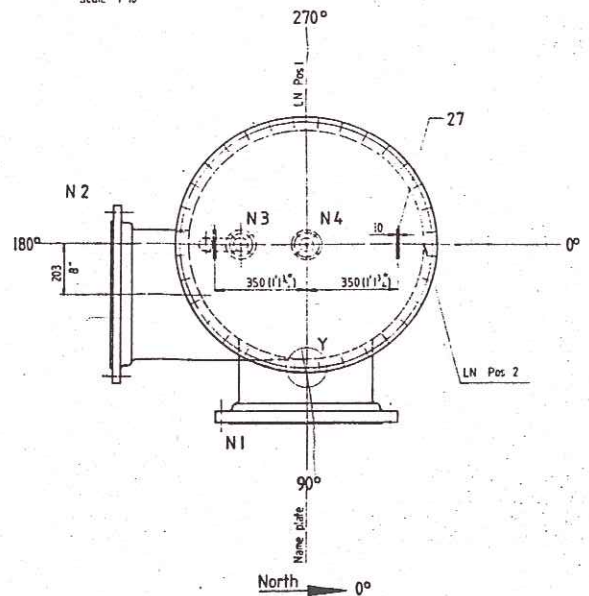
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Sonally

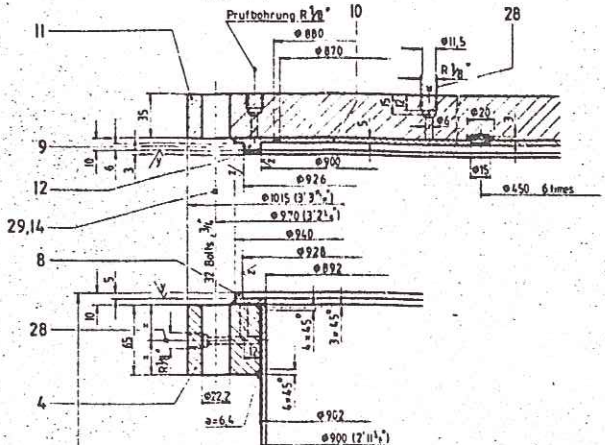
Total View
Scale 1:10



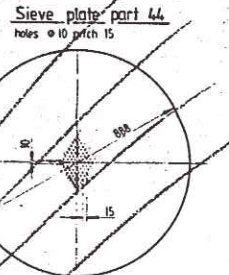
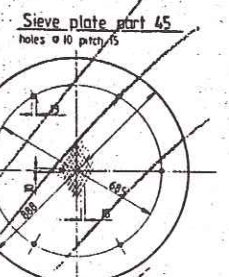
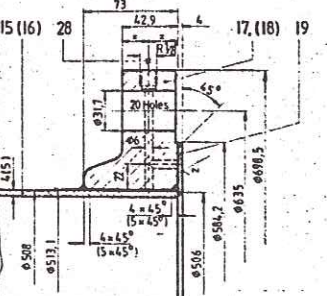
Top View
Scale 1:10



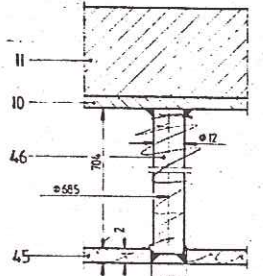
Detail "X"
Scale 1:2



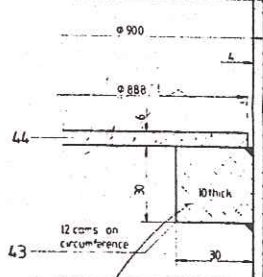
Nozzle N1, N2
DN 20", PN 150
Scale 1:2



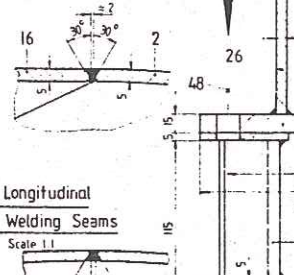
Detail "V"



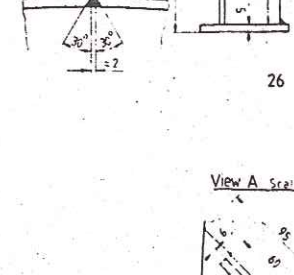
Detail "Z"



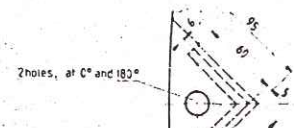
Detail "Y"



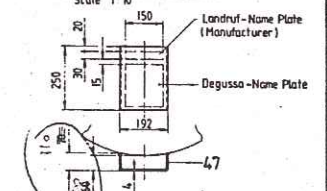
Longitudinal
Welding Seams
Scale 1:1



View A Scale 1:2

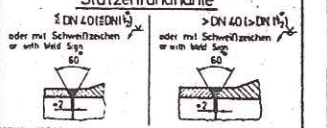


Name Plate Holder
Scale 1:10



LANDRUF GmbH			
INFO SERIAL NO.	USERS EQUIP. NO.	CODE SYMBOL	
86 3172 9	0202		
YEAR BUILT	1987		
NAME	LANDRUF		
DESIGN PRESSURE (PSI/BAR)	250 / 17.2		
DESIGN TEMPERATURE (°F/°C)	250 / 121		
CAPACITY (GAL/LITER)	555 / 2100		
COMP. ALLOWANCE (INCH/MM)	1 / 25.4		
INSULATED	YES		
COOL MANS	YES		
DEGUSSA INVENTORY NO.			

Nozzle Circ. Welds
Stutzenrundnähse



Apparatenzeichnung
Landruf Com No: 1.3572.9
Projekt No: 073/3178
Item No: 0202

Zul. Maßabweichungen für Maße ohne Toleranzangabe
nach ASME und Degussa Spezifikation
Tolerances: acc. to ASME and Degussa Specification

Part	Material	Quantity	Weight	Notes
1	Steel	1	1.0	
2	Steel	1	1.0	
3	Steel	1	1.0	
4	Steel	1	1.0	
5	Steel	1	1.0	
6	Steel	1	1.0	
7	Steel	1	1.0	
8	Steel	1	1.0	
9	Steel	1	1.0	
10	Steel	1	1.0	
11	Steel	1	1.0	
12	Steel	1	1.0	
13	Steel	1	1.0	
14	Steel	1	1.0	
15	Steel	1	1.0	
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17	Steel	1	1.0	
18	Steel	1	1.0	
19	Steel	1	1.0	
20	Steel	1	1.0	
21	Steel	1	1.0	
22	Steel	1	1.0	
23	Steel	1	1.0	
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98	Steel	1	1.0	
99	Steel	1	1.0	
100	Steel	1	1.0	

Verstärkungsstücke für drucktragende Teile

Material	Norm. Werkstoff	Norm. Werkstoff	Norm. Werkstoff	Norm. Werkstoff
1	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7
2	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7
3	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7
4	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7	SA-193 Gr. B7
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