



CERTIFICATE

TUV SUD BAPT Unlimited

certifies that

Rubiera Special Steel S.p.A.
Via XXV Aprile, 64
IT – 42013 San Donnino di Casalgrande (RE)

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

un-, low- and high-alloyed steel ingots.

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. C-722409413-26.

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 2029-07-03.

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

Certificate No.: PER-0168-QS-M 3308663/2023/MUC-02
Fareham, 2026-04-21

TUV SUD BAPT Unlimited

(M. Strobel)

Certification Body
Materials and Permanent Joining

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

TUV®



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21.04.2026

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СЕРТИФИКАТ

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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 3308663/2023/MUC-02 von / dated 2026-04-21

Name: Rubiera Special Steel S.p.A. Street: Via XXV Aprile, 64 City: 42013 S. Donnino di Casalgrande (RE)	Country: IT	Date: 2026-04-21	Page 2 of 6	Competent Body of TUV SUD BABT Unlimited
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No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722409401-26 dated 2026-04-14
		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
04	Fine grained steel for forgings StE285 (1.0486), WStE285 (1.0487) TStE285 (1.0488), StE355 (1.0562) WStE355/P355NH (1.0565), TStE355/P355NL1 (1.0566) StE420/S420N (1.8902), WStE420/P420NH (1.8932) TStE420/S420NL (1.8912), StE460 (1.8905), WStE460 (1.8935), TStE460 (1.8915) StE500 (1.8907), WStE500 (1.8937) TStE500 (1.8917) P285NH (1.0477), P235GH (1.0478) P420QH (1.8936), P460QH (1.8871) P285GH (1.0478), P355NL2 (1.1106), P355QH1 (1.0571) P355QL1 (1.8868), P355QL2 (1.8869), P460QL1 (1.8872) P460NL2 (1.8864), P460NL1 (1.8872), P460NL2 (1.8864)	EN TÜVV TÜVV TÜVV TÜVV DIN	10222-4 352/3*) 354/3*) 356/3*) 357/3*) 17103*)	U	Ingot	-	-	-	-	1	145			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory.
05	Heat resistant steel for flat materials 16Mo3 (1.5415), 10CrMo9-10 (1.7380), 13CrMo4-5 (1.7335), P295GH (1.0481), P265GH (1.0425), P235GH (1.0345)	EN DIN	10028-2 17155*)	U	Ingot	-	-	-	-	1	145			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.

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

**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 3308663/2023/MUC-02 von / dated 2026-04-21

Manufacturer:	Name: Rubiera Special Steel S.p.A.	Country: IT	Date:	Page	Competent Body of TUV SUD BABT Unlimited
	Street: Via XXV Aprile, 64		2026-04-21	3 of 6	
	City: 42013 S. Donnino di Casalgrande (RE)				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722409401-26 dated 2026-04-14
		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
06	Heat resistant steel for seamless tubes 15Mo3 (1.5415), 14MoV6-3 (1.7715), 10CrMo9-10 (1.7380), 13CrMo4-4 (1.7335) 11CrMo9-10 (1.7383), 16Mo3 (1.5415), 15NiCuMoNb5 (1.6368), 25CrMo4 (1.7218) 20CrMoV13-5-5 (1.7779), P235GH (1.0345), P265GH (1.0425), X10CrMoVNb9-1 (1.4903), X20CrMoV11-1 (1.4922)	EN DIN	10216-2 17175*)	U	Ingot	-	-	-	-	1	145			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. 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.
07	Heat resistance steels for connecting elements C35 (1.0501), CK35 (1.1181), Cq35 (1.1172), 24CrMo5 (1.7258), 21CrMoV5-7 (1.7709), X22CrMoV12-1 (1.4923)	EN DIN	10269 17240*)	U	Ingot	-	-	-	-	1	145			
08	23MnB4 (1.5535), 20Mn5 (1.1133), 25CrMo4 (1.7218), 42CrMo4 (1.7225) 40CrMoV4-6 (1.7711), 27NiCrMoV15-6 (1.6957), 26NiCrMo14-6 (1.6958), 21CrMoV5-7 (1.7709), 34CrNiMo6 (1.6582), 30CrNiMo8 (1.6580), X22CrMoV12-1 (1.4923), C35E (1.1181), C45E (1.1191)	EN	10269	U	Ingot	-	-	-	-	1	145			

Explanation: AT = solution annealed NT = normalized and tempererd N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed
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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 3308663/2023/MUC-02 von / dated 2026-04-21

