



VÍTKOVICE ENERGETICKÉ STROJÍRENSTVÍ

(Originally VÍTKOVICE POWER ENGINEERING a.s.)

REFERENCE LIST OF BOILER DRUMS

(Since 2000)

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2000	Pulau Sacra, Singapore	2	∅ 2504x152-15300	FMIC TÜVBV ASME Code Sect. I, S Stamp	16,2 MPa	SA 299
2000	Pulau Sacra, Singapore	2	∅ 2622x61-1520	FMIC TÜVBV ASME Code Sect. I, S Stamp	5,6 MPa	SA 516 Gr. 70
2000	VISY, Australia	1	∅ 1600x59-9700	FMIC TÜVBV ASME Code Sect. I, Australian Code	8 MPa	SA 299
2000	VISY, Australia	1	∅ 1600x66-7730	FMIC TÜVBV ASME Code Sect. I, Australian Code	8,5 MPa	SA 299
2000	ESCH SUR ALZETTE, Luxembourg	1	∅ 2435x117-12830	LUX CONTROL ASME Code Sect. I, Australian Code	12,9 MPa	SA 299
2000	ESCH SUR ALZETTE, Luxembourg	1	∅ 2600x50-2750	LUX CONTROL ASME Code Sect. I, Australian Code	4,5 MPa	SA 516 Gr. 70
2000	ESCH SUR ALZETTE, Luxembourg	1	∅ 2340x20-6420	LUX CONTROL ASME Code Sect. I, Australian Code	1,1 MPa	SA 516 Gr. 70
2000	Vřesová, Czech Republic	1	∅ 1800x80-12000	ITI Praha ČSN 070622	16,54 MPa	15NiCuMoNb5 (WB36)
2000	Teplárna Zlín, Czech Republic	1	∅ 1800x60-8400	ITI Praha ČSN 070622	11,2 MPa	15NiCuMoNb5 (WB36)

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2000	Katrinefors, Sweden	1	∅ 1500x46-6800	RW TÜV TRD, PED 97/23/EC	9,9 MPa	15NiCuMoNb5 (WB36)
2001	Clauen, Germany	1	∅ 2200x75-6600	RW TÜV TRD	10,8 MPa	15NiCuMoNb5 (WB36)
2001	Tarragona, Spain	2	∅ 1200x48-11420	RW TÜV TRD	5,4 MPa	19Mn6
2001	Tarragona, Spain	2	∅ 1800x70-11420	RW TÜV TRD	5,4 MPa	19Mn6
2001	Tamuin, Mexico	2	∅ 1600x106-9510	FMIC TÜVBV ASME Code Sect. I, S Stamp	15,3 MPa	SA 516 Gr. 70
2001	Petkim, Turkey	1	∅ 1800x40	RW TÜV TRD, PED 97/23/EC	5,0 MPa	17Mn4
2001	Vřesová, Czech Republic	1	∅ 1800x80-12000	ITI TÜV ČSN 070622	16,54 MPa	15NiCuMoNb5 (WB36)
2001	KINGSPORT, U.S.A.	1	∅ 1828,8x78-10100	FMIC TÜVBV ASME Code Sect. I, S Stamp, NB registered	113 bar	SA 302 Gr. B
2001	Adana, Turkey	2	∅ 1300x16-6266	Lloyd's Register ASME Code Sect. I, S Stamp	1,0 MPa	SA 285 Gr. C
2001	Adana, Turkey	2	∅ 2200x16-12000	Lloyd's Register ASME Code Sect. I, S Stamp	0,6 MPa	SA 285 Gr. C
2001	Tamuin, Mexico	1	∅ 1600x106-9510	FMIC TÜVBV ASME Code Sect. I, S Stamp	15,3 MPa	SA 516 Gr. 70
2001	Salmi Voima, Finland	1	∅ 1500x70-6800	RW TÜV TRD, PED 97/23/EC Module G	10,9 MPa	15NiCuMoNb5 (WB36)
2001	Mersin, Turkey	1	∅ 1300x16-6266	Lloyd's Register ASME Code Sect. I, S Stamp	1,0 MPa	SA 285Gr.C
2001	Canakkale, Turkey	1	∅ 1300x16-6266	Lloyd's Register ASME Code Sect. I, S Stamp	1,0 MPa	SA 285 Gr. C
2001	Mersin, Turkey	1	∅ 2200x16-12000	Lloyd's Register ASME Code Sect. I, S Stamp	0,6 MPa	SA 285 Gr. C

