

Declaration of Compliance

Name & Address of Manufacturer:

Harsiddhi Engineering Co.

A-46, Taloja MIDC, Near Dena Bank, Dist. Raigad-410208, Maharashtra, India.

This is to certify that the manufacturer has implemented and applies a QA System. This QA System has been subjected to a specific compliance for material acc. To Directive 2014/68/EU.

Pressure Equipment Directive 2014/68/EU

System Acc. To EN 764-5, article 4.2 and AD- 2000 Merkblatt W0.

For following scope:

MANUFACTURER OF STAINLESS STEEL SEAMLESS & WELDED PIPE FITTINGS AND FLANGES. (For more details please refer the annexure of this certificate)

Production site: A-46, Taloja MIDC, Near Dena Bank, Dist. Raigad-410208, Maharashtra, India.

Certificate No.: 1011-PED-BA-EU-10-4202-SIAC-002205-IN

This certificate is valid from 23-Oct-2024 until 23-Oct-2027 and remain valid subject to satisfactory Annual surveillance audits. Certification expiry on 22-Oct-2027

The validity of this certificate is connected to a valid certification accordance with ISO 9001 : 2015.

The product/material is declared by the manufacturer as complying with the applicable directives. GLBA has performed a review of the technical information of the product. The manufacturer is required to inform GLBA of any changes to its product design and technical documentation. The PED certification may be used by the manufacturer, for this product, under the sole responsibility of the manufacturer.

Date of Issue : 23/10/2024 Place: Varese, Italy.

Davide Perez. Head – Certification (Pressure Equipment) Gulf Lloyds Business Assurance (Europe)

GLBA has been accredited by SIAC(E)-Swiss International Accreditation Center (Europe). For verification of this certificate with CB: WWW.GL-BA.COM; The certificate remains the property of GLBA, to whom it must be returned on request. Lack of fulfillment of certification terms and conditions at all times, may render this certificate invalid. The product liability rests with the manufacturer in accordance with their committed specifications and contractual obligations, including applicable standards. The Directive shown above is for reference only and does not indicate accreditation. Gulf Lloyds Business Assurance does not accept any liability and claims arising due to this certificate.



HARSIDDHI ENGINEERING CO

An ISO 9001:2015 Certified Co





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ANNEXURE

Scope of Approval:

Manufacturer and Supply of Carbon Steel, Alloy Steel and Stainless steel Seamless Pipes, Tubes and U-Tubes

Manufactures Name & Address:

Harsiddhi Engineering Co. A-46, Taloja MIDC, Near Dena Bank, Dist. Raigad-410208, Maharashtra, India.

						Dimensions	sions		Weight		Technical	Rem
Cur.	Material Term. Material No.	Material Specification	Delivery Condition	Article type of Product	Thickness (mm)	ness n)	Dia. Ø mm	E	Max 1=t/ 2=kg		Specifications Requirements Technical	arks
					From	to Up	Fro m	to <mark>U</mark> p	⇒	Result	Regulations	
1	2	3	4	5	6a	6b	7a	7b	8a	8b	6	10
The ur partic	The use of Materials According to DGR 97/23/EC is bound to the publication of harmonizes standard or to the qualification by European material approval or to the particular material appraisal with that the manufacturing reliability for equivalent material grades according to other standards(e.g. BS, AFNOR, ASME) is proved. The manufacture of the prediction of the use of material grades is descording to other standards(e.g. BS, AFNOR, ASME) is proved. The	7/23/EC is bound to the p ne manufacturing reliabil	bublication of ha lity for equivaled	ntmonizes standard nt material grades a	or to the c ccording t	qualifica to other	tion by standar	Europea ds(e.g. l	n mate 3S, AFN to 4	erial api IOR, ASI	proval or to the ME) is proved. Th	e
				Elbow	1.65	59.5	21.3	610				For
			:	Reducers	1.65	59.5	21.3	610				AST
	BW Fittings Carbon Steel	Seamless A234 WPB	z	Bends Tee	1.65	30	21.3	610				Σ
				Cap	1.65	59.5	21.3	610				Mat
				Elbow	1.65	59.5	21.3	610				erial
		Seamless A 420	H	Reducers	1.65	59.5	21.3	610				A
	BW FITTINGS CARDON LICS	WPL6	Z	Bends Tee	1.65	59.5	21.3	610				PMA
				Cap	1.65	59.5	21.3	610			4	is
		Seamless A403, 304,		Elbow	1.65	33.3	21.3	324		and the	es Assuration	Requ
	DW Fittings Stainlass Ctaal	304H/L,304L, 316,	۸T	Reducers	1.65	33.3	21.3	324		SPACE /	E	ired
	DVV FILLINGS STAIRINGSS STEEL	316H/L,316Ti,321,	Ŧ	Bends Tee	1.65	28.6	21.3	324	-	X	OPE	
		904L		Cap Stub End	1.65	33.3	21.3	324	F		XX KU	
			-						2		GLEDDER 1 OF 6	

