

# 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/1417/19**

File No.: 811 715 3689 / ISEC-648/19.

Production site: **See 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 2022**

Essen, 2019-01-25

Annex: Scope of approval

Region: Essen  
Langemarckstr. 20  
45141 Essen

Tel. +49-(0) 201-825-2722  
Fax +49-(0) 201-825-2858  
e-mail [dniekamp@tuev-nord.de](mailto:dniekamp@tuev-nord.de)



**Niekamp**

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



# CERTIFICATE

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

**Certificate no.: 07/202/1409/WZ/1417/19**

**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.: **811 715 3689**

Audit report file no.: **811 653 7005 (TN India)**

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

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**

The certificate is valid until: **January 2022**

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

Essen, 25.01.2019

Notified Body (0045)  
for Pressure Equipment

  
**Niekamp**

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

Annex: scope of approval

Region: Essen  
Langemarckstr. 20  
45141 Essen, Germany

Phone. +49-(0) 201-825-2722  
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Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE



# TÜV NORD Systems GmbH & Co. KG

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045  
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,  
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0



Niekamp



Date : 25.01.2019  
 TÜV-File: ISEC-648/19  
 SAP: 811 715 3689

Annex to Certificate  
 DSR-Nr.: 07 202 1409 WZ 1417/19  
 AD 200C-W0-Nr.: 07 203 1409 WP 1417/19

Firm: PRECISION METALS  
 Place: Atkargaon, Khopoli - 410203, Dist Raigad, Maharashtra, India

Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Techn. Specification Requirements	Remarks
1	2	3	4	5	6	7	8	9
1.1	1.4301	DIN EN 10272	+AT	Stainless Steel Bright Bar	2.0 mm to 160 mm	}	Directive 2014/68/EU AD 2000 Merkblatt W2	Certified acc. to PED annex I, 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 Bar	6.35 to 47 mm			
1.3	1.4307	DIN EN 10272	+AT	Stainless Steel Bright Bar	2.0mm to 160 mm	}	Directive 2014/68/EU	If use in area of pressure equipment directive a Particular Material Appraisal ( PMA) is necessary.
1.4	1.4401	DIN EN 10272	+AT					
1.5	1.4404	DIN EN 10272	+AT	Stainless Steel Wire Rod	2.0mm to 39.5 mm	}	Directive 2014/68/EU	
1.6	1.4541	DIN EN 10272	+AT					
1.7	1.4571	DIN EN 10272	+AT	Stainless Steel Hex & Square Bar	6.35 to 47 mm	}	Directive 2014/68/EU	
2.1	1.4462	DIN EN 10272	+AT					
3.1	1.4301	EN 10088-3	+AT	Stainless Steel Bright Bar	2.0mm to 160 mm	}	Directive 2014/68/EU	
3.2	1.4306	EN 10088-3	+AT					
3.3	1.4307	EN 10088-3	+AT	Stainless Steel Wire Rod	2.0mm to 39.5 mm	}	Directive 2014/68/EU	
3.4	1.4401	EN 10088-3	+AT					
3.5	1.4404	EN 10088-3	+AT	Stainless Steel Hex & Square Bar	6.35 to 47 mm	}	Directive 2014/68/EU	
3.6	1.4541	EN 10088-3	+AT					
3.7	1.4571	EN 10088-3	+AT	Stainless Steel Hex & Square Bar	6.35 to 47 mm	}	Directive 2014/68/EU	
3.8	1.4006	EN 10088-3	+A,+QT650					
3.9	1.4057	EN 10088-3	+A,+QT800,+QT900	Stainless Steel Hex & Square Bar	6.35 to 47 mm	}	Directive 2014/68/EU	
3.10	1.4462	EN 10088-3	+AT					
3.11	1.4021	EN 10088-3	+QT700	Stainless Steel Hex & Square Bar	6.35 to 47 mm	}	Directive 2014/68/EU	

Explanation: +AT / AT = solution heat treated and detemred; N = Normalized or normalizing rolled / forming;  
 NT = normalized and tempered; +QT / V = quenched and tempered; M = thermo mechanical treated  
 AR = without annealing; SR = stress relieved; A = soft annealed; CR = controlled hot rolled  
 Hints for materials use acc. to Directive 2014/68/EU : The specific material operation conditions have to be approved by pressure equipment manufacturer and by the notified body in charge

# TÜV NORD Systems GmbH & Co. KG



Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045  
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,  
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0

Niekamp



Date : 25.01.2019  
 TÜV-File: ISEC-648/19  
 SAP: 811 715 3689

Annex to Certificate  
 DGRL-Nr.: 07 202 1409 WZ 1417/19  
 AD 2000-W0-Nr.: 07 203 1409 WP 1417/19

Firm: PRECISION METALS  
 Place: Atkargaon, Khopoli - 410203, Dist Raigad, Maharashtra, India

Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Techn. Specification Requirements	Remarks
1								
3.11	TYPE 304	3 ASTM A 276, ASTM A 479, ASME SA 276, ASME SA 479, ASTM A276 ASME SA 276, ASTM A479 ASME SA 479,	4 +AT +AT +AT +AT +AT +AT	5 Stainless Steel Bright Bar  Stainless Steel Wire Rod	6 2.0mm to 160 mm Diameter  2.0mm to 39.5 mm	7	8	9 If use in area of pressure equipment directive a Particular Material Appraisal ( PIMA) is necessary.
3.12	TYPE 304L							
3.13	TYPE 316							
3.14	TYPE 316L							
3.15	TYPE 316Ti							
3.16	TYPE 321							
3.17	S31803							
3.18	TYPE 410	A*, T*, H* A*	A*, T*, H* A*	A* 1,2,3 Annealed & Tempered				
3.19	TYPE 431							
3.20	TYPE 410	A* 1,2,3 Annealed & Tempered	A* 1,2,3 Annealed & Tempered					
3.21	TYPE 431							

Explanation: +AT / AT = solution heat treated and deformed; N = Normalized or normalizing rolled / forming;  
 NT = normalized and tempered; +QT / V = quenched and tempered; M = thermo mechanical treated  
 AR = without annealing; SR = stress relieved; A = soft annealed; CR = controlled hot rolled

# TÜV NORD Systems GmbH & Co. KG

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045  
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,  
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0



*Niekamp*  
 Niekamp



Date : 25.01.2019  
 TÜV-File: ISEC-648/19  
 SAP: 811 715 3689

Annex to Certificate  
 DGRl-Nr.: 07 202 1409 WZ 141719  
 AD 2000-W0-Nr.: 07 203 1409 WP 141719

Firm: PRECISION METALS  
 Place: Atkargaon, Khopoli - 410203, Dist Raigad, Maharashtra, India

Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim Ø [mm] Weight [kg.t]	Techn. Specification Requirements	Remarks
1	2	3	4	5	6	7	8	9
1.1.	1.4301	DIN EN 10272	+AT	Stainless Steel Bright Bar	2.0 mm to 160 mm	}	Directive 2014/68/EU AD 2000 Merkblatt W2	Certified acc. to PED annex I, 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 Bar	6.35 to 47 mm			
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 Bar	2.0mm to 160 mm			
3.1	1.4301	EN 10088-3	+AT	Stainless Steel Bright Bar	2.0mm to 160 mm			
3.2	1.4306	EN 10088-3	+AT					
3.3	1.4307	EN 10088-3	+AT	Stainless Steel Wire Rod	2.0mm to 39.5 mm			
3.4	1.4401	EN 10088-3	+AT					
3.5	1.4404	EN 10088-3	+AT					
3.6	1.4541	EN 10088-3	+AT	Stainless Steel Hex & Square Bar	6.35 to 47 mm			
3.7	1.4571	EN 10088-3	+AT					
3.8	1.4006	EN 10088-3	+A,+QT650					
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	+QT700					

Explanation: +AT / AT = solution heat treated and detemred; N = Normalized or normalizing rolled / forming;  
 NT = normalized and tempered; +QT / V = quenched and tempered; M = thermo mechanical treated  
 AR = without annealing; SR = stress relieved; A = soft annealed; CR = controlled hot rolled  
 Hints for materials use acc. to Directive 2014/68/EU : The specific material operation conditions have to be approved by pressure equipment manufacturer and by the notified body in charge

# TÜV NORD Systems GmbH & Co. KG

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045  
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU,  
 annex I, pt. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0



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Date : 25.01.2019  
 TÜV-File: ISEC-648/19  
 SAP: 811 715 3689

Annex to Certificate  
 DGRL-Nr.: 07 202 1409 WZ 1417/19  
 AD 2000-W0-Nr.: 07 203 1409 WP 1417/19

Firm: PRECISION METALS  
 Place: Afkargaon, Khopoli - 410203, Dist Raigad, Maharashtra, India

Item No.	Material Designation Material number	Material Specification	Delivery Condition	Article Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Techn. Specification Requirements	Remarks
1	2	3	4	5	6	7	8	9
3.11	TYPE 304	ASTM A 276,	+AT	Stainless Steel Bright Bar	2.0mm to 160 mm		}	if use in area of pressure equipment directive a Particular Material Appraisal ( PIMA) is necessary.
3.12	TYPE 304L	ASTM A 479,	+AT		Diameter			
3.13	TYPE 316	ASME SA 276,	+AT	Stainless Steel Wire Rod	2.0mm to 39.5 mm			
3.14	TYPE 316L	ASME SA 479,	+AT					
3.15	TYPE 316Ti		+AT					
3.16	TYPE 321		+AT					
3.17	S31803		+AT					
3.18	TYPE 410	ASTM A276	A*, T*, H*					
3.19	TYPE 431	ASME SA 276,	A*					
3.20	TYPE 410	ASTM A479	A* 1,2,3					
3.21	TYPE 431	ASME SA 479,	Annealed & Tempered					

Explanation: +AT / AT = solution heat treated and detempered; N = Normalized or normalizing rolled / forming;  
 NT = normalized and tempered; -QT / V = quenched and tempered; M = thermo mechanical treated  
 AR = without annealing; SR = stress relieved; A = soft annealed; CR = controlled hot rolled