YEAR	Adana Turkey	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2001	Canakkale, Turkey	1	Ø 2200x16-12000	Lloyd's Register ASME Code Sect. I, S Stamp	0,6 MPa	SA 285 Gr. C
2001	Adana, Turkey	2	Ø 1600x70-12000	Lloyd's Register ASME Code Sect. I, S Stamp	11,2 MPa	SA 299
2001	Adana, Turkey	2	Ø 1300x16-6266	Lloyd's Register ASME Code Sect. I, S Stamp	1,0 MPa	SA 285 Gr. C
2001	Adana, Turkey	2	Ø 2200x16-12000	Lloyd's Register ASME Code Sect. I, S Stamp	0,6 MPa	SA 285 Gr. C
2001	Mersin, Turkey	1	Ø 1600x55-12000	Lloyd's Register ASME Code Sect. I, S Stamp	8,7 MPa	SA 299
2001	Canakkale, Turkey	1	Ø 1600x55-12000	Lloyd's Register ASME Code Sect. I, S Stamp	8,7 MPa	SA 299
2001	Air Product Rotterdam, Netherlands	1	Ø 2300x30-5400	Lloyd's Register STOOMWEZEN	3,0 MPa	P295GH
2002	Lyondell Rotterdam, Netherlands	1	Ø 2000x75-12080	Lloyd's Register STOOMWEZEN, EN 97/13/EC Module G	7,3 MPa	P295GH
2002	Lyondell Rotterdam, Netherlands	1	Ø 2500x90-6300	Lloyd's Register STOOMWEZEN, EN 97/23/EC Module G	7,3 MPa	P295GH
2002	Vřesová, Czech Republic	1	Ø 1800x80-12000	ITI TÜV ČSN 070622	16,54 MPa	15NiCuMoNb5 (WB36)
2002	Eesti Narva, Estonia	2	Ø 1846x85-16100	TKK Estonia, Inspecta, TRD. Estonia Rules	16,3 MPa	15NiCuMoNb5 (WB36)
2002	Starobeshevo, Ukraine	1	Ø 2000x92-14440	ITI TÜV ČSN 070622	15,8 MPa	15NiCuMoNb5 (WB36)
2002	KRSKO, Slovenia	1	Ø 1600x55-3680	ITI TUV TRD	53 bar	P295GH
2002	EMMEN, Netherlands	1	Ø 2300x55-3680	Lloyd's Register STOOMWEZEN, EN 97/13/EC Module G	37 bar	P295GH
2002	Moscow City, Russia	2	Ø 1400x16-5500	ITI TUV TRD	10 bar	P295GH
2002	Moscow City, Russia	2	Ø 1600x50-5000	ITI TUV TRD	98 bar	15NiCuMoNb5 (WB36)

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2002	Rafinérie Litvínov, Czech Republic	1	Exchanger	ČSN 690010, LAW No. 22 of CZ = Equivalent PED/23/EC Module G		
2003	Balti Narva, Estonia	2	∅ 1846x85-16100	TKK Estonia, Inspecta, TRD. Estonia Rules	16,3 MPa	15NiCuMoNb5 (WB36)
2003	K3, Vřesová, Czech Republic	1	∅ 1800x80-12000	ITI TÜV ČSN 070622	16,54 MPa	15NiCuMoNb5 (WB36)
2003	Kispest, Hungary	1	∅ 1800x65-6000	ITI TÜV TRD	98 bar	15NiCuMoNb5 (WB36)
2003	Wicker, Germany	1	∅ 2000x85-6000	ITI TÜV TRD, PED/23/EC Module G	82 bar	P295GH
2003	Linz Mitte, Austria	1	∅ 2000x80-6000	ITI TÜV-TÜV Austria TRD, PED/23/EC Module G	119 bar	15NiCuMoNb5 (WB36)
2003	Coolkeeragh, Northern Ireland	1	∅ 1800x75-15500	Loyd's Register-Stoomwezen TRD, PED/23/EC Module G	141 bar	15NiCuMoNb5 (WB36)
2003	Coolkeeragh, Northern Ireland	1	∅ 1300x32-15500	Loyd's Register-Stoomwezen TRD, PED/23/EC Module G	37 bar	P295GH
2003	Coolkeeragh, Northern Ireland	1	∅ 2600x25-18000	Loyd's Register-Stoomwezen TRD, PED/23/EC Module G	7 bar	P265GH
2003	Ružomberok, Slovakia	1	∅ 1676x60-8420	TÜV TRD, PED/23/EC Module G	105 bar	15NiCuMoNb5 (WB36)
2003	Eskhol, Israel	1	HP Steam Drum I.D.1981x124-14630	ONETUVBV ASME I, S Stamp	154 bar	SA 299
2003	Eskhol, Israel	1	IP Steam Drum I.D.1219x25-14900	ONETUVBV ASME I, S Stamp	41 bar	SA 516 Gr. 70
2003	Eskhol, Israel	1	LP Steam Drum I.D.1524x12-12750	ONETUVBV ASME I, S Stamp	11 bar	SA 516 Gr. 70
2003	Pforzheim, Germany	1	∅ 2000x85-6000	ITI TÜV TRD, PED/23/EC Module G	82 bar	P295GH

