

# CERTIFICATE

**Quality-assurance System  
for Material Manufacturer  
acc. to Pressure Equipment Directive 97/23/EC  
and AD 2000-Merkblatt W0**

Certificate no.: 07-202-9190 WZ-0887/11

**Name and address  
of manufacturer:**

**Železářny Veselí, a.s.  
divize Válcovny trub Chomutov  
CZ 430 01 Chomutov**

This is to certify that the manufacturer has implemented and applies a QA System. This QA System has been subjected to a specific assessment for material acc. to Directive 97/23/EC and acc. to AD 2000-Merkblatt W0, with regard to the materials mentioned within the scope of approval.

**Approved:**

**QA System acc. to Directive 97/23/EC Annex I, sec. 4.3  
and AD 2000-Merkblatt W0**

**Audit report no.:**

**9190P 0887/11**

**Scope of approval:**

**Seamless tubes**

Details of the scope are mentioned in the annex of the certificate.

**Production site:**

**Železářny Veselí, a.s.  
divize Válcovny trub Chomutov  
CZ 430 01 Chomutov**

The manufacturer disposes of the essential procedures and equipments as well as the required qualified personnel to ensure quality of manufacturing and testing the materials and products mentioned in the scope of approval.

**Prague, 31.05.2011**

Certification Body for Pressure Equipment  
of TÜV NORD Systems GmbH & Co. KG



**Prochaska**

Notified body, registration no. 0045

**Remark of validity:**

**Valid until May 2014**

TÜV NORD Systems GmbH & Co. KG Tel. +420 296 587 219  
Große Bahnstraße 31 Fax +420 296 587 240  
D-22525 Hamburg e-mail prochaska@tuev-nord.cz  
Germany

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 97/23/EC, annex I, sec. 4.3 and AD 2000-Merkblatt W0

## TÜV NORD

Systems

Firm : Železářny Veselí, a.s.

Place: divize Válcovny trub Chomutov  
430 01 Chomutov

Annex to the certificate

Date : 31.05.11

PED/AD 2000-W0 no : 07-202-9190-WZ-0887/11

File no : 9190-P-0887/11



Item No.	Name of material Material number	Specification	Condition of delivery	Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Regulations Requirements	Remarks
1	2	3	4	5	6	7	8	9
1	P195TR2 P235TR2 (St37.4) P265TR2 (St44.4), [Grade B/C] [Grade 6]	EN 10216-1 (DIN 1630) [ASTM/ASME A/SA 106] [ASTM/ASME A/SA 333]	+N +N +N +N	Seamless tubes	9 55	273 610	AD2000W4/05.08 APZ 3.1	Certifies acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD GmbH (Reg. no. 0045).(Reg. no. 0045).(Reg. no. 0045). In connection with the regulations within column 8 , the materials meet the general mechanical and technological requirements of PED. The specific operation conditions have to be given by the pressure equipment manufacturer. If necessary, the involved notified body has give his agreement.
2	P195GH P235GH (St35.8III) P265GH (St45.8III) 16Mo3 (15Mo3) 13CrMo4 5 (13CrMo4 4) [P12] 10CrMo9 10 (10CrMo9 10) 14MoV6 3 X10CrMoVNb9-1 [P91]	EN 10216-2 (DIN 17175) [ASTM/ASME A/ SA 335]	+N +N +N +NT +NT +NT +NT +NT/QT	Seamless tubes	9 55	273 610	AD2000W4/05.08 APZ 3.1 APZ 3.1 APZ 3.1 APZ 3.2 APZ 3.2 APZ 3.2 APZ 3.2 APZ 3.2 APZ 3.2 (without AD2000W4)	Additional Remarks:Additional Remarks: a) The manufacturer fulfilled the requirements acc. to TRD 100
3	P355N (WStE 355) P355NL1	EN 10216-3 (DIN 17179)	+N	Seamless tubes	9 55	273 610	APZ 3.1(without AD2000W4) APZ 3.1(without AD2000W4)	
4	P11 P22	[ASTM/ASME A/ SA 335]	+NT +NT	Seamless tubes	9 55	273 610	APZ 3.1 APZ 3.1	for PED PMA necessary for ASME Code application only for ASME Code application only
5	15128	ČSN 41 5128	+NT	Seamless tubes	9 55	273 610	without AD2000W4	for PED PMA necessary

Explanation: +AT/ AT = solution heat treated  
N = normalized  
NT = normalized and annealed

+QT / V = quenched and tempered  
U = without annealing  
A = soft annealed

M = thermomechanical treated  
S = stress relieved  
CR = controlled hot rolled