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Rem arks			10	eu	For	AST	Σ	Mat	erial	A	PMA	IS	Requ	ired										
Technical Specifications	Requirements Technical	Regulations	6	proval or to the ME) is proved. Th																	Assuration of the second		ROP	A ANY
Weight Max	1=t/ 2=kg	Result	8b	terial ap NOR, AS																	10	SPAC	-	No.
3 -		⇒	8a	an ma BS, AF 2 to 4.								_	•	•	•	•	6	•	6	•	•	•	•	7
	Dia. Ø mm	Up to	7b	Europe irds(e.g. column	324	324	324	324	610	610	610	610	1219	1219	1219	1219	1219	1219	1219	1219	1219	1219	1219	1219
Dimensions	Dia.	Fro m	7a	tion by standa sted in	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
Dimer	ness n)	Up to	6b	qualifica to other rades li	33.3	33.3	28.6	33.3	59.5	59.5	30	59.5	60	60	50	60	60	60	50	60	60	60	50	60
	Thickness (mm)	From	ба	or to the o ccording naterial g	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
	Article type of Product		5	rmonizes standard of the material grades ao rved for the use of n	Elbow	Reducers	Bends Tee	Cap Stub End	Elbow	Reducers	Bends Tee	Cap	Elbow	Reducers	Bends Tee	Cap	Elbow	Reducers	Bends Tee	Cap	Elbow	Reducers	Bends Tee	Cap Stub End
	Delivery Condition		4	ublication of har ity for equivalen 2D must be obser		AT 8. OT	AIRO			Η	Z			2	z			TIA	Z			۸T	A	
	Material Specification		m	/23/EC is bound to the p e manufacturing reliabil code respectively the PF		Seamless UNS	SS1803			Seamless A234WP5,	WPIL, WP22, WP3,	TEAM			Welded A234 WPB			2 IOW OCKA Poplow	welded A420 WPLD		Welded	A403,304,304H/L,	304L,316,316H/L,	316Ti,321,904L
	Material Term. Material No.		2	The use of Materials According to DGR 97/23/EC is bound to the publication of harmonizes standard or to the qualification by European material approval or to the particular material apprasal with that the manufacturing reliability for equivalent material grades according to other standards(e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.		DW Fittings Dunlay Staal	BW FILLINGS DUDIEX SLEEL				bw Fittings Alloy Steel				BW FITTINGS CARDON STEEL				BW FILLINGS LI CO				BW FILLINGS STAINIESS STEEL	
	Cur.		1	The us particu require																				

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Material Specification

Material Term.

Cur.