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2003	Turkey	9	Shell Rings of Boiler Drums I.D.1524x50-1950	ONETUVBV ASME I, S Stamp	---	SA 516 Gr. 70
2003	Turkey	9	Shell Rings of Boiler Drums I.D.1524x50-1950	ONETUVBV ASME I, S Stamp	---	SA 516 Gr. 70
2004	Alon Tabor, Israel	1	HP Steam Drum I.D.1981x124-14630	ONETUVBV ASME I, S Stamp	154 bar	SA 299
2004	Alon Tabor, Israel	1	IP Steam Drum I.D.1219x25-14900	ONETUVBV ASME I, S Stamp	41 bar	SA 516 Gr. 70
2004	Alon Tabor, Israel	1	LP Steam Drum I.D.1524x12-12750	ONETUVBV ASME I, S Stamp	11 bar	SA 516 Gr. 70
2004	China	1	HP Steam Drum I.D.2416x108-9997	ONETUVBV ASME I, Without S	115 bar	SA 302 Gr. B
2004	Turkey	3	Shell Rings of Boiler Drums I.D.1524x50-1950	ONETUVBV ASME I, S Stamp	---	SA 516 Gr. 70
2004	GEELLEN, Netherlands	1	HP Steam Drum O.D.1800x70-8700	Loyd's Register- Stoomwezen TRD, PED/23/EC Module G	146 bar	15NiCuMoNb5 (WB 36)
2004	Kaliningradskaja Power station, Russia	2	HP Steam Drum O.D.1800x70-11000	TRD	85 bar	15NiCuMoNb5 (WB 36)
2004	AVS ZORBAU, Germany	2	HP Steam Drum I.D.1700x52-8700	TUV Nord Poland EN 12952 PED 97/23, Module G	55 bar	P355GH
2004	Skoghall, Sweden	1	HP Steam Drum I.D.1800x77-13200	RW TUV EN 12952 PED 97/23 Module G	137 bar	15NiCuMoNb5 (WB 36)
2004	Anglo Platinum, South Africa	1	Pressure Vessel – Expansion Tank I.D.1300x55-5000	ONETUVBV ASME I, Without S	80 bar	SA 516 Gr. 70
2004	Termoli, Italy	2	HP Steam Drum I.D.2134x78-13107	Loyd's Register- ASME I, PED/23/EC Module G	152 bar	15NiCuMoNb5 (WB 36)
2004	Lavrion, Greece	1	HP Steam Drum I.D.1829x106-12000	Bureau Veritas ASME I, PED/23/EC Module G	152 bar	SA 516 Gr. 70
2004	Lavrion, Greece	1	IP Steam Drum I.D.1524x24-12000	Bureau Veritas ASME I, PED/23/EC Module G	34 bar	SA 516 Gr. 70

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2004	Lavrion, Greece	1	LP Steam Drum I.D.2743x18-12000	Bureau Veritas ASME I, PED/23/EC Module G	10 bar	SA 516 Gr. 70
2004	Wuppertal, Germany	1	HP Steam Drum I.D.2200x50-4300	Fisia Babbcock EN 12952 PED/23/EC Module H1	53 bar	P355GH
2005	Rya Göteborg, Sweden	3	HP Steam Drum O.D.1800x70-5000	SZÚ BRNO, CZ EN 12952 PED/23/EC Module G	112 bar	15NiCuMoNb5 (WB 36)
2005	OS STEEL KOŠICE, Slovakia	1	HP Steam Drum O.D.1800x40-10150	TECHNICKÁ INŠPEKCIA EN 12952 PED/23/EC Module G	45,1 bar	P295GH
2005	Kelenfold, Hungary	1	HP Steam Drum O.D.1200x36-13300	TÜV SUD EN 12952 PED/23/EC Module G	112 bar	P355GH
2005	Östrand, Sweden	1	∅ 1993x82-16800	RW TÜV EN 12952 PED/23/EC Module G	136 bar	15NiCuMoNb5 (WB36)
2006	Bucuresti, Romania	1	∅ 2000x90-10000	TÜV CZ EN 12952 PED/23/EC Module G	126 bar	15NiCuMoNb5 (WB36)
2006	Pitea, Sweden	1	∅ 1764x82-10200	RW TÜV EN 12952 PED/23/EC Module G	145 bar	15NiCuMoNb5 (WB36)
2006	Turbigo, Italy	2	∅ 2184x66-13400	NOBO ASME Code Sect. I PED/23/EC Module G	138 bar	15NiCuMoNb5 (WB36)
2006	Nettingsdorf, Austria	1	∅ 1648x62-6850	TÜV Österreich EN 12952 PED/23/EC Module G	100 bar	15NiCuMoNb5-5-6 (WB36)
2006	Moscow City II, Russia	2	HP Steam Drum O.D.1600x50-5000	TÜV SUD TRD	97 bar	15NiCuMoNb5-5-6 (WB36)
2006	Moscow City II, Russia	2	LP Steam Drum O.D.1400x16-5500	TÜV SUD TRD	10 bar	15NiCuMoNb5-5-6 (WB36)
2006	Priolo, Italy	4	∅ 2068x94-6700	NOBO ASME Code Sect. I,Ed.04, Add.05 PED/23/EC Module G	118 bar	SA 516 Gr.70

