

# CERTIFICATE

### **TUV SUD BABT Unlimited**

certifies that

### **ATI Flat Rolled Products Holdings, LLC**

With production sites

1300 Pacific Avenue, Natrona Heights, PA 15065
100 River Road, Brackenridge, PA 15014
130 Lincoln Avenue, Vandergrift PA 15690
242 Allvac Lane, Latrobe, PA 15650
500 Green Street, Washington, PA 15301
2070 Pennsylvania Avenue, Monaca, PA 15061
1357 East Rodney French Boulevard, New Bedford MA 02744

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

Ingots and flat products made from stainless steels, nickel, titanium as well as special alloys.

The scope of the approval is described in the annexes 1-7 to this certificate. Further details are mentioned in report no. C-72181527UK-22.

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 2026-01-24.

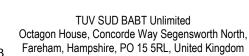
In order to adhere the validity an annual surveillance audit is required.

Certificate No.: PER-0168-QS-M 3242057/2022/MUC-01

Fareham, 2023-01-24

(Dirk Schroeter)

Certification Body
Materials and Permanent Joining







### Annex 1 to certificate no. PER-0168-QS-M 3242057/2022/MUC-01 von / dated 2023-01-24

Name: ATI Flat Rolled Products – Natrona Heights manufacturing plant

Street: 1300 Pacific Avenue

Manufacturer:

City: Natrona Heights, PA 15065

Country: Date: Page rev. 0 2023-01-24 1 of 1

Competent Body of TUV SUD BABT Unlimited

No.	Material Designation	Mat	terial	Delivery	Description		Dimer	nsions	s Weight		Require	ements		
	Material Grade	Speci	fication	Condition	Product			۱ ۵.		۱. ۱		Technic	al Rules	Report no. C72181527UK-22
							kness		meter	1=t				dated 2022-09-02
		_	1			[n	nm]	[n	nm]	2=kg				
		Spec.	No.	Code		from	to	from	to	$\downarrow$	value	Spec.	No.	Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	эрес. 9a	9b	10
01	Austenitic Steels (including S31254)	EN ASME	10028-7 SA240		Cold rolled strip / coil Hot rolled strip / coil		6.0 12.0			00	02			*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non
	(including 651254)	AOME	OAZ40		Hot rolled plate		75.0							designated standards a Particular Material Appraisal (PMA) is
02	1.4462 (X2CrNiMoN22-5-3)	EN	10028-7	b	Strip / coil	1.5	6.0							mandatory.
		VdTÜV	418		Sheet / plate	6.0	18.0							b) Delivery condition acc. material specification
03*)	AI-6XN® (N08367)	ASME	SB 688	b	Strip / coil	0.34								
					Sheet / plate		85.5							
04*)	2.4360 (Alloy 400 / N04400)	VdTÜV ASME	263 SB127	b	Strip / coil Sheet / plate		5.0 50.0							
	2.4816 (Alloy 600 / N06600)	VdTÜV	305	b	Strip / coil		5.0							
	2.4068 (Ni 201/ N02200)	ASME VdTÜV	SB168 345	b	Sheet / plate Strip / coil		30.0 5.0							
	2.4000 (NI 201/ NO2200)	ASME	SB162	D	Sheet / plate		50.0							
	2.4858 (Alloy 825 / N08825)	VdTÜV ASME	432/1 SB424	b	Strip / coil Sheet / plate		5.0 30.0							
	1.4876H (Alloy 800 / N08810)	VdTÜV	434	b	Strip / coil		5.0							
	- 40-0 (AU 00- (AU000-))	ASME	SB409		Sheet / plate		50.0							
	2.4856 (Alloy 625 / N06625)	VdTÜV ASME	499 SB443	b	Strip / coil Sheet / plate		5.0 30.0							
	2.4819 (Alloy 276 / N10276)	VdTÜV	400	b	Strip / coil		7.0							
	2.4602 (Alloy 22 / N06022)	ASME VdTÜV	SB575 479	b	Sheet / plate Strip / coil		50.0 6.0							
		ASME	SB575		Sheet / plate		50.0							
	2.4605 (Alloy 59 / N06059)	VdTÜV ASME	505 SB575	b	Strip / coil Sheet / plate		6.0 50.0							
05*)	0.7005 (T:4), 0.7005 (T:0), T:4.D.I	\	000/4		·									For the use of materials acc. to column 2 till
05*)	3.7025 (Ti1), 3.7035 (Ti2), Ti 1 Pd Ti 2 Pd, 3,7105 (TiN0.8Mo0.3)	VdTÜV ASME	230/1 SB265	b	Strip / coil Sheet / plate		5.0 100.0							4 the regulations and limits of the respective standards have to be observed.
	, , , , , , , , , , , , , , , , , , , ,	DIN	17860											The specific material operating conditions have to be approved by the pressure
06*)	201 (S20100)	ASME	SA240	b	coil	0.25	6.0							equipment manufacturer or respectively by
	201L (S20103, S20153)	ASTM	A240	b										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

