Notes

ARMATUREN

List of licences

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List of our licences of Acceptance- and Classification-associations and Technical observance association (TÜV)

Approvals

Approvais	
Pressure equipment directive PED 97/23/EC	- Module H, H1, B+D
LRQA-Lloyd's Register Quality Assurance DIN EN ISO 9001	- Certification-No. 0912458
BV - Bureau Veritas Mode II Survey in Anlehnung an DIN EN ISO 9001 (Frankreich)	- Company classification No. SMS II/ESN/481/1.C.O. single acceptance by BV-agent
DNV - Det Norske Veritas in Anlehnung an DIN EN ISO 9001 (Norwegen)	- Company classification MSA No. R-1689 for self-proved acceptance and certification
GL - German Lloyd according to DIN EN ISO 9001	- Company classification No. GL-EP 54618-90 HH for self-proved acceptance and certification
LROS (LR) - Lloyd's Register of Shipping - Rules Part 5	- Company classification QAM 034 for self-proved acceptance and certification
SELO (SQLO) China-Licence (Chine)	Company classification No. 02300T for self-porved acceptance and certification (only safety valves)
CCS - China Classification Society	- Company classification No. HBT 04171026 for self-proved acceptance and certification
ASME Code Section VIII-Division 1 (UV-stamp)	- Certificate of Authorization No. 23,885 (only safety valves)
Canada Registration	- Type classification (safety valves with UV-stamp)
GOST-R (Russia)	- Company classification for self-proved acceptance
RMROS (RS) - Russian Maritime Register of Shipping (Russia)	- Company classification No. 05.07028.250 for self-proved acceptance and certification
Promatomnadzor (Weißrussland (Rep. of Belarus))	- Company classification for self-proved acceptance Nr. 15-86-2006
Prombezpeka (Ukraine)	- Company classification for self-proved acceptance
Rostechnadzor (Gosgortechnadsor) (Russia)	- Company classification for self-proved acceptance
TÜV - Technical observance association acc. to DIN EN 10204 - 3.1 QS-System = TRB 801 Nr. 45	- Classification for acceptance and certification by ARI - expert
TÜV - Technical observance association	- Weldung licence AD-leaflet HP0 from 26.03.92 for full automatic welding (AWH)
	- Acceptance of welding procedures

Single approvals

on request

aa. approxima	
Arbeidstilsynet - Dänischer Arbeitsschutz (Danmark)	- Single approvals
ABS - American Bureau of Shipping	- Single acceptance by ABS-agent
AIB Vincotte (Belgium)	- Single approvals
IBR - Indien Boiler Regulations	- Single approvals
ISPESL (Italy)	- Single approvals
RINA (Italy)	- Single acceptance by GL-agent
Stoomwezen (Netherlands)	- Dimension sheet and TÜV-setting certificate for safety valves
NK (Japan)	- Single approvals
UDT - URZAD DOZORU TECHNICZNEGO (Polen)	- Single acceptance and certification (only safety valves)
TSU (Slowakei)	- Single approvals
DIN EN 10204 - 3.1 and 3.2	- Single acceptance by independent expert
DIN EN 10204 - 3.2 (PED 97/23/EG, Module G)	- Single acceptance by independent expert
Further approvals	