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2006	Kinyara Sugar works LTD, South Africa	1	Water Drum O.D. 1380x40-6300	Lloyd's Register Ema EN 12952 BS 1113	39,6 bar	P355GH
2006	Izdemir, Turkey	2	HP Steam Drum I.D.1676x89-11544	SGS Asme Code Sect. I, Ed. 04, Add.05 Without S	117,2 bar	SA 299
2006	LEVICE, Slovakia	2	HP Kotlové těleso I.D.1600x60-5032	ITI Slovakia EN 12952 PED 97/23-EC Module G	69,4 bar	P355GH
2007	Kinyara Sugar works LTD, South Africa	1	Steam Drum O.D.2120x60-7820	Lloyd's Register Ema EN 12952 BS 1113	39 bar	P355GH
2007	Rudersdorf, Germany	1	O.D.20000x68-14310	Customer, TUV SUD 0036 EN 12952 PED 97/23 Module H1	105 bar	15NiCuMoNb5-5-6 (WB36)
2007	Herten, Germany	2	O.D.1900x42-8500	Customer, TUV SUD 0036 EN 12952 PED 97/23 Module H1	47 bar	P355GH
2007	Lakeside, Great Britain	2	I.D.1700x50-13398	Customer, TUV NORD 0045 EN 12952 PED 97/23 Module G	62 bar	P355GH
2007	Třinec, Czech Republic	1	I.D.1600x72-5400	Customer, TUV NORD 0045 EN 12952 PED 97/23 Module G	147 bar	15NiCuMoNb5-5-6 (WB36)
2007	KYMI RB, Finland	1	I.D.2000x90-13500	Customer, TUV NORD 0045 EN 12952 PED 97/23 Module G	130 bar	15NiCuMoNb5-5-6 (WB36)
2007	DEVEN, Bulgaria	1	I.D.1524x86-11582	Customer, Lloyd's Register Ema Asme Code Sect.I, Ed.04, Add05 Without Stamp PED 97/23-G	124,1 bar	SA 299
2007	LINDKÖPING, Sweden	1	O.D.2000x40-8814	Customer, Inspecta Sweden, UDT Polska, EN 12952 PED 97/23-G	67 bar	15NiCuMoNb5-5-6 (WB36)

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2007	Terres de Santa Maria	1	O.D.1400x40-6679	Customer, JEBRU Denmark, UDT Polska, EN 12952 PED 97/23-G	80 bar	15NiCuMoNb5-5-6 (WB36)
2007	Siilinjärvi, Finland	1	O.D.1600x56-4100	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	75 bar	P355GH
2007	ROSTOCK, Germany	1	O.D.1700x50-13400	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	54 bar	P295GH
2007	Kazzinc Cooper, Kazakhstan	1	O.D.1600x35-7000	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	45 bar	P355GH
2007	Kazzinc Lead, Kazakhstan	1	O.D.1900x40-6000	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	45 bar	P355GH
2007	Malsch, Germany	1	O.D.1300x40-4000	Customer, TÜV SÜD EN 12952 CE 0036 PED 97/23-G	73 bar	P355GH
2007	BMHKW Wittenberg-Piesteritz, Germany	1	O.D.1600x70-5400	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	160 bar	15NiCuMoNb5-5-6 (WB36)
2007	262 RAPPBR, Indonesia	1	I.D.2200x108-19300	Customer, ONETUVBV Asme Code Sect. I, Ed.04, Add.05 Without S	115 bar	SA 302 Gr. B
2008	PANNA 4, Chile	1	I.D.2200x38-7200	Customer, ONETUVBV Asme Code Sect. I, Ed.04, Add.05 S Stamp	3,2 MPa	SA 516 Gr. 70
2008	Fos Sur Mer, France	1	I.D.1524x84-7500	Customer, TUV Rheinland Asme Code Sect. I, Ed. 04, Add.05 Without S PED 97/23-EC Module G	3,2 MPa	SA 516 Gr. 70

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2008	1024-FYV8-FYNSVAERKET-ODENSE, Denmark	1	O.D.1600x65-16036	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	134 bar	15NiCuMoNb5-5-6 (WB36)
2008	Mordovcement, Russia	1	Boiler Drum O.D.1800x40-5380	Customer, NoBo-TI Nitra EN 12952 CE 1354 PED 97/23-G	47 bar	P355GH
2008	Zonguldak, Turecko	1	Boiler Drum O.D.1800x100-12700	Customer, NoBo-TI Nitra EN 12952 CE 1354 PED 97/23-G	174 bar	15NiCuMoNb5-5-6 (WB36)
2008	ENCE Navia 1, Spain	1	O.D.1973x72-9812	Customer, TÜV NORD EN 12952 PED/23/EC Module G CE 0045	120 bar	15NiCuMoNb5-5-6 (WB36)
2008	ENCE Navia 2, Spain	1	O.D.1644x72-9400	Customer, TÜV NORD EN 12952 PED/23/EC Module G CE 0045	150 bar	15NiCuMoNb5-5-6 (WB36)
2008	UMEA DAVA II, Sweden	1	O.D.1700x95-10900	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	169 bar	15NiCuMoNb5-5-6 (WB36)
2008	METOR II, Venezuela	1	O.D.2400x66-11252	Customer, TÜV NORD AD:2000 Merkblätter	112 bar	15NiCuMoNb5-5-6 (WB36)
2008	Otrokovice, Czech Republic	1	O.D.1800x90-8000	Customer, TÜV NORD EN 12952 CE 1221 PED 97/23-G	112,8 bar	P355GH
2008	BRUNEI, Borneo	1	O.D.2400x66-11252	Customer, TÜV NORD AD:2000 Merkblätter	112 bar	15NiCuMoNb5-5-6 (WB36)
2008	LINDKÖPING, Sweden	1	O.D.2000x40-8814	Customer, Inspecta Sweden, UDT Polska, EN 12952 PED 97/23-G	67 bar	15NiCuMoNb5-5-6 (WB36)

