

EC Certificate of Quality System Approval

In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU and the Pressure Equipment (Safety) Regulations 2016, UK Statutory Instrument 2016 No. 1105

This is to certify that the Quality Management System of:

CHW Forge Pvt. Ltd.

**Unit 1: Near Hapur Road Flyover, Maliwara, Ghaziabad – 201001
Uttar Pradesh, India**

**Unit 2: Achheja, P.O. Dujana, G.T. Road, Greater Noida (Phase II) –
203207, Uttar Pradesh, India**

Has been assessed against the requirements of Annex I, paragraph 4.3 of the Pressure Equipment Directive 2014/68/EU, and Schedule 1, paragraph 4.3 of The Pressure Equipment (Safety) Regulations 2016 and conforms to the requirements for the products shown below:

Manufacture of Flanges and Forgings (Refer Schedule)

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and Regulations, and continuing to comply with the surveillance schedule. Products are as listed on the attached schedule.

Certificate No: 0038/PED/MUM/2010014/1

Original Approval: 26 August 2020

Current Certificate: 26 August 2020

Certificate Expiry: 25 August 2023

LRV Notified Body Number 0038



B. Viswanath on behalf of Lloyd's Register Verification

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**EC Certificate of Quality System Approval
Certificate 0038/PED/MUM/2010014/1 Schedule**

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PRODUCTS:

Material Specification	Grade	Type of Product and Size	Size & Thickness	Weight
ASME SA-105		Flange & Forging PT Rating: Upto PN 160 / Class 2500	DN 15 (1/2 NPS) to DN 1500 (60 NPS)	
ASTM A 105				
ASME SA-266	2 & 4			
ASTM A 266	2 & 4			
ASME SA-350	LF2 Class 1, LF2 Class 2, LF3 Class 1 & LF3 Class 2	Blind/ Tubesheet	Maximum 3000 mm OD 450 mm Thick	As specified in Material Specification
ASTM A 350	LF2 Class 1, LF2 Class 2, LF3 Class 1 & LF3 Class 2			
ASME SA-182	F1, F11 Class 1, F11 Class 2, F11 Class 3, F12 Class 1, F12 Class 2, F5, F5a, F6a Class 1, F6a Class 2, F6a Class 3, F6a Class 4, F9, F22 Class 1, F22 Class 3, F91 Type 1, F91 Type 2, F51, F304, F304L, F304H, F316, F316L, F316H, F321, F321H, F347, F347H, F310, F317, F317L, F22V			
ASTM A 182	F1, F11 Class 1, F11 Class 2, F11 Class 3, F12 Class 1, F12 Class 2, F5, F5a, F6a Class 1, F6a Class 2, F6a Class 3, F6a Class 4, F9, F22 Class 1, F22 Class 3, F91 Type 1, F91 Type 2, F51, F304, F304L, F304H, F316, F316L, F316H, F321, F321H, F347, F347H, F310, F317, F317L, F22V	Rings	Maximum 4350 mm OD 600 mm Thick	
ASTM A 694	F60, F65, F70			

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PRODUCTS: contd.....

Material Specification	Grade	Type of Product and Size	Size & Thickness	Weight
EN 10222-5	X5CrNi 18-10 (1.4301), X5CrNiMo 17-12-2 (1.4401), X2CrNiMo 17-12-2 (1.4404), X6CrNiTi 18-10 (1.4541), X2CrNi 18-9 (1.4307), X6CrNiMoTi 17-12-2 (1.4571)	Flanges PT Rating: Upto PN 160 / Class 2500	DN 15 (1/2 NPS) to DN 1500 (60 NPS)	Max. 5000 kg
EN 10222-4	P355 NH (1.0565) & P355 QH1 (1.0571)	Blind/ Tubesheet	Maximum 3000 mm OD Thickness as specified in Material Specification	Max. 10000 kg
EN 10222-5	X2CrNiMoN 22-5-3 (1.4462)	Rings	Maximum 4350 mm OD Thickness as specified in Material Specification	Max. 5000 kg
EN 10222-2	P280 GH (1.0426), P305GH (1.0436), 13CrMo4-5 (1.7335 & 18MnMoNi5-5 (1.6308)	Flanges and Forgings PT Rating: Upto PN 160 / Class 2500	DN 15 (1/2 NPS) to DN 1500(60 NPS) Thickness as specified in Material Specification	Max. 5000 kg
EN 10025-2	S355J2 (1.0577)			
EN 10273	P250GH (1.0460)			
EN 10250-2	S355J2G3 (1.0570)			

*Delivery Condition as per Material specification requirement.

Schedule Issue: 01

Date of Schedule Issue: 26 August 2020

Date of Expiry: 25 August 2023

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B.Viswanath on behalf of Lloyd's Register Verification
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