Technology for the Future. GERMAN QUALITY VALVES

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Testing and Certification

Testing and Certification



Edition 12/07 - Data subject to alteration



		Butterfly Pressure Pressure Temp.														Testing and certification																			
Execution and Rules			Butter valve	-		Manual operated valves													c	Control va	ves		Pressure Pressure Temp. reduc. regul. valve. controller						Safety valves		Execution and Rules				
		ZESA/0		ZIVA-Z/-G	_	RO-WEDI	Bellows seal valves						Stuffing box valves			FR2.1	DP	DF	, P	PREDU PF	RESO	TEMP-	Heating	low press. steam	full lift normal	normal	full lift normal	Heating Fig. 945 / low	Fig. 950						
		012	013	014 015	5 07	70-073	046	6	047 040			066		006 005)-FR2.1						TROL	Fig. 903	Fig. 904	Fig. 900	Fig. 920	Fig. 940	press. steam						
	yes o in preparation o	1 6		A STATE OF THE STA	l a																					ě		Thomas and the second s	T PRODUCTION OF THE PRODUCTION				yes in preparation		
	Figure Nr.	20./21./22.012	20./21./22.013	20,/21,/22,014 20,/21,/22,015 20,/21,/22,014	10.070 / 071 /	072 / 073 072 / 073	22.046 34.046		22.047	34.047	35.047		45.040	35.066	23.006	34.006	35.006	45.005	12.440	23.440 35.440		55.440 23.441 35.441	55.441	701	750	177/077	903	904	901-912	921-924	941-943	945 946	951-953 961-963	Figure Nr.	
	DN	25-500	25-500	25-300	15-200	15-200	15-400		15-400	15-400	15-150	65-150	15-50		15-175	15-400	15-200	15-50	15-100	15-100	refer to Datenblat	refer to	Datenblat		25-100	15-50	20-150	20-150	20-150	20-100	15-25	15-25	15-25	DN	
	PN	10	9 4	56 64	<u> </u>	16	16	3 6	16	25	40	40	40	3 6	75	25	9 4	5 8	16	25	25	4 25 4 4 25 4	04	16-40	16	16	16-40	16	16-40	16-40	40	40	100	PN	
Bulan	No. of approval and certification	DW-6201BR0244		NG-4313BQ0462 DIN DVGW Reg NW-6201BQ0460 DIN DVGW BOG	GW Keg	TÜV Test marking 8/59	NG-4313AO 0772 86-00	DIN DVGW Reg. NG-4314AO 0777 ' TÜ.A./TÜY.AR.186-00 DIN DVGW Reg. NG-4314AO 0778 '	VGW-Reg. NG-4313AO 0771	TÜV.AR.186-00 VGW Reg. NG-4314AO 0773	TÜ.A./TÜV.AR.186-00 DIN DVGW Reg. NG-4314AO 0774 TÜ.A./TÜV.AR.186-00	VGW Reg. NG-4314AO 0777 TÜV.AR.186-00 VGW Reg. NG-4314AO 0778		DVGW Reg. NG-4314AO 0775 A./TÜV.AR.186-95 DVGW Reg. NG-4314AO 0776			Bauteilkennzeichen TÜ.A./TÜV.AR.187-00			-Zeichen	-440 DP-G sfer to Datenblatt	: : : :	tenblatt			VdTÜV Reg. Nr. TR910/TW911 (DIN CERTCO)	ÜV. SV688 D/G/H	ÜV . SV688 D	TÜV . SV663 D/G/F	ÜV . SV811 D/G/F	TÜV . SV995 D/G/F	TÜV . SV997 D/G/H	ÜV . SV1041 D/G/F	No. of approval and certification	Duta
Rules	TÜV-Test			20 20		•				FO			<u> </u>				<u> </u>						<u> </u>			>-	<u> </u>	<u> </u>	 	<u> </u>	<u> </u>	<u> </u>	<u> </u>	TÜV-Test	Rules
Stop valves for gas and water PN 4 till PN16	DIN EN 1074-1/-2 DIN EN 13774	•	•				•		•																									DIN EN 1074-1/-2 DIN EN 13774	Stop valves for gas and water PN 4 till PN16
Stop valves for gas above PN16	DIN EN 14141						•	•		•	• •	•	• (•																				DIN EN 14141	Stop valves for gas above PN16
Rules for type-testing of valves for gases and dangerous liquids	VdTÜV-leaflet Pipelines 1065						•	•		•	• •	•	•	•		•	•	•																VdTÜV-leaflet Pipelines 1065	Rules for type-testing of valves for gases and dangerous liquids
Technical conditions of delivery for valves	DIN 3230 T5/T6 DIN EN 12266						•	•		•	• •	•	•	•		•	•																	DIN 3230 T5/T6 DIN EN 12266	Technical conditions of delivery for valves