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2008	Rizhao, China	1	I.D.2200x108-19300	Customer, ONETUVBV Asme Code Sect. I, Ed.04, Add.05 Without S	115 bar	SA 302 Gr. B
2008	Doe Run, Peru	1	I.D.1800x44-6000	Customer, TRD TÜV NORD	5 MPa	P355GH
2008	Colbun, Chile	1	O.D.2000x150-20000	Customer, ONETUVBV Asme Code Sect. I, Ed.04, Add.06 S Stamp	19,8 MPa	SA 302 Gr. B
2008	Bocamina, Chile	1	O.D.2000x150-20000	Customer, ONETUVBV Asme Code Sect. I, Ed.04, Add.06 S Stamp	19,8 MPa	SA 302 Gr. B
2008	Ivanovo, Russia	2	I.D.1600x36-9400	Customer, EN 12952	76 bar	15NiCuMoNb5-5-6 (WB36)
2008	Ivanovo, Russia	2	I.D.2000x20-11000	Customer, EN 12952	10 bar	P265GH
2008	Mondi Syktyvkar, Russia	1	O.D.1979x75-14000	Customer, TÜV NORD EN 12952 PED/23/EC Module G CE 0045	121 bar	15NiCuMoNb5-5-6 (WB36)
2009	Lenzing, Austria	1	O.D.1600x50-6000	Customer, TÜV Österreich EN 12952 PED/23/EC CE 0408	99 bar	15NiCuMoNb5-5-6 (WB36)
2009	PERM, Russia	2	O.D.1600x50-5000	Customer, TÜV SÜD Czech EN 12952 CE 1017 PED 97/23-G	97 bar	15NiCuMoNb5-5-6 (WB36)
2009	Uzhnaya, Russia	2	I.D.2420x50-9150	Customer, EN 12952	92 bar	15NiCuMoNb5-5-6 (WB36)
2009	Teplárna Plzeň, Czech Republic	1	I.D.1400x65-7500	Customer, TÜV SÜD CZ EN 12952 PED/23/EC Module G CE 1017	80 bar	P295GH
2009	Turkey	3	Shell Rings of Boiler Drums I.D.1524x50-1950	ONETUVBV ASME I, S Stamp	---	SA 516 Gr. 70

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2009	FACTURE, France	1	I.D.1600x82-9000	Customer, TÜV NORD EN 12952 PED/23/EC Module G CE 0045	152 bar	15NiCuMoNb5-5-6 (WB36)
2009	DOW in Stade, Germany	2	O.D.2800x68-11000	Customer, TÜV NORD EN 12952 PED/23/EC Module G CE 0045	56 bar	P355GH
2009	BONTANG, Indonesia	1	O.D.1800x52-5000	ONETU BV ASME Code Sect.VIII, Div. 1 U Stamp	7200 kPa	SA 516 Gr. 70
2010	VENEZUELA	4	I.D.1500x45-11480	ONETU BV ASME Sect. I Without S	31,391 bar	SA 515 Gr. 70
2010	VENEZUELA	4	I.D.1219x40-9565	ONETU BV ASME Sect. I Without S	32,373 bar	SA 515 Gr. 70
2010	Otrokovice, Czech Republic	1	O.D.1800x90-8000	Customer, TÜV NORD EN 12952 CE 1221 PED 97/23-G	112,8 bar	P355GH
2010	GOK7, DEZA Valašské Meziříčí, Czech Republic	1	Upper Drum O.D.1900x65-6000	Customer, TÜV SUD CZ EN 12952 CE 1221 PED 97/23-G	46,1 bar	P355GH
2010	GOK7, DEZA Valašské Meziříčí, Czech Republic	1	Lower Drum O.D.1500x45-6000	Customer, TÜV SUD CZ EN 12952 CE 1221 PED 97/23-G	46,1 bar	P355GH
2010	K Cymic, Finland	1	I.D.1600x85-1050	Customer, TÜV NORD EN 12952 PED/23/EC Module G CE 0045	165 bar	15NiCuMoNb5-5-6 (WB36)
2010	Ca Mau, Vietnam	1	Steam Drum O.D.2750x78-11900	Customer, TÜV NORD AD:2000 Merkblätter PED 97/23-EC	13 MPa	15NiCuMoNb5-5-6 (WB36)
2010	Žarnovica, Slovakia	1	O.D.1400x70-4000	Customer, SZÚ NoBo 1015 EN 12952 PED 97/23-EC	88 bar	P355GH