 $\mathbf{a}$  = material designation in column 10  $\mathbf{b}$  = condition in column 10  $\mathbf{c}$  = 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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 Approved: 2022-02-21 W. Schock
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 File: TS-BABT-M-10\_Scope of approval
 Revision: V 2
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### Annex 2 to certificate no. PER-0168-QS-M 3242057/2022/MUC-01 von / dated 2023-01-24

Name: ATI Flat Rolled Products – Brackenridge manufacturing plant

Street: 100 River Road

Manufacturer:

City: Brackenridge, PA 15014

Country: Date: Page rev. 0

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**Competent Body of TUV SUD BABT Unlimited** 

No.	Material Designation	Mat	erial	Delivery	Description		Dimer	nsions		We	Weight Req		ements	
	Material Grade	Specif	ication	Condition	Product	Thio	kness	Dia	meter	1=t		Technica	al Rules	Report no. C72181527UK-22
														dated 2022-09-02
			l			լո	nm]	լո	nm]	2=kg		ı		
		Spec.	No.	Code		from	to	from	to	<b>↓</b>	value	Spec.	No.	Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	Austenitic Steels (including S31254)	EN ASME	10028-7 SA240		Cold rolled strip / coil Hot rolled strip / coil Hot rolled plate		6.0 12.0 75.0							*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is
02	1.4462 (X2CrNiMoN22-5-3)	EN VdTÜV	10028-7 418	b	Strip / coil Sheet / plate	1.5 6.0	6.0 18.0							mandatory.
03*)	AI-6XN® (N08367)	ASME	SB 688	b	Strip / coil Sheet / plate	0.34	5.0 85.5							b) Delivery condition acc. material specification
04*)	2.4360 (Alloy 400 / N04400)	VdTÜV ASME	263 SB127	b	Strip / coil Sheet / plate		5.0 50.0							
	2.4816 (Alloy 600 / N06600)	VdTÜV ASME	305 SB168	b	Strip / coil Sheet / plate		5.0 30.0							
	2.4068 (Ni 201/ N02200)	VdTÜV ASME	345 SB162	b	Strip / coil Sheet / plate		5.0 50.0							
	2.4858 (Alloy 825 / N08825)	VdTÜV ASME	432/1 SB424	b	Strip / coil Sheet / plate		5.0 30.0							
	1.4876H (Alloy 800 / N08810)	VdTÜV ASME	434 SB409	b	Strip / coil Sheet / plate		5.0 50.0							
	2.4856 (Alloy 625 / N06625)	VdTÜV ASME	499 SB443	b	Strip / coil Sheet / plate		5.0 30.0							
	2.4819 (Alloy 276 / N10276)	VdTÜV ASME	400 SB575	b	Strip / coil Sheet / plate		7.0 50.0							
	2.4602 (Alloy 22 / N06022)	VdTÜV ASME	479 SB575	b	Strip / coil Sheet / plate		6.0 50.0							
	2.4605 (Alloy 59 / N06059)	VdTÜV ASME	505 SB575	b	Strip / coil Sheet / plate		6.0 50.0							For the use of materials acc. to column 2 till
05*)	3.7025 (Ti1), 3.7035 (Ti2), Ti 1 Pd Ti 2 Pd, 3,7105 (TiN0.8Mo0.3)	VdTÜV ASME DIN	230/1 SB265 17860	b	Strip / coil Sheet / plate		5.0 100.0							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
06*)	201 (S20100) 201L (S20103, S20153)	ASME ASTM	SA240 A240	b b	coil	0.25	6.0							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

