



# CERTIFICATE

TUV SUD BABT Unlimited

certifies that

**Tenaris Dalmine (Dalmine S.p.A.)  
Piazza Caduti 6 Luglio 1944, 1  
IT-24044 Dalmine (BG)**

has implemented, operates and maintains a

**Quality Assurance System in accordance with the  
Pressure Equipment (Safety) Regulation 2016/1105, Schedule 2, Part. 4,  
Para. 31 (8) as well as EN 764-5, Para. 4.2**

as a material manufacturer for the scope of

seamless steel tubes of unalloyed, low alloyed and high alloyed steels.

The scope of the approval is described in the annex to this certificate.  
Further details are mentioned in report no. C-722380941/1-25.

The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment (Safety) Regulation 2016/1105. Possible additional requirements - specific to applied technical specifications to meet PER 2016/1105, Schedule 2 - are not affected.

This certificate is valid through 2028-06-30.

**In order to adhere the validity an annual surveillance audit is required.**

Certificate No.: PER-0168-QS-M 3232243/2022/MUC-02  
Fareham, May 28<sup>th</sup>, 2025

TUV SUD BABT Unlimited

(M. Strobel)

**Certification Body**  
Materials and Permanent Joining

TUV SUD BABT Unlimited  
Octagon House, Concorde Way Segensworth North,  
Fareham, Hampshire, PO 15 5RL, United Kingdom

TUV®



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28.05.2025

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT

**Scope of the approval – Manufacturer of material in accordance with  
PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

Annex to certificate no.  
**PER-0168-QS-M 3232243/2022/MUC-02 von / dated 2025-05-28**

Name: Tenaris Dalmine (Dalmine S.p.A.)	Country: <b>IT</b>	Date: rev. 0 2025-05-28	Page 1 of 3	<b>Competent Body of TUV SUD BABT Unlimited</b>
Manufacturer: Street: Piazza Caduti 6 Luglio 1944, 1				
City: IT-24044 Dalmine (BG)				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Bericht Nr. / report no. C-722380941/1-25 vom / dated 2025-04-07
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t 2=kg ↓ value		Spec.	No.	
						from	to	from	to					8a
01	P195TR1 (1.0107), P195TR2(1.0108) P235TR1 (1.0254), P235TR2(1.0255) P265TR1 (1.0258), P265TR2(1.0259)	EN	10216-1	CR, N	seamless tubes	4,0	65	152	711	-	-			TR1-grades are not allowed to be used under PER without PMA.  *) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory.  <b>For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Approved Body in charge.</b>
02	P235GH (1.0345), P265GH (1.0425), 16Mo3 (1.5415), 13CrMo4-5 (1.7335) 10CrMo9-10 (1.7380), X20CrMoV11-1 (1.4922) 14Mov6-3 (1.7715)	EN DIN	10216-2 17175	CR, N, QT NT	seamless tubes	4,0	65	152	711	-	-			
03*)	L360NB (1.0582)	ISO EN	3183 10208-2	CR, N	seamless pipees	4,0	65	152	711	-	-			
04	12Ni14 (1.5637), P215NL (1.0451) P255QL (1.0452)	EN	10216-4	N, QT	seamless tubes	4,0	65	152	711	-	-			
05*)	27 CrMo 4	TÜVV	228	U, QT	tube blank	4,0	65	152	711	-	-			
06	15NiCuMoNb5-6-4 (1.6368)	EN TÜVV	10216-2 377/2	QT, NT	seamless tubes	4,0	65	152	711	-	-			
07*)	34 CrMo 4	TÜVV	431	U, QT	tube blank	4,0	65	152	711	-	-			
08*)	15 NiCuMoNb 5 S 1	TÜVV	459/2	QT, NT	seamless tubes	4,0	65	152	711	-	-			
09*)	X11CrMo5	TÜVV	007/2	QT, NT	seamless tubes	4,0	65	152	711	-	-			
10	X10CrMoVNb9-1 (1.4903)	EN TÜVV	10216-2 511/2	QT, NT	seamless tubes	4,0	65	152	711	-	-			
11	P355N (1.0562), P355NH (1.0565), P355NL1 (1.0566), P355NL2 (1.1106)	EN TÜVV	10216-3 354/2	N	seamless tubes	4,0	65	152	711	-	-			

**Explanation:** AT = solution annealed NT = normalized and tempererd N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed  
 QT = quenched and tempered CR = temperature controlled hot formed (controlled rolled) A = annealed AR = as rolled  
 a = material designation in column 10 b = condition in column 10 c = object in column 10  
 d = dimensions acc. to technical rules e = weight acc. to technical rules f = technical rules reference column 10

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PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

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		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t 2=kg	value	Spec.	No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
12	P460N (1.8905), P460NH (1.8935), P460NL1 (1.8915), P460NL2 (1.8918)	EN TÜVV	10216-3 357/2	N	seamless tubes	4,0	65	152	711	-	-			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory.  <b>For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Approved Body in charge.</b>
13	X10CrWMoVNb9-2 (1.4901)	EN TÜVV	10216-2 552/2	QT, NT	seamless tubes	4,0	40	152	711	-	-			
14*)	P 5, 9, 11, 12, 22, 36, 91, 92	ASME ASTM	SA-335 A335	QT, NT	seamless pipes	4,0	65	152	711	-	-			
15*)	Grade 6	ASME ASTM	SA-333 A333	QT, N	seamless pipes	4,0	65	152	711	-	-			
16*)	Grade B, C	ASME ASTM	SA-106 A106	CR, N, AR	seamless pipes	4,0	65	152	711	-	-			
17*)	THOR™ 115	TÜVV	580	QT, NT	seamless tubes	4,0	50	152	711	-	-			
18*)	Grade B	ASME ASTM	SA-53 A53	N	seamless pipes	4,0	65	152	711	-	-			
19	20MnNb6 (1.0471), 10CrMo5-5 (1.7338)	EN	10216-2	N, NT	seamless tubes	6,3	55	168,3	711	-	-			
20*)	B, BR, BN, BNS, BNO, BQ, BQS BQO, X42, X42R, X42N, X42NS, X42NO, X42Q, X42QS, X42QO, X52, X52N, X52NS, X52NO, X52Q, X52QS, X52QO, X56, X56Q, X56QS, X56QO, X60, X60Q, X60QS, X60QO, X65, X65Q, X65QS Q65QO, X70, X70Q, X70QS, Q70QO	API	5L	CR, N, QT, AR	seamless pipes	4,0	65	152	711	-	-			

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		Spec.	No.			Thickness [mm]	Diameter [mm]	1=t	2=kg	Spec.	No.	Remarks		
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
21*)	BNE, X42NE, X52NE, X52QE, X60QE, X65QE	EN ISO	3183 Annex A	N, QT	seamless pipes	4,0	65	152	711	-	-			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory.  <b>For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Approved Body in charge.</b>

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