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2010	EOG Narva, Estonia	1	O.D.2400x68-10000	Customer, TÜV NORD EN 12952 PED 97/23-EC	6 MPa	P355GH
2011	OMNIA, South Africa	1	O.D.2000x48-5000	ONETUVBV ASME Code Sect.VIII, Div. 1, U Stamp	5900 kPa	SA 516 Gr. 70
2011	Shanhua, China	2	O.D.1750x37-4560	Customer, TÜV NORD ASME Code Sect.VIII, Div. 1	4,84 MPa	SA 516 Gr. 70
2011	SIAULIAI THERMAL POWER STATION, Lithuania	1	O.D.1600x35-6800	Customer, TÜV NORD EN 12952, CE 0045 PED 97/23-G	64 bar	15NiCuMoNb5-5-6 (WB36)
2011	BIELSKO-BIALA, Poland	1	O.D.1828x76-9500	Customer, TÜV NORD EN 12952, CE 0045 PED 97/23-G	145 bar	15NiCuMoNb5-5-6 (WB36)
2011	KLAIPEDA, Lithuania	1	O.D.2000x40-13550	Customer, TÜV SÜD EN 12952, CE 0036 PED 97/23-H1	64 bar	15NiCuMoNb5-5-6 (WB36)
2011	PANNON, Hungary	1	O.D.1720x60-14800	Customer, TÜV NORD EN 12952, CE 0045 PED 97/23-G	124 bar	15NiCuMoNb5-5-6 (WB36)
2011	HKW IGNIS, Germany	1	O.D.2000x36/30-15100	Customer, TÜV NORD EN 12952, CE 0045 PED 97/23-G	55 bar	15NiCuMoNb5-5-6 (WB36)
2011	Teplárna Košice, Slovakia	1	O.D.1800x85-6800	Customer, TI Slovenské republiky EN 12952, CE 1354 PED 97/23-G	160 bar	15NiCuMoNb5-5-6 (WB36)
2011	MONTES DEL PLATA, Uruguay	1	O.D.1680x85-8650	ONETUVBV ASME Code Sect.I Without S	12 MPa	SA 302 Gr. B
2011	ERDEMIR, Turkey	1	O.D.1800x18-6000	Customer, TÜV NORD AD 2000 CE 0045 PED 97/23-G	212 bar	P355GH
2011	Domoradice, Czech Republic	1	O.D.1400x70-4000	Customer, SZÚ NoBo 1015 EN 12952 PED 97/23-EC	88 bar	P355GH

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2012	Chemtex, Italy	1	O.D.2100x60-7000	Customer, TÜV NORD CE 0045, EN 12952 PED 97/23-EC	80 bar	15NiCuMoNb5-5-6 (WB36)
2012	IGGESUND PAPER-BOARD WORKIN-GTON, Great Britain	1	O.D.1979x75-10600	Customer, TÜV NORD CE 0045, EN 12952 PED 97/23-EC	124 bar	15NiCuMoNb5-5-6 (WB36)
2012	HARALDRUD, Norway	1	O.D.1600x25-5620	Customer, TÜV NORD EN 12952, CE 0045 PED 97/23-G	25 bar	16Mo3
2012	Delfzijl, Netherlands	1	O.D.1600x75-9500	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	112 bar	P460NH
2012	Yugozapadnayja CPP, Russia	3	O.D.2110x55-5000	Customer, EN 12952	105 bar	15NiCuMoNb5-5-6 (WB36)
2012	TEC 12CPP, Mosenergo, Russia	1	O.D.2518x54-9150	Customer, EN 12952	96 bar	15NiCuMoNb5-5-6 (WB36)
2012	Djagilevskaya TEC, Russia	2	O.D.2100x50-5000	Customer, EN 12952	88 bar	15NiCuMoNb5-5-6 (WB36)
2012	Aleksinskaya TEC, Russia	2	O.D.2100x50-5000	Customer, EN 12952	88 bar	15NiCuMoNb5-5-6 (WB36)
2012	Novogorkovskaya TEC, Russia	2	O.D.1948x74-13600	Customer, EN 12952	166 bar	15NiCuMoNb5-5-6 (WB36)
2012	Yunus Emre, Turkey	1	O.D.2000x107-15208	TÜV Rheinland CE 0035 ASME Code Sect. I Ed. 2007 Add 2009b Without S PED 97/23-EC Module G	168 bar	SA-302 Gr. B
2013	Yunus Emre, Turkey	1	O.D.2000x107-15208	TÜV Rheinland CE 0035 ASME Code Sect. I Ed. 2007 Add 2009b Without S PED 97/23-EC Module G	168 bar	SA-302 Gr. B
2013	Kurskaya TEC, Russia	2	O.D.2100x50-5000	Customer, EN 12952	88 bar	15NiCuMoNb5-5-6 (WB36)
2013	SADARA Chemical CoMPany, Kingdom od Saudi Arabia	1	O.D.2200x58-10000	ONETUVBV ASME Code Sect.VIII, Div. 1 U Stamp	55 bar	SA 516 Gr. 70

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2013	IDEVietnam, Vietnam	1	Intermediate Shaft-Center Stay	ONETUVBV ASME Code Sect.VIII, Div. 1 U Stamp		SA 516 Gr. 70
2013	VINACOMIN, Vietnam	1	O.D.1800x42-4000	ONETUVBV ASME Code Sect.VIII, Div. 1 U Stamp	5000 kPa	SA 516 Gr. 70
2013	Nicico, Iran	1	O.D.2200x65-10000	Customer, TÜV NORD CE 0045 EN 12952 PED 97/23-EC Module G	67 bar	15NiCuMoNb5-5-6 (WB36)
2013	Mostek, Czech Republic	1	O.D.1400x50-4900	Customer, TÜV NORD Czech CE 1221 EN 12952 PED 97/23-EC Module G	52,5 bar	P355GH
2013	Korangi 2, Pakistan	1	HP Steam Drum O.D.1800x55-7000	Customer, TÜV NORD Czech CE 0045 EN 12952 PED 97/23-EC Module G	65 bar	P355GH
2013	Korangi 2, Pakistan	1	LP Steam Drum O.D.1600x20-7000	Customer, TÜV NORD CE 0045 EN 12952 PED 97/23-EC Module G	11 bar	P265GH
2013	RB3 Mondi SCP, Ružomberok, Slovakia	1	O.D.1979x75-9200	Customer, TÜV NORD, CE 0045 EN 12952 PED 97/23-EC	126 bar	15NiCuMoNb5-5-6 (WB36)
2013	ALLIAGA 802 MW Combined Cycle Power Plant, Turkey	1	HP Steam Drum O.D.2671x124-8900	TÜV NORD, Customer, ASME Code Sect.I Ed.2004, Add. 2006 Without Stamp Item, PED 97/23-EC Module G	146 bar	SA 302 Gr. B
2013	ALLIAGA 802 MW Combined Cycle Power Plant, Turkey	1	IP Steam Drum O.D.2900x40-2800	TÜV NORD, Customer, ASME Code Sect.I Ed.2004, Add. 2006, Without Stamp, Item, PED 97/23-EC Module G	34 bar	SA 516 Gr. 70