 $\mathbf{a}$  = material designation in column 10  $\mathbf{b}$  = condition in column 10  $\mathbf{c}$  = 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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### Annex 3 to certificate no. PER-0168-QS-M 3242057/2022/MUC-01 von / dated 2023-01-24

Name: ATI Flat Rolled Products – Latrobe manufacturing plant

Street: 242 Allvac Lane City: Latrobe, PA 15650

Manufacturer:

Page

Country:

Date:

Competent Body of TUV SUD BABT Unlimited

	5.i, 2.ii.5.i,													
No.	Material Designation	Mat	terial	Delivery	Description		Dime	nsions		W	eight	Require	ements	
	Material Grade	Specif	fication	Condition	Product	<b></b> .		۱ ۵.		١,,	I	Technic	al Rules	Report no. C72181527UK-22
						Inic	kness	Dia	meter	1=t				dated 2022-09-02
			î.			[r	nm]	[n	nm]	2=kg			•	
		Spec.	No.	Code		from	to	from	to	$\downarrow$	value	0		Remarks
	2	20	3b	4	5	6a	6b	7a	7b	8a	8b	Spec. 9a	No. 9b	10
1		3a			-	ьа		7a	/ D	8a	d8	9a	90	. •
01	Austenitic Steels (including S31254)	EN ASME	10028-7 SA240	D	Cold rolled strip / coil Hot rolled strip / coil Hot rolled plate		6.0 12.0 75.0							*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is
02	1.4462 (X2CrNiMoN22-5-3)	EN	10028-7	b	Strip / coil	1.5	6.0							mandatory.
		VdTÜV	418		Sheet / plate	6.0	18.0							
204)	AL 0\(\( \) \( \)		00.000	l.										b) Delivery condition acc. material specification
03*)	Al-6XN® (N08367)	ASME	SB 688	b	Strip / coil	0.34	5.0							
					Sheet / plate		85.5							
04*)	2.4360 (Alloy 400 / N04400)	VdTÜV	263	b	Strip / coil		5.0							
0.,	2. 1000 (7 110) 100 / 110 1 100)	ASME	SB127	2	Sheet / plate		50.0							
	2.4816 (Alloy 600 / N06600)	VdTÜV	305	b	Strip / coil		5.0							
	, , , , , , , , , , , , , , , , , , , ,	ASME	SB168		Sheet / plate		30.0							
	2.4068 (Ni 201/ N02200)	VdTÜV	345	b	Strip / coil		5.0							
		ASME	SB162		Sheet / plate		50.0							
	2.4858 (Alloy 825 / N08825)	VdTÜV	432/1	b	Strip / coil		5.0							
		ASME	SB424		Sheet / plate		30.0							
	1.4876H (Alloy 800 / N08810)	VdTÜV	434	b	Strip / coil		5.0							
	0.4050 (All	ASME	SB409	١.	Sheet / plate		50.0							
	2.4856 (Alloy 625 / N06625)	VdTÜV	499 SB443	b	Strip / coil		5.0 30.0							
	2.4819 (Alloy 276 / N10276)	ASME VdTÜV	400	b	Sheet / plate Strip / coil		7.0							
	2.4013 (Alloy 270 / N10270)	ASME	SB575	D	Sheet / plate		50.0							
	2.4602 (Alloy 22 / N06022)	VdTÜV	479	b	Strip / coil		6.0							
		ASME	SB575	_	Sheet / plate		50.0							
	2.4605 (Alloy 59 / N06059)	VdTÜV	505	b	Strip / coil		6.0							
	, , , , , , , , , , , , , , , , , , , ,	ASME	SB575		Sheet / plate		50.0							
														For the use of materials acc. to column 2 till
05*)	3.7025 (Ti1), 3.7035 (Ti2), Ti 1 Pd	VdTÜV	230/1	b	Strip / coil		5.0							4 the regulations and limits of the respective
	Ti 2 Pd, 3,7105 (TiN0.8Mo0.3)	ASME	SB265		Sheet / plate		100.0							standards have to be observed.
		DIN	17860											The specific material operating conditions
224)	004 (000400)		0.10.15	1.										have to be approved by the pressure
06*)	201 (S20100)	ASME	SA240	b	coil	0.25	6.0							equipment manufacturer or respectively by
	201L (S20103, S20153)	ASTM	A240	b										the Approved Body in charge.
<b></b>						i .	<u> </u>							