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	Street: Via XXV Aprile, 64		2026-04-21	4 of 6	
	City: 42013 S. Donnino di Casalgrande (RE)				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722409401-26 dated 2026-04-14
		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
09	Heat resistance steels for forgings rolled or rolled bars P305GH (1.0436), 16Mo3 (1.5415) 13CrMo45 (1.7335), P235GH (1.0345) P250GH (1.0460), P265GH (1.0425), P280GH (1.0426), P295GH (1.0481), 18MnMoNi5-5 (1.6308) 14MoV6-3 (1.7715), 11CrMo9-10 (1.7383), P245GH (1.0352) X10CrMoVNb9-1 (1.4903) X20CrMoV11-1 (1.4922), C22.8 (1.0460), 20Mn5 (1.1133) 15Mo3 (1.5415), 13CrMo4-4 (1.7335) 10CrMo9-10 (1.7380), 14MoV6-3 (1.7715)	EN DIN	10222-2 17243*)	U	Ingot	-	-	-	-	1	145			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. 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.
10*)	C 22.8 (1.0460) for flange C 22.3 (1.0427) 15NiCuMoNb5 (1.6368) C 21 / A105 (1.0432) 12CrMo 9 10 (1.7375) 20MnMoNi 4 5 (1.6311) A350 LF2 12CrMo 19 5 (1.7362) X3CrNiMo 13 4 (1.4313) X10CrMoVNb 9 1 (1.4903) X10CrWMoVNb 9 2 (1.4901) X20CrMoV11-1 (1.4922)	TÜVV	350/3 364 377/3 399 404/3 440/3 488 007/3 395/3 511/3 552/3 110	U	Ingot	-	-	-	-	1	145			

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		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
11*)	X50CrMoV15 (1.4116) X45CrMoV15 (1.4116) X6Cr13 (1.4000) X14CrMoS17 (1.4104) X12Cr13 (1.4006) X10Cr13 (1.4006)	EN DIN DIN	10088-3 17440 17441	U	Ingot	-	-	-	-	1	145			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. 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.
12*)	X12Cr13 (1.4006)	EN	10088-2	U	Ingot	-	-	-	-	1	145			
13*)	41Cr4 (1.7035), 41CrS4 (1.7039) 25CrMo4 (1.7218), 34CrMo4 (1.7220) 42CrMo4 (1.7225), 50CrMo4 (1.7228) 34CrNiMo6 (1.6582) 30CrNiMo8 (1.6580) 36NiCrMo16 (1.6773) 39NiCrMo3 (1.6510) 51CrV4 (1.8159) 39MnCrB6-2 (1.7189)	EN	10083-3	U	Ingot	-	-	-	-	1	145			
14*)	C10E (1.1121), C10R (1.1207) C15E (1.1141), 16MnCr5 (1.7131) 20MnCr5 (1.7147), 18CrMo4 (1.7243) 17CrNi6-6 (1.5918), 20NiCRMo2-2 (1.6523) 17NiCrMo6-4 (1.6566) 18CrNiMo7-6 (1.6587) 14NiCrMo13-4 (1.6657)	EN	10084	U	Ingot	-	-	-	-	1	145			
15*)	X12Cr13 (1.4006), X15Cr13 (1.4024) X20Cr13 (1.4021), X30Cr13 (1.4028) X46Cr13 (1.4034), X6Cr13 (1.4000) X3CrNiMo13-4 (1.4313) X17CrNi16-2 (1.4057) X14CrMoS17 (1.4104)	EN	10088-3	U	Ingot	-	-	-	-	1	145			

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		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t 2=kg ↓ value	Spec.	No.	Remarks	
						6a	6b	7a	7b					8a
16*)	X5CrNiCUNb16 4 (1.4542)	EN	10088-1	U	Ingot	-	-	-	-	1	145			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. 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.
17*)	X38CrMoV 15 1 (1.2343) 40CrMnMoS8-6 (1.2312)	DIN	17350	U	Ingot	-	-	-	-	1	145			
18*)	St52.3 (1.0570)	DIN DIN	17100 1652-2	U	Ingot	-	-	-	-	1	145			
19*)	28CrMoNiV4-9 (1.6985) 23NiCrMo7-4-7 (1.6749) 27NiCrMoV11-6(1.6948) 27NiCrMoV15-6 (1.6957) 30CrMoNiV5 11 (1.6946)	SEW	555	U	Ingot	-	-	-	-	1	145			
20*)	24CrMo13-6 (1.8516) 31CrMo12 (1.8515) 31CrMoV9 (1.8519) 34CrAlNi7-10 (1.8550) 41CrAlMo7-10 (1.8509)	EN	10085	U	Ingot	-	-	-	-	1	145			
21*)	410 (UNS S41000)	ASTM	A473	U	Ingot	-	-	-	-	1	145			
22*)	F91 type 1, F91 Type 2, F92, F6NM	ASTM	A182	U	Ingot	-	-	-	-	1	145			
23*)	AISI 4135, AISI 4130, AISI 4140	ASTM	A29	U	Ingot	-	-	-	-	1	145			
24*)	L5, L3	ASTM	A707	U	Ingot	-	-	-	-	1	145			
25*)	F52, F60, F65, F70	ASTM ASME	A694 SA694	U	Ingot	-	-	-	-	1	145			
26*)	LF1, LF2, LF3, LF5 LF6 Cl.1, Cl.2, Cl3	ASTM ASME	A350 SA350	U	Ingot	-	-	-	-	1	145			

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