

Certificate

TN/PED-4-3/30345/25

Report No. / Manufacturer No. / Validity remark:

8123953353 / 30345 / 06.2025 - 06.2028

Quality Management System for Manufacturers of Material for Pressure Equipment

TÜV NORD Systems GmbH & Co. KG confirms that the manufacturer
Shanxi Hongkai Forging Co., Ltd.
Cuijiazhuang Industrial Area, Dingxiang County, Xinzhou City, Shanxi Province
P.R. China

has implemented and applies a quality management system in relation to materials in accordance with the requirements of the certification scheme TNS-W0_PED-4-3. This quality management system has undergone a specific assessment with regard to materials in accordance with Directive 2014/68/EU, Annex I, point 4.3 to ensure the conformity of the materials and inspection certificates.

The scope of the approval is shown on the following page.

Test basis: **EN 764-5, section 4.2**

Manufacturing site(s): **See Above**

Hamburg, 07.07.2025

TÜVNORD

Digitally signed by
Fechner Daniel Dr.



Certification Body

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31, 22525 Hamburg, Germany
tuev-nord.de | certifications@tuev-nord.de

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Scope of Approval

TN/PED-4-3/30345/25

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The QM system in relation to materials was assessed on the basis of:

Manufacturing Process	Product type	Material type	Dimensions
hot formed	forgings	non-alloyed	$t \leq 350\text{mm}; \text{Weight} \leq 1000\text{Kg}$
hot formed	forgings	alloyed	$t \leq 350\text{mm}; \text{Weight} \leq 1000\text{Kg}$

Certificate

TN/AD2000-W0/30345/25

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**Material Manufacturer
acc. to AD 2000-Merkblatt W 0**

TÜV NORD Systems GmbH & Co. KG confirms that the manufacturer

Shanxi Hongkai Forging Co., Ltd.**Cuijiazhuang Industrial Area, Dingxiang County, Xinzhou City, Shanxi Province
P.R.China**

has been inspected and recognised as a material manufacturer in accordance with the requirements of the certification scheme **TNS-AD2000-W0 acc. to AD 2000-Merkblatt W 0**.

For details, see the report and the scope of the assessment.

The manufacturer has the following requirements:

- facilities for proper manufacturing and testing,
- appropriate processes for the manufacture of the products,
- skilled personnel for the manufacture and testing of the products and
- a quality management system with corresponding records that ensures proper manufacture of the products and compliance with the requirements specified in the material specification.

Hamburg, 07.07.2025

TÜVNORDDigitally signed by
Fechner Daniel Dr.

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Scope of Approval

TN/AD2000-W0/30345/25

Report No. / Manufacturer No. / Validity remark: 8123953353/ 30345 / 06.2025- 06.2028

**to the Certificate as Material Manufacturer
acc. to AD 2000-Merkblatt W 0**

Shanxi Hongkai Forging Co., Ltd.

Cuijiazhuang Industrial Area, Dingxiang County, Xinzhou City, Shanxi Province, P.R. China

Revision status: 00

Hamburg, 07.07.2025

TÜVNORD

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No.	material designation / product form / specification	dimensions / (unit) weight / heat treatment / delivery condition (EN 10027)	AD 2000	remarks
1.	P250GH / steel flange / EN 10222-2	$t \leq 350.0$ [mm] / Weight ≤ 1000.0 kg / +N	W 9	
2.	P245GH, P280GH / steel flange / EN 10222-2	$t \leq 160.0$ [mm] / Weight ≤ 1000.0 kg / +N	W 9	
3.	P355QH / steel flange / EN 10222-4	$t \leq 350.0$ [mm] / Weight ≤ 1000.0 kg / +QT	W 9	
4.	P355NH, -NL1, -NL2 / steel flange / EN 10222-4	$t \leq 70.0$ [mm] / Weight ≤ 1000.0 kg / +N	W 9	
5.	S235JR / steel flange / EN 10250-2	$t \leq 350.0$ [mm] / Weight ≤ 1000.0 kg / +N	W 9	
6.	1.4301, 1.4307, 1.4401, 1.4404, 1.4541 / forging / EN 10222-5	$t \leq 250.0$ [mm] / Weight ≤ 5000.0 kg / +AT	W 2	
7.	P250GH/C22.8 / steel flange / EN 10222-2 & VdTUV WB350/3	$t \leq 130.0$ [mm] / Weight ≤ 1000.0 kg / +N	W 9	