

# 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 ≤ 350mm;Weight≤ 1000Kg
hot formed	forgings	alloyed	t ≤ 350mm;Weight≤ 1000Kg

**TÜV NORD Systems GmbH & Co. KG | Große Bahnstraße 31 | 22525 Hamburg | Germany**

EU-based, independent body for the certification of quality management systems of material manufacturers. TÜV NORD Systems GmbH & Co. KG has demonstrated its expertise in the assessment of material manufacturers as Notified Body 0045 as part of the recognition procedure.

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# Certificate

**TN/AD2000-W0/30345/25**

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

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

TÜV NORD Systems GmbH &amp; 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

**TÜVNORD**Digitally signed by  
Fechner Daniel Dr.

Certification Body

**TÜV NORD Systems GmbH & Co. KG**Große Bahnstraße 31, 22525 Hamburg, Germany  
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## Scope of Approval

**TN/AD2000-W0/30345/25**

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**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**

Digitally signed by  
Fechner Daniel Dr.



Certification Body

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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 ≤ 350.0 [mm] / Weight ≤ 1000.0 kg / +N	W 9	
2.	P245GH, P280GH / steel flange / EN 10222-2	t ≤ 160.0 [mm] / Weight ≤ 1000.0 kg / +N	W 9	
3.	P355QH / steel flange / EN 10222-4	t ≤ 350.0 [mm] / Weight ≤ 1000.0 kg / +QT	W 9	
4.	P355NH, -NL1, -NL2 / steel flange / EN 10222-4	t ≤ 70.0 [mm] / Weight ≤ 1000.0 kg / +N	W 9	
5.	S235JR / steel flange / EN 10250-2	t ≤ 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 ≤ 250.0 [mm] / Weight ≤ 5000.0 kg / +AT	W 2	
7.	P250GH/C22.8 / steel flange / EN 10222-2 & VdTUV WB350/3	t ≤ 130.0 [mm] / Weight ≤ 1000.0 kg / +N	W 9	