



# CERTIFICATE

TUV SUD BABT Unlimited

certifies that



**MANNESMANN**  
**PRECISION TUBES**

A Member of the Salzgitter Group

**MANNESMANN Précision Tubes**  
**Avenue Jean Juif, ZI de Marolles, BP 80077**  
**51303 VITRY-LE-FRANCOIS – France**

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 tubes made of ferritic steels.

The scope of the approval is described in the annex to this certificate.  
Further details are mentioned in report no. C-727022201-24.

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 2027-05-16.

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

Certificate No.: PER-0168-QS-M 3409157/2024/MUC-01  
Fareham, 2024-06-11

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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11.06.2024

CERTIFICAT

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СЕРТИФИКАТ

認證證書

CERTIFICATE

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**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 3409157/2024/MUC-01 von / dated 2024-06-11**

Name: Mannesmann Précision Tubes	Country: <b>FR</b>	Date: rev. 0 2024-06-11	Page: 1 of 2	<b>Competent Body of TUV SUD BAPT Unlimited</b>
Manufacturer: Street: Avenue Jean Juif – ZI de Vitry-Marolles - BP 80077				
City: 51303 VITRY-LE-FRANCOIS				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-727022201-24 dated 2024-04-03
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t	value	Spec.	No.	Remarks
						from	to	from	to	↓				
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	P195GH (1.0348) P235GH (1.0345) P265GH (1.0425) 16Mo3 (1.5415) 13CrMo4-5 (1.7335) 10CrMo5-5 (1.7338) 10CrMo9-10 (1.7380) X11CrMo5 (1.7362)	EN	10216-2	N	Cold drawn Seamless Pipe / Tube sans soudure étiré à froid	0,5 0,5	16 20	4	178	-	-			<p>*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory.</p> <p><b>First next production must be submitted to 3.2 EN 10204 certification.</b></p> <p><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></p>
02	P275NL1 (1.0488) P275NL2 (1.1104) P355N (1.0562) P355NH (1.0565) P355NL1 (1.0566) P355NL2 (1.1106) P460N (1.8905) P460NH (1.8935) P460NL1 (1.8915)	EN	10216-3	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
03	P215NL (1.0451) P265NL (1.0453)	EN	10216-4	N	Cold drawn Seamless Pipe	0,5 0,5	10 20	4	178	-	-			
04	E355 (1.0580)	EN	10305-4	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
05*)	St37.0 (1.0254) St52.0 (1.0421)	DIN	1629	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
06*)	St37.4 (1.0255) St44.4 (1.0257)	DIN	1630	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
07*)	TT St35 N (1.0356) St35.8 (I u. III) (1.0305)	DIN	17173	N	Cold drawn Seamless Pipe / Tube sans soudure étiré à froid	0,5	20	4	178	-	-			

**Explanation:** AT = solution annealed NT = normalized and tempered 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

**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 3409157/2024/MUC-01 von / dated 2024-06-11**

Name: Mannesmann Précision Tubes	Country: FR	Date: rev. 0 2024-06-11	Page: 2 of 2	<b>Competent Body of TUV SUD B A B T Unlimited</b>
Manufacturer: Street: Avenue Jean Juif – ZI de Vitry-Marolles - BP 80077				
City: 51303 VITRY-LE-FRANCOIS				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-727022201-24 dated 2024-04-03
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t	value	Spec.	No.	
						from	to	from	to	↓				
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
08*)	St45.8 (I u. III) (1.0405) 15Mo3 (1.5415) 13CrMo44 (1.7335)	DIN	17175	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			*) 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>First next production must be submitted to 3.2 EN 10204 certification.</b>  <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>
09*)	TStE 355 (1.0566) TStE 460 (1.8915)	DIN	17179	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
10*)	34CrMo4 (1.7220) 30CrNiMo8 (1.6580) 42CrMo4 (1.7225)	EN	10083-3	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
11*)	A179	ASTM	A179	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
12*)	A192	ASTM	A192	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
13*)	Grade 1, 6	ASTM	A334	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
14*)	Grade A2, B2	ASTM	A556	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
15*)	Grade A1	ASTM	A210	N	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
16*)	Grade T2, T5, T11, T12, T22	ASTM	A213	NT	Cold drawn Seamless Pipe	0,5	20	4	178	-	-			
17*)	Tu37c Tu42c Tu42BT Tu15 3 Tu10CD5-05	NFA	49215	N	Cold drawn Seamless Pipe / Tube sans soudure étiré à froid	0,5	20	4	178	-	-	CODAP- MA6		

**Explanation:** AT = solution annealed NT = normalized and tempererd N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed  
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