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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### Annex 4 to certificate no. PER-0168-QS-M 3242057/2022/MUC-01 von / dated 2023-01-24

Name: ATI Flat Rolled Products – Vandergrift manufacturing plant

Street: 130 Lincoln Avenue

City: Vandergrift, PA 15690

Country: Date: Page rev. 0
USA 2023-01-24 1 of 1

**Competent Body of TUV SUD BABT Unlimited** 

No.	Material Designation Material Grade		erial	Delivery Condition	Description Product	Thic	Dimensions Thickness Dia		Diameter 1=t		eight	Require Technic	ements al Rules	Report no. C72181527UK-22 dated 2022-09-02
			1			[n	nm]	[n	nm]	2=kg		į	Ī	
		Spec.	No.	Code		from	to	from	to	$\downarrow$	value	Spec.	No.	Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	Austenitic Steels (including S31254)	EN ASME	10028-7 SA240	b	Cold rolled strip / coil Hot rolled strip / coil		6.0 12.0							*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a
02	1.4462 (X2CrNiMoN22-5-3)	EN VdTÜV	10028-7 418	b	Strip / coil	1.5	6.0							Particular Material Appraisal (PMA) is mandatory.
03*)	Al-6XN <sup>®</sup> (N08367)	ASME	SB 688	b	Strip / coil	0.34	5.0							b) Delivery condition acc. material specification
04*)	2.4360 (Alloy 400 / N04400)	VdTÜV ASME	263 SB127	b	Strip / coil		5.0							
	2.4816 (Alloy 600 / N06600)	VdTÜV ASME	305 SB168	b	Strip / coil		5.0							
	2.4068 (Ni 201/ N02200)	VdTÜV ASME	345 SB162	b	Strip / coil		5.0							
	2.4858 (Alloy 825 / N08825)	VdTÜV ASME	432/1 SB424	b	Strip / coil		5.0							
	1.4876H (Alloy 800 / N08810)	VdTÜV ASME	434 SB409	b	Strip / coil		5.0							
	2.4856 (Alloy 625 / N06625)	VdTÜV ASME	499 SB443	b	Strip / coil		5.0							
	2.4819 (Alloy 276 / N10276)	VdTÜV ASME	400 SB575	b	Strip / coil		7.0							
	2.4602 (Alloy 22 / N06022)	VdTÜV ASME	479 SB575	b	Strip / coil		6.0							
	2.4605 (Alloy 59 / N06059)	VdTÜV ASME	505 SB575	b	Strip / coil		6.0							
05*)	3.7025 (Ti1), 3.7035 (Ti2), Ti 1 Pd Ti 2 Pd, 3,7105 (TiN0.8Mo0.3)	VdTÜV ASME DIN	230/1 SB265 17860	b	Strip / coil		5.0							For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed.
06*)	201 (S20100) 201L (S20103, S20153)	ASME ASTM	SA240 A240	b b	coil	0.25	6.0							The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Approved Body in charge.

**Explanation:** 

Manufacturer:

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

 $\mathbf{a}$  = material designation in column 10  $\mathbf{b}$  = condition in column 10  $\mathbf{c}$  = object in column 10

 $\mathbf{d}$  = dimensions acc. to technical rules  $\mathbf{e}$  = weight acc. to technical rules  $\mathbf{f}$  = technical rules reference column 10

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### Annex 5 to certificate no. PER-0168-QS-M 3242057/2022/MUC-01 von / dated 2023-01-24