**Contract for the inspection and certification of manufacturers / products  
acc. to PED, annex I, pt. 4.3, EU-Construction Products Regulation (CPR),  
"Landesbauordnung" (LBO), AD2000-Guideline W0/HP0,  
EN ISO 3834, EN 15085-2, VdTÜV-Guideline 1153  
and the use of the identification number of the Notified Body**

**The Company**                      Precision Metals  
  
Atkargaon, Takai – Adoshi Road, Khopoli - 410 203,  
Tal. Khalapur, Dist. Raigad, Maharashtra, (India)

(hereinafter referred to as the Client)

**and the**                              **Certification Body of TÜV NORD Systems GmbH & Co. KG**  
**Große Bahnstraße 31**  
**22525 Hamburg / Germany**

(hereinafter referred to as the Body) conclude the following contract

1. **This contract shall apply to the handling of conformity assessment procedures in accordance with the technical rules and EU Directives (applicable please mark with a cross)**
- |  |                                     |
|--|-------------------------------------|
| a. Directive 2014/68/EU, annex I, pt. 4.3      | <input checked="" type="checkbox"/> |
| b. Construction Product Regulation (CPR)       | <input type="checkbox"/>            |
| c. "German Regulation "Landesbauordnung" (LBO) | <input type="checkbox"/>            |
| d. Certification acc. to EN 15085-2            | <input type="checkbox"/>            |
| e. AD2000-Guideline HP 0 and / or EN ISO 3834  | <input type="checkbox"/>            |
| f. AD2000-Guideline W 0                        | <input checked="" type="checkbox"/> |
| g. VdTÜV-Guideline 1153 (welding consumables)  | <input type="checkbox"/>            |

and for surveillance und verification

By concluding this contract, the Client recognises that all services performed by the Body are bindingly subject to the respectively valid versions of the

- a) General terms and conditions of business of the TÜV NORD Group and
- b) the respective inspection and certification ordinance(s).

The above conditions also apply for any services performed at a later date in connection with the services of the Body which are based on this contract, regardless of whether or not reference is made to this contract in the individual case.

The current versions of the documents are available for download under TÜV NORD Group - General terms and conditions of business. Upon request, the documents will be provided in hard copy.

- 2. If procedures are used that then allow the Client to apply the CE marking, this contract shall entitle the Client to apply the identification number of the Notified Body in conjunction with the CE marking on his products (CE 0045). This shall be subject to the successful certification in accordance with the requirement within the scope of the Directive / Regulation.
- 3. This contract shall become effective after it has been signed by both parties.
- 4. The contract shall apply for a period of 3 years, starting from the month of validity specified on the certificate. It shall be extended by 3 years each from time to time, unless it is terminated in writing by one of

**Contract for the inspection and certification of manufacturers / products  
acc. to PED, annex I, pt. 4.3, EU-Construction Products Regulation (CPR),  
"Landesbauordnung" (LBO), AD2000-Guideline W0/HP0,  
EN ISO 3834, EN 15085-2, VdTÜV-Guideline 1153  
and the use of the identification number of the Notified Body**

the contracting parties six weeks before the expiry of the 3-year period. The right to (immediate) termination for good cause shall remain unaffected.

In so far as this contract has been concluded for several areas of certification in accordance with Nos. 1.a to g, but the contract should be terminated only with regard to individual certification areas in accordance with Nos. 1 a. to g., the remainder of the contract shall retain its validity.

5. Alterations and supplements to this contract shall require the written form to be effective. This shall also apply to alterations to this requirement for the written form.
6. If one or more of the provisions of this contract is ineffective, the contracting parties shall agree upon a legally effective replacement provision that comes as close as possible to the legal and economic intent of the ineffective provision. This shall also apply in the event of a gap.
7. The place of jurisdiction for all claims arising from this business relationship and relating to traders, legal persons under public law or separate assets under public law shall be the registered office of the Contractor. The Contractor shall however also be entitled to sue the Client at the general jurisdiction of the latter.
8. All business and legal relationships between the Client and the Body shall be subject exclusively to the law of the Federal Republic of Germany. The application of the United Nations Convention on Contracts for the International Sale of Goods (CISG) shall be excluded.

KHOPOLI

24.01.2019


Place Edm

Date 31.1.19

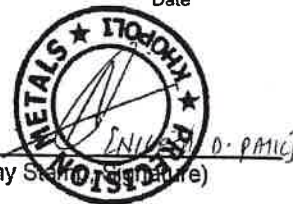
Place

Date

to 1 a) **Notified Body for Pressure Equipment  
of TÜV NORD Systems GmbH & Co. KG**

 Niekamp  
(Name, Signature)

(Company Stamp, Signature)



to 1 b) c) **Certification Body for Construction Products  
of TÜV NORD Systems GmbH & Co. KG**

\_\_\_\_\_  
(Name, Signature)

to 1 d) **Certification Body DIN EN 15085-2  
of TÜV NORD Systems GmbH & Co. KG**

\_\_\_\_\_  
(Name, Signature)

to 1 e) f) g) **AD2000-Merkblatt W0 / HP0  
of TÜV NORD Systems GmbH & Co. KG**

 Niekamp  
(Name, Signature)