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2014	ALLIAGA 802 MW Combined Cycle Power Plant, Turkey	1	HP Steam Drum O.D.2671x124-8900	TÜV NORD, Customer, ASME Code Sect.I Ed.2004, Add. 2006, Without Stamp, Item, PED 97/23-EC Module G	146 bar	SA 302 Gr. B
2014	ALLIAGA 802 MW Combined Cycle Power Plant, Turkey	1	IP Steam Drum O.D.2900x40-2800	TÜV NORD, Customer, ASME Code Sect.I Ed.2004, Add. 2006, Without Stamp, Item, PED 97/23-EC Module G	34 bar	SA 516 Gr. 70
2014	110157PT Cikarang, Indonesia	2	O.D.2040x120-15000	Customer, Asme Code Sect. I, Ed.10, Add.11a Without S	155 bar	SA 302 Gr. B
2014	Kotel K5, Planá nad Lužnicí, Czech Republic	1	O.D.1400x45-6500	TÜV SÜD Czech CE 1017 EN 12952 PED 97/23-EC Module G	60 bar	P295GH
2014	KVV8 Värtaverket, Sweden	1	O.D.1790x95-21200	Customer, DEKRA Industrial AB CE 0640 EN 12952 PED 97/23-EC Module G	185 bar	15NiCuMoNb5-5-6 (WB36)
2014	120119 Sevelie, Finland	1	I.D.1600x65-14396	Customer, TÜV NORD Czech CE 1221 EN 12952 PED 97/23-EC Module G	103 bar	15NiCuMoNb5-5-6 (WB36)
2014	TYCHY, Poland	1	O.D.1828x76-9500	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	145 bar	15NiCuMoNb5-5-6 (WB36)
2014	Teplárna Žilina, Slovakia	1	O.D.1600x58-6500	Customer, TÜV NORD EN 12952 CE 0045 PED 97/23-G	115 bar	15NiCuMoNb5-5-6 (WB36)
2014	Brigg, Great Britain	1	O.D.1800x70-12620	Customer, TÜV NORD SWEDEN(CZECH) EN 12952 CE 2529 PED 97/23-G	144 bar	15NiCuMoNb5-5-6 (WB36)

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2014	110161 Dunauham, Hungary	1	O.D.1746x73-9700	Customer, TÜV NORD CE 0045 EN 12952 PED 97/23-EC Module G	144 bar	15NiCuMoNb5-5-6 (WB36)
2014	Synthesia Pardubice, Czech Republic	1	O.D.1600x95-6000	TÜV SÜD Czech CE 1017 EN 12952 PED 97/23-EC Module G	110 bar	P355GH
2014	KVV Sörby, Sweden	1	O.D. 1600x48-7400	Customer, DEKRA Industrial AB, CE 0640 EN 12952 PED 97/23-EC Module G	98 bar	15NiCuMoNb5-5-6 (WB36)
2014	TPP Thermogas Machala, Ecuador	3	HP Steam Drum O.D.1940x70-9750	Customer, AI-TÜV NORD Asme Code Sect. I, Ed.2013 S Stamp	111 bar	SA 302 Gr. B
2014	TPP Thermogas Machala, Ecuador	3	LP Steam Drum O.D.1940x70-9750	Customer, AI-TÜV NORD Asme Code Sect. I, Ed.2013 S Stamp	10 bar	SA 516 Gr. 70
2014	Kotel K3, Teplárna Chomutov, Czech Republic	1	O.D.1400x34-6900	TÜV SÜD Czech CE 1017 EN 12952 PED 97/23-EC Module G	42,3 bar	P295GH
2014	Kotel K6, Planá nad Lužnicí, Czech Republic	1	O.D.1400x45-6500	TÜV SÜD Czech CE 1017 EN 12952 PED 97/23-EC Module G	60 bar	P295GH
2015	IZUMI, Japan	1	Intermediate Shaft- Center Stay	TÜV NORD ASME Code Sect.VIII, Div. 1 U Stamp		SA 516 Gr. 70
2015	Kotel K7, USS Košice, Slovakia	1	O.D.1600x60-8300	TÜV NORD CE 1221 EN 12952 PED 97/23-EC Module G	121 bar	15NiCuMoNb5-5-6 (WB36)
2015	ArcelorMittal Ostrava, Czech Republic	1	O.D.1728x64-10500	Customer, TÜV NORD Czech CE 1221 EN 12952 PED 97/23-EC Module G	132 bar	15NiCuMoNb5-5-6 (WB36)