Name: ATI Flat Rolled Products – Washington manufacturing plant

Street: 500 Green Street

City: Washington, PA 15301

Country: Date: Page rev. 0 2023-01-24 1 of 1

Competent Body of TUV SUD BABT Unlimited

No.	Material DesignationMaterialDeliveryDescriptionMaterial GradeSpecificationConditionProduct		•	Thio	Dimer kness		meter	Weight		Require Technic	ements al Rules	Report no. C72181527UK-22		
							nm]		nm]	2=kg				dated 2022-09-02
		Spec.	No.	Code		from	to	from	to	<b>↓</b>	value	Spec.	No.	Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	Austenitic Steels (including S31254)	EN ASME	10028-7 SA240	b	Hot rolled plate		75.0							*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a
02	1.4462 (X2CrNiMoN22-5-3)	EN VdTÜV	10028-7 418	b	Sheet / plate	6.0	18.0							Particular Material Appraisal (PMA) is mandatory.
03*)	Al-6XN <sup>®</sup> (N08367)	ASME	SB 688	b	Sheet / plate		85.5							b) Delivery condition acc. material specification
04*)	2.4360 (Alloy 400 / N04400)	VdTÜV ASME	263 SB127	b	Sheet / plate		50.0							
	2.4816 (Alloy 600 / N06600)	VdTÜV ASME	305 SB168	b	Sheet / plate		30.0							
	2.4068 (Ni 201/ N02200)	VdTÜV ASME	345 SB162	b	Sheet / plate		50.0							
	2.4858 (Alloy 825 / N08825)	VdTÜV ASME	432/1 SB424	b	Sheet / plate		30.0							
	1.4876H (Alloy 800 / N08810)	VdTÜV ASME	434 SB409	b	Sheet / plate		50.0							
	2.4856 (Alloy 625 / N06625)	VdTÜV ASME	499 SB443	b	Sheet / plate		30.0							
	2.4819 (Alloy 276 / N10276)	VdTÜV ASME	400 SB575	b	Sheet / plate		50.0							
	2.4602 (Alloy 22 / N06022)	VdTÜV ASME	479 SB575	b	Sheet / plate		50.0							
	2.4605 (Alloy 59 / N06059)	VdTÜV ASME	505 SB575	b	Sheet / plate		50.0							
05*)	3.7025 (Ti1), 3.7035 (Ti2), Ti 1 Pd Ti 2 Pd, 3,7105 (TiN0.8Mo0.3)	VdTÜV ASME DIN	230/1 SB265 17860	b	Sheet / plate		100.0							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:

Manufacturer:

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 = d technical rules reference column 10

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### Annex 6 to certificate no. PER-0168-QS-M 3242057/2022/MUC-01 von / dated 2023-01-24

ATI Flat Rolled Products – Monaca manufacturing plant Name:

2070 Pennsylvania Avenue

City: Monaca, PA 15061

Street:

Country: Date: Page rev. 0 **USA** 

2023-01-24

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**Competent Body of TUV SUD BABT Unlimited** 

No.	Material Designation		erial	Delivery Description			Dime	nsions		W	eight		ements	Report no. C72181527UK-22 dated 2022-09-02
	Material Grade	Specif	fication	Condition	Product	Thic	kness	Dia	meter	1=t		Technical Rules		
						[r	nm]	[n	nm]	2=kg				udiod 2022 00 02
		Spec.	No.	Code		from	to	from	to	<b>↓</b>	value	Spec.	No.	Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	Austenitic Steels (including S31254)	EN ASME	10028-7 SA240	b	Hot rolled plate		75.0							*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a
02	1.4462 (X2CrNiMoN22-5-3)	EN VdTÜV	10028-7 418	b	Sheet / plate	6.0	18.0							Particular Material Appraisal (PMA) is mandatory.
03*)	AI-6XN® (N08367)	ASME	SB 688	b	Sheet / plate		85.5							b) Delivery condition acc. material specification
04*)	2.4360 (Alloy 400 / N04400)	VdTÜV ASME	263 SB127	b	Sheet / plate		50.0							
	2.4816 (Alloy 600 / N06600)	VdTÜV ASME	305 SB168	b	Sheet / plate		30.0							
	2.4068 (Ni 201/ N02200)	VdTÜV ASME	345 SB162	b	Sheet / plate		50.0							
	2.4858 (Alloy 825 / N08825)	VdTÜV ASME	432/1 SB424	b	Sheet / plate		30.0							
	1.4876H (Alloy 800 / N08810)	VdTÜV ASME	434 SB409	b	Sheet / plate		50.0							
	2.4856 (Alloy 625 / N06625)	VdTÜV ASME	499 SB443	b	Sheet / plate		30.0							
	2.4819 (Alloy 276 / N10276)	VdTÜV ASME	400 SB575	b	Sheet / plate		50.0							
	2.4602 (Alloy 22 / N06022)	VdTÜV ASME	479 SB575	b	Sheet / plate		50.0							
	2.4605 (Alloy 59 / N06059)	VdTÜV ASME	505 SB575	b	Sheet / plate		50.0							
05*)	3.7025 (Ti1), 3.7035 (Ti2), Ti 1 Pd Ti 2 Pd, 3,7105 (TiN0.8Mo0.3)	VdTÜV ASME DIN	230/1 SB265 17860	b	Sheet / plate		100.0							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:

