

# CERTIFICATE

**TÜV NORD Systems GmbH & Co. KG**

certifies that the company

**Precision Metals**

**Plot No. 253 (a/b/c/d/e/f/g), 254, 257, 258  
Atkargaon, Takai-Adoshi Road, Khopoli-410 203  
Tal. Khalapur, Dist. Raigad, Maharashtra, India**

has been verified and recognized as material manufacturer according to

**AD 2000-Merkblatt W0**

**Certificate-No.: 07/203/1409/WP/1417/22**

File No.: 812 042 3391

Production site: **As Above**

The scope of approval is available in the annex scope of approval.

The company fulfils the following essential requirements:

Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records, which ensures proper manufacture of the products, as well as compliance with the requirements specified in the material specification.

This certificate is valid until

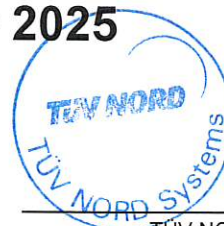
**January 2025**

Essen, 2022-01-07

Annex: scope of approval

Conventional Power Plants  
Am TÜV 1  
45307 Essen

Phone: 201-825-2722  
Fax: 201-825-2858  
E-Mail: DNiekamp@tuev-nord.de



**Hübinger**

TÜV NORD Systems GmbH & Co. KG,  
Große Bahnstraße 31, D-22525 Hamburg

# CERTIFICATE

Quality-Assurance System for material manufacturer  
according to Pressure Equipment Directive 2014/68/EU

Certificate no.: 07/202/1409/WZ/1417/22

**Name and address of the manufacturer:** Precision Metals  
Plot No. 253 (a/b/c/d/e/f/g), 254, 257, 258  
Atkargaon, Takai – Adoshi Road, Khopoli – 410 203  
Tal. Khalapur, Dist. Raigad, Maharashtra, India

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive 2014/68/EU: **QA-System in relation to materials, EN 764-5, section 4.2 and AD2000-Merkblatt W0**

Certification file no.: **812 042 3391**

Audit report file no.: **811 988 8686**

Scope of approval: **Manufacture and Supply of Stainless Steel Bars & Wire Rods**  
(product / material)

Production site: **Plot No. 253 (a/b/c/d/e/f/g), 254, 257, 258, Atkargaon, Takai – Adoshi Road, Khopoli-410 203, Tal. Khalapur, Dist. Raigad, Maharashtra, India**

**January 2025**

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Essen, 2022-01-07



Notified Body (0045)  
for Pressure Equipment

  
Hubinger

TUV NORD Systems GmbH & Co. KG,  
Große Bahnstraße 31, D-22525 Hamburg

Annex: Scope of Approval

Conventional Power Plants  
Am TÜV 1  
45307 Essen

Phone 201-825-2722  
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Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

Notifizierte Stelle 0045 / Notified Body 0045

Geltungsbereich der Überprüfung gemäß / Scope of Approval according to

Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 / Directive 2014/68/EU, Annex I, Point 4.3.

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Firma / Company: Precision Metals

Ort / Location: Atkargaon, Khopoli-410203, Dist. Raigad, Maharashtra, India

Hübinger

Zertifikat-Nr. / Certificate No.: 07/2021/1409MVZ1417/22

Zertifikat-Nr. / Certificate No.: 07/203/1409MVZ1417/22



Datum / Date: 24.11.2021

AZ / File No.: SIPW-260/22

SAF-NO 812 042 3391

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
1.1	1.4301	DIN EN 10272	+AT	Stainless Steel Bright Bars	2.0 to 160		Directive 2014/68/EU	Certified acc. to PED annex1, sec 4.3 by the Notified Body of TÜV NORD Systems (Reg. no. 0045)
1.2	1.4306	DIN EN 10272	+AT	Stainless Steel Hex & Square Bars	6.35 to 47		AD 2000 Merkblatt W2 AD 2000 Merkblatt W10	
1.3	1.4307	DIN EN 10272	+AT					
1.4	1.4401	DIN EN 10272	+AT					
1.5	1.4404	DIN EN 10272	+AT					
1.6	1.4541	DIN EN 10272	+AT					
1.7	1.4571	DIN EN 10272	+AT					
2.1	1.4462	DIN EN 10272	+AT	Stainless Steel Bright Bars	2.0 to 160		Directive 2014/68/EU	
3.1	1.4301	EN 10088-3	+AT	Stainless Steel Bright Bars	2.0 to 160			
3.2	1.4306	EN 10088-3	+AT	Stainless Steel Hex & Square Bars	6.35 to 47			
3.3	1.4307	EN 10088-3	+AT					
3.4	1.4401	EN 10088-3	+AT	Stainless Steel Wire Rod	20 to 39.5			
3.5	1.4404	EN 10088-3	+AT					
3.6	1.4541	EN 10088-3	+AT					
3.7	1.4571	EN 10088-3	+AT					
3.8	1.4006	EN 10088-3	+A, +QT 650					
3.9	1.4057	EN 10088-3	+A, +QT800, +QT900					
3.10	1.4462	EN 10088-3	+AT					
3.11	1.4021	EN 10088-3	+QT 700					

If use in area of pressure equipment directive  
a Particular Material Appraisal (PMA)  
is necessary.

\*+AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled (weitere Symbole / other symbols: EN 10027-1, Tab. 18)

# TÜV NORD Systems GmbH & Co. KG

Notifizierte Stelle 0045 / Notified Body 0045

Geltungsbereich der Überprüfung gemäß / Scope of Approval according to

Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 / Directive 2014/68/EU, Annex I, Point 4.3.

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Firma / Company: Precision Metals

Ort / Location: Atkargaon, Khopoli-410203, Dist. Raigad, Maharashtra, India

Zertifikat-Nr. / Certificate No.: 07/202/1409MWZ/1437122

Zertifikat-Nr. / Certificate No.: 07/203/1409MWPI/1417122

Datum / Date: 24.11.2021

AZ / File No.: ISIPW-260/22

SAP-No.: 812 042 3391



Hübinger

Systems

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
3.12	Type 304	ASTM A 276	+AT	Stainless Steel Bright Bars	2.0 to 160			If use in area of pressure equipment directive a Particular Material Appraisal (PMA) is necessary.
3.13	Type 304L	ASTM A 479	+AT	Stainless Steel Wire Rod	2.0 to 39.5			
3.14	Type 316	ASME SA 276	+AT	Stainless Steel Hex &	6.35 to 47			
3.15	Type 316L	ASME SA 479	+AT	Square Bars				
3.16	Type 316Ti		+AT					
3.17	Type 321		+AT					
3.18	UNS S31803		+AT					
3.19	Type 410	ASTM A 276	+A*, T*, H*					
3.20	Type 431	ASME SA 276	A*					
3.21	Type 410	ASTM A 479	A* 1,2,3					
3.22	Type 431	ASME SA 479	Annealed & Tempered					

\* +AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled (weitere Symbole / other symbols: EN 10027-1, Tab. 18)