Dimensions

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Rem arks		10	Ð		For	AST	Σ	Mat	erial	A	PMA	is	Requ	ired											
Technical Specification s Requirement	s Technical Regulations	6	roval or to the E) is proved. Th																	ess Assi	Now the		The second	1 A A	Page 3 of 6
Weight Max 1=t/ 2=kg	Result	8b	rial app DR, ASM																	10	and si	Tor	C	A	
9 1 7 N	⇒	8a	MENC	4.																_		-	7	1)
Dia. Ø mm	Up to	7b	ds(e.g. BS,	olumn 2 to	1219	1219	1219	1219	1219	1219	1219	1219	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	<u> </u>
Dia. 9	From	7a	ation by E r standarc	sted in co	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	
n)	Up to	6b	qualification other	rades li	60	60	50	60	60	60	50	60	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	
Thickness (mm)	From	6a	or to the c	naterial g	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	
Article type of		5	rmonizes standard nt material grades a	PED must be observed for the use of material grades listed in column 2 to 4.	Elbow	Reducers	Bends Tee	Cap Stub End	Elbow	Reducers	Bends Tee	Cap	Elbow	Tee Union	Coupling	Nipple Cap	Elbow	Tee Union	Coupling	Nipple Cap	Elbow	Tee Union	Coupling	Nipple Cap	
Delivery		4	ublication of ha ity for equivale	CD must be obse		AT & OT	AI&OI			!	z			Z	z			III	Z			۸T	Ŧ		
		З	7/23/EC is bound to the p te manufacturing reliabil	e code respectively the PI		COOLCO SINI POPONI	Weided UND 251805		Moldad	weiged	AZ34WP5,WP11,	TEAW, EAN, WEAT		A 10E	CUL A			A SEALES	A 330 LF2		11000 200 JC010	A182F,3U4,3U4H/L,	216T: 271 004L	31011, 321, 304L	-
Material No.		2	The use of Materials According to DGR 97/23/EC is bound to the publication of harmonizes standard or to the qualification by European material approval or to the particular material appraisal with that the manufacturing reliability for equivalent material grades according to other standards(e.g. BS, AFNOR, ASME) is proved. The	requirements and limits of the applicable code respectively the I		DW Eittinge Dunlow Stool	bw Fittings Duplex steel				BW Fittings Alloy Steel			SW Eittings Carbon Stool	ow Fittings carbon steel			CM/ Eittings TCS	SW FILLINGS ETCS			CW Eittinge Stainloce Staal	JW FILLINGS JUNITESS JUST		
		1	The use particul	require																					