Manufacturer:

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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### Annex 7 to certificate no. PER-0168-QS-M 3242057/2022/MUC-01 von / dated 2023-01-24

Name: ATI Flat Rolled Products – New Bedford manufacturing plant

Street: 1357 East Rodney French Boulevard

City: New Bedford, MA 02744

Manufacturer:

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Date:

Country:

Page

Competent Body of TUV SUD BABT Unlimited

No.	Material Designation Material Delivery Description  Material Grade Specification Condition Product			Dime	nsions		We	eight	Require		Report no. C72181527UK-22			
	Material Grade	Specif	fication	Condition	Product		kness		meter	1=t		Technic	al Rules	dated 2022-09-02
		Spec.	No.	Code		[r from	nm]     to	from	nm] to	2=kg ↓	value	Spec.	No.	Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9а	9b	10
01	Austenitic Steels (including S31254)	EN ASME	10028-7 SA240	b	Cold rolled strip / coil Hot rolled strip / coil		6.0 12.0							*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a
02	1.4462 (X2CrNiMoN22-5-3)	EN VdTÜV	10028-7 418	b	Strip / coil	1.5	6.0							Particular Material Appraisal (PMA) is mandatory.
03*)	AI-6XN® (N08367)	ASME	SB 688	b	Strip / coil	0.34	5.0							b) Delivery condition acc. material specification
04*)	2.4360 (Alloy 400 / N04400)	VdTÜV ASME	263 SB127	b	Strip / coil		5.0							
	2.4816 (Alloy 600 / N06600)	VdTÜV ASME	305 SB168	b	Strip / coil		5.0							
	2.4068 (Ni 201/ N02200)	VdTÜV ASME	345 SB162	b	Strip / coil		5.0							
	2.4858 (Alloy 825 / N08825)	VdTÜV ASME	432/1 SB424	b	Strip / coil		5.0							
	1.4876H (Alloy 800 / N08810)	VdTÜV ASME	434 SB409	b	Strip / coil		5.0							
	2.4856 (Alloy 625 / N06625)	VdTÜV ASME	499 SB443	b	Strip / coil		5.0							
	2.4819 (Alloy 276 / N10276)	VdTÜV ASME	400 SB575	b	Strip / coil		7.0							
	2.4602 (Alloy 22 / N06022)	VdTÜV ASME	479 SB575	b	Strip / coil		6.0							
	2.4605 (Alloy 59 / N06059)	VdTÜV ASME	505 SB575	b	Strip / coil		6.0							
05*)	3.7025 (Ti1), 3.7035 (Ti2), Ti 1 Pd Ti 2 Pd, 3,7105 (TiN0.8Mo0.3)	VdTÜV ASME DIN	230/1 SB265 17860	b	Strip / coil		5.0							For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed.
06*)	201 (S20100) 201L (S20103, S20153)	ASME ASTM	SA240 A240	b b	coil	0.25	6.0							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

 $\mathbf{a}$  = material designation in column 10  $\mathbf{b}$  = condition in column 10  $\mathbf{c}$  = object in column 10

 $\mathbf{d}$  = dimensions acc. to technical rules  $\mathbf{e}$  = weight acc. to technical rules  $\mathbf{f}$  = technical rules reference column 10

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