

CERTIFICATE

in accordance with the requirements of AD2000 W0

This is to certify that the Quality System of

Name of Manufacturer/Applicant: CHW Forge Pvt. Ltd.

Address: Unit 1: Near Hapur Road Flyover, Maliwara, Ghaziabad, Uttar Pradesh-201001, India
Unit 2: Achheja, P.O. Dujana, G.T. Road, Greater Noida (Phase II) Uttar Pradesh-203207, India

has been examined by LRQA Nederland B.V. and provided evidence of fulfilment of the requirements according to:

AD 2000-Merkblatt: W0

Type of Material: As per Annex I

Product description: Manufacturer of Flanges and Forgings

For details see Annex I.

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above-mentioned code.

Initial Approval: 10 August 2020 **Certificate expiry date:** 20 July 2026

Mumbai, 21 July 2023
Place and Date



Keval Nikam
Name, Signature and Stamp



ANNEX I

Products covered by this certificate:

No.	Product	Material Specification	Standard applied
1	Flanges PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500 (60 NPS) max. 5000 kg	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)	EN 10222-5
2	Blind / Tube sheet max. 3000 mm OD / max. 10000 kg Thickness as specified in matr. specification	P355 NH (1.0565) & P355 QH1 (1.0571)	EN 10222-4
3	Rings max. 4350 mm OD / max. 5000 kg Thickness as specified in matr. specification	X2CrNiMoN 22-5-3 (1.4462)	EN 10222-5
4	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Thickness as specified in matr. Specification max. 5000 kg	P280 GH (1.0426), P305GH (1.0436), 13CrMo4-5 (1.7335), 18MnMoNi5-5 (1.6308)	EN 10222-2
5	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Thickness as specified in matr. Specification max. 5000 kg	S355J2 (1.0577)	EN 10025-2
6	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Thickness as specified in matr. Specification max. 5000 kg	P250GH (1.0460)	EN 10273
7	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Thickness as specified in matr. Specification max. 5000 kg	S355J2G3 (1.0570)	EN 10250-2

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8	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Blind / Tube sheet max. 3000 mm OD / max. 450 mm thickness Rings max. 4350 mm OD / max. 600 mm thickness All Weight as specified in material specification	SA-105 , A 105	ASME SA-105 ASTM A 105
9	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Blind / Tube sheet max. 3000 mm OD / max. 450 mm thickness Rings max. 4350 mm OD / max. 600 mm thickness All Weight as specified in material specification	Grade 2 and 4	ASME SA-266 ASTM A 266
10	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Blind / Tube sheet max. 3000 mm OD / max. 450 mm thickness Rings max. 4350 mm OD / max. 600 mm thickness All Weight as specified in material specification	LF2 Class 1, LF2 Class 2, LF3 Class 1 & LF3 Class 2	ASME SA-350 ASTM A 350
11	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Blind / Tube sheet max. 3000 mm OD / max. 450 mm thickness Rings max. 4350 mm OD / max. 600 mm thickness All Weight as specified in material specification	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 Class3, 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	ASME SA-182 ASTM A 182
12	Flanges and Forgings PT Rating: up to PN 160 / Class 2500 DN 15 (1/2 NPS) to DN 1500(60 NPS) Blind / Tube sheet max. 3000 mm OD / max. 450 mm thickness Rings	F60, F65, F70	ASTM A 694

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	max. 4350 mm OD / max. 600 mm thickness All Weight as specified in material specification		
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Schedule Issue: 01
Date of Schedule Issue: 21 July 2023



Keval Nikam
Name, Signature

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