Bodies from equipment	AD2000-A4						•	•		•	• •	•	•	•		•	•	•																AD2000-A4	Bodies from equipment
Control valves for water and steam	DIN 32730																		•	• •														DIN 32730	Control valves for water and steam
Temperature control devices temperature limiters for heat generating systems	DIN EN 14597																									•								DIN EN 14597	Temperature control devices temperature limiters for heat generating systems
Automatic control valves	DIN 3394 T1																				• •	• • •	•											DIN 3394 T1	Automatic control valves
Control devices	DIN EN 13611																				• •	• • •	•											DIN EN 13611	Control devices
Automatic stopvalves for gasburner and gas appliance	s DIN EN 161																				• •	• • •	•											DIN EN 161	Automatic stopvalves for gasburner and gas appliances
Safety appliances against excess pressure - safety valves	AD2000-A2																												•	•	•		•	AD2000-A2	Safety appliances against excess pressure - safety valves
Safety appliances against excess pressure - safety valves- für Dampfkessel der Gruppen IV	TRD 421																												•	•	•			TRD 421	Safety appliances against excess pressure - safety valves- für Dampfkessel der Gruppen IV
Safety appliances against excess pressure - safety valves- für Dampfkessel der Gruppe II	TRD 721																										•	•				•		TRD 721	Safety appliances against excess pressure - safety valves- für Dampfkessel der Gruppe II
Rules for type-testing of safety appliances against excess pressure	VdTÜV-leaflet safety valve 100																										•	•	•	•	•	•	•	VdTÜV-leaflet safety valve 100	Rules for type-testing of safety appliances against excess pressure
Plastics and elastics in safety valves - Elastics	VdTÜV-leaflet safety valve 100/4																										•					•		VdTÜV-leaflet safety valve 100/4	Plastics and elastics in safety valves - Elastics
Safety devices for protection against excessive pressure - Safety valves	DIN EN ISO 4126-1																										•	•	•	•	•	•	•	DIN EN ISO 4126-1	Safety devices for protection against excessive pressure - Safety valves
Codes of practice for drinking water installation	DIN 1988 T2																																	DIN 1988 T2	Codes of practice for drinking water installation
Technical rules for clean air	TA - Luft						• 1)	•	• 1)	•	• •	•	•	•	• 2)	• 2)	• 2)	2) • 2)			• 3	i)		•				• 4)	• 4)	• 4)			TA - Luft	Technical rules for clean air
List of type-test valves	VdTÜV-leaflet 1000						•	•		0	0 0	0	0 0	0	0	•	• 0)									•	•	•	•	•	•	•	VdTÜV-leaflet 1000	List of type-test valves
Pressure Equipment Directive	97 / 23 / EG	•	•	• •	•	•	• •	•	•	•	• •	•	•	•	•	•	•	•	•	• •	• •	• • •	•	•	•	•	•	•	•	•	•	•	•	97 / 23 / EG	Pressure Equipment Directive
ASME Code Section VIII-Division 1 / National Board	ASME UV-stamp/NB																												•					ASME UV-stamp/NB	ASME Code Section VIII-Division 1 / National Board
Type approved list for machining material	VdTÜV-leaflet Material 1253/2						1)		10	20/=					0)					2)				4.7.10			4) 0, 5 :							VdTÜV-leaflet Material 1253/2	Type approved list for machining material
Bodies from equipment	TRB 801 Annex II Nr. 45						1) also for	r Fig. 12.04	46 and 12	2.047					2) 0	otional				³⁾ als	so for Fig.	151, Fig. 460), Fig. 47′	1 (without pic	ture)		⁴⁾ Safety valv	es only with be	llow made of st	ainless steel				TRB 801 Annex II Nr. 45	Bodies from equipment