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2015	Lisbjerg, Denmark	1	O.D.1800x70-12620	Customer, TÜV NORD SWEDEN(CZECH) EN 12952, CE 2529 PED 97/23-G	144 bar	15NiCuMoNb5-5-6 (WB36)
2015	RB Oululi, Finland	1	O.D.1730x65-11560	Customer, TÜV NORD Czech CE 1221 EN 12952 PED 97/23-EC Module G	110 bar	15NiCuMoNb5-5-6 (WB36)
2015	Kaunas, Lithuania	1	O.D.1200x35-4570	Customer, TÜV SÜD Czech CE 1017 EN 12952 PED 97/23-EC Module G	79 bar	15NiCuMoNb5-5-6 (WB36)
2015	Snetterton, Great Britain	1	O.D.1800x70-14900	Customer, TÜV NORD SWEDEN(CZECH) EN 12952 CE 2529 PED 97/23-G	144 bar	15NiCuMoNb5-5-6 (WB36)
2015	Deven, Bulgaria	1	O.D.1640x58-9500	Customer, TÜV NORD Czech CE 1221 EN 12952 PED 97/23-EC Module G	118 bar	15NiCuMoNb5-5-6 (WB36)
2016	Faisalabad, Pakistan	1	O.D.1710x50-5500	Customer, EN 12952 PED 97/23-EC Module G	113 bar	15NiCuMoNb5-6-4 (WB36)
2016	SYRA 4, Köping, Sweden	1	O.D.1800x52-8000	Customer, EN 12952 PED 97/23-EC Module G		P355GH
2016	Äänekoski, Finland	1	O.D.2420x110-22500	Customer, TÜV NORD Czech CE 1221 EN 12952 PED 97/23-EC Module G	140 bar	15NiCuMoNb5-6-4 (WB36)
2016	Zanam Glogow, Poland	1	O.D.1600x45-6500	Customer, TÜV NORD Czech CE 1221 EN 12952 PED 97/23-EC Module G	56 bar	P355GH

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2016	Cramlington, Great Britain	1	O.D.1800x75-11600	Customer, TÜV NORD SWEDEN(CZECH) EN 12952 CE 2529 PED 97/23-G	144 bar	15NiCuMoNb5-5-6 (WB36)
2016	Biomass fired boiler project No. 14_0090LN, Turkey	1	O.D.1064x32-7700	Customer, TÜV NORD Czech EN 12952 PED 97/23-EC Module G	75 bar	P355GH
2017	Primorska TES, Russia	3	O.D.1734x67-11300	Customer, TÜV NORD Czech EN 12952 PED 97/23-EC Module G		15NiCuMoNb5-6-4
2017	Södra Cell Värö, Sweden	1	O.D.2000x70-9420	Customer, TÜV NORD Czech EN 12952 PED 97/23-EC Module G	67 bar	P355GH
2017	US Steel K6, Slovakia	1	O.D. 1800x60-8300	Customer, TÜV NORD Czech EN 12952 PED 2014/68/EU Module G	121 bar	15NiCuMoNb5-6-4
2019	110361 Oulu CFB, Finland	1	O.D. 1784x92-10500	Customer, TÜV NORD Czech EN 12952 PED 2014/68/EU Module G	185 bar	15NiCuMoNb5-6-4
2019	Teplárna Otrokovice K8, Czech Republic	1	O.D. 1400x55-8727	Customer, TÜV SUD EN 12952 PED 2014/68/EU Module G	110 bar	15NiCuMoNb5-6-4
2019	Czestochowa Nowa 10130, Poland	1	O.D. 1400x75-5400	Customer, TÜV Státní zkušební ústav Brno EN 12952 PED 2014/68/EU Module B+F	78 bar	P355GH
2019	Czestochowa Nowa 10131, Poland	1	O.D. 1400x75-5400	Customer, TÜV Státní zkušební ústav Brno EN 12952 PED 2014/68/EU Module B+F	78 bar	P355GH
2019	DUIVEN, Poland	1	O.D. 1500x40-3800	Customer, TÜV NORD Czech EN 12952 PED 2014/68/EU Module G	64 bar	P355GH

YEAR	PROJECT, COUNTRY	PCS.	DIMENSIONS (mm)	THIRD PARTY STANDARD	DESIGN PRESSURE	QUALITY OF MATERIAL
2019	ANDIJK, Poland	1	O.D. 1500x40-3800mm	Customer, TÜV NORD Czech EN 12952 PED 2014/68/EU Module G	64 bar	P355GH
2020	ZAGREB Croatia	2	O.D. 1349x65-7200mm	Customer, TÜV NORD Czech EN 12952 PED 2014/68/EU Module G	102,89 bar	P355GH
2020	ZAGREB Croatia	2	O.D. 1212x22-7200mm	Customer, TÜV NORD Czech EN 12952 PED 2014/68/EU Module G	25 bar	P355GH
2020	BEMMEL Poland	1	O.D. 1500x40-3800mm	Customer, TÜV Austria EN 12952 PED 2014/68/EU Module G	64 bar	P355GH
2020	NIFA C / D Germany	2	O.D. 1300x20-4000mm	Customer, TÜV NORD Czech EN 13445 PED 2014/68/EU Module G	32 bar	P355GH
2020	NA/AN ANWIL Poland	1	O.D. 1900x48-7500	Customer, TÜV NORD Czech EN 12952 PED 2014/68/EU Module G	60 bar	P355GH

The full-scale reference list is at disposal at the above mentioned address.