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Rem arks			10	ə	For	AST	Σ	Mat	erial	A	PMA	IS.	Requ	ired											
Technical Specification	s Requirement	s Technical Regulations	6	roval or to the IE) is proved. Th																r.	Assured a		OP A		GLEA-EULA
Weight Max	1=t/ 2=kg	Result	8b	rial app OR, ASN																	Bullens	SPAO	A The	° A	NO T
3 -	- N	⇒	8a	matel AFNo																			1	T)
	Dia. Ø mm	Up to	7b	uropean ls(e.g. BS	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	610	610	610	610	610	610	610	610	610	610	610	610	~
Dimensions	Dia. 9	From	7a	tion by E standard	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	
Dime	less ()	Up to	6b	ualifica o other ades lis	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	60	60	60	60	60	60	60	60	60	60	60	60	
	Thickness (mm)	From	ба	or to the q cording to	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	9	9	9	9	9	9	9	9	9	9	9	9	
	Article type of		S	rmonizes standard o it material grades ac	Elbow	Tee Union	Coupling	Nipple Cap	Elbow	Tee Union	Coupling	Nipple Cap	Weld Neck	Slip on	Blind	Socket weld	Weld Neck	Slip on	Blind	Socket weld	Weld Neck	Slip on	Blind	Socket weld	
	Delivery		4	ublication of ha ity for equivaler D must he observe		TO 0 TA	AI&OI			TIN	Z			-	z			NT	2			۲v	Ŧ		
	Material Specification		3	/23/EC is bound to the p e manufacturing reliabili code respectively the PE		A182	F51,F53,F55,F60			A182	F5,F11,F22,F9,F91			A 1 0 F	CULA			A 350167			111100 200 20010	A182F, 304, 304H/L,	71/LIDIC(01C(1+))	31011,321, 904L	Ÿ.
	Material Term.		2	The use of Materials According to DGR 97/23/EC is bound to the publication of harmonizes standard or to the qualification by European material approval or to the particular material apprasal with that the manufacturing reliability for equivalent material grades according to other standards(e.g. BS, AFNOR, ASME) is proved. The particular material innits of the annitable code respectively the DFD must he observed for the use of material grades listed in column 2 to 4.			SW Fittings Duplex Steel			CWI Fitting Allow Ctool	SW FILLINGS Alloy Steel				Flange Carbon Steel			Elande I TCC					Fidinge Statifiess Steel		
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56a6b7a7b8a8b9armonizes standard or to the qualification by European material approval or to enved for the use of material grades according to other standards(e.g. BS, AFNOR, ASME) is proveenved for the use of material grades according to other standards(e.g. BS, AFNOR, ASME) is proveenved for the use of material grades listed in column 2 to 4.Weld Neck66021.3610Slip on66021.3610Blind66021.3610Socket weld66021.3610Weld Neck66021.3610Slip on66021.3610Blind66021.3610Socket weld66021.3610Blind66021.3610Neldolet2.248.5613.7114.3Sockolet2.248.5613.7114.3Flbolet2.248.5613.7114.3Threadolet2.248.5613.7114.3Mudolet2.248.5613.7114.3Flbolet2.248.5613.7114.3Flbolet2.248.5613.7114.3Threadolet2.248.5613.7114.3Flbolet2.248.5613.7114.3Flbolet2.248.5613.7114.3Flbolet2.248.5613.7114.3 <t< th=""></t<>
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Rem arks			10	he	For	AST	Σ	Mat	erial	A	PMA	.s	Requ	ired
Technical Specification	s Requirement	s Technical Regulations	σ	roval or to the (E) is proved. T								×		
Weight Max	1=t/ 2=kg	Res ult	8b	al app R, ASM										
Weigh	1=t/ 2=kg	⇒	8a	materi AFNO 4.										
	y mm	Up to	Ţb	uropean Is(e.g. BS, lumn 2 to	114.3	114.3	114.3	114.3		114.3	114.3	114.3	114.3	
Dimensions	Dia. Ø mm	From	Та	tion by E standard sted in co	13.7	13.7	13.7	13.7		13.7	13.7	13.7	13.7	
Dime	ness 1)	Up to	6b	ualifica o other rades lis	8.56	8.56	8.56	8.56		8.56	8.56	8.56	8.56	
	Thickness (mm)	From	ба	or to the q ccording t naterial gi	2.24	2.24	2.24	2.24		2.24	2.24	2.24	2.24	
	Article type of		5	iblication of harmonizes standard or to the qualification by European material approval or to the ty for equivalent material grades according to other standards(e.g. BS, AFNOR, ASME) is proved. T D must be observed for the use of material grades listed in column 2 to 4.	Weldolet	Sockolet	Elbolet	Threadolet		Weldolet	Sockolet	Elbolet	Threadolet	
	Delivery		4	ublication of ha ity for equivaler 2D must be obse		AT 0 OT	AI&CI				TIV	Z		
	Material Specification		m	/23/EC is bound to the p e manufacturing reliabil code respectively the PI		A182	F51,F53,F55,F60				A182	F5,F11,F22,F9,F91		
	Material Term.		2	The use of Materials According to DGR 97/23/EC is bound to the publication of harmonizes standard or to the qualification by European material approval or to the particular material apprasis with that the manufacturing reliability for equivalent material grades according to other standards(e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.		Direlar Ctaal	laats xaidnn				All 54.2.1	Alloy steel		
	Cur.		1	The use particu require										

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d = Dimensions in tech Regulations

b = Delivery Condition

QT = Quenched and Tempered NT = Normalized and Tempered S = Soft Annealed

N = Normalized or normalizing formed SR = Stress Relieved M = Thermo Mechanical Treated AR = Not Treated

Remarks

AT = Solution Treated

the (Europe)

Gulf Lloyds Bus

c = Article

a = Material

F = No. of tech Regulation

e = Weight