

	Applicabile presso		NORSOK QUALIFICATION M 650 Ed. 04 ASTM A 479 / UNS S32760	52/A
	  Stab. di VI e/o BZ			

	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. N°.:  52/A
			Rev. N°.:  2
Manufacturer Name/address/ Web page:	Acciaierie Valbruna SpA Viale della scienza 25 36100 Vicenza Italy Phone +39 0444 968211		
Reference standard	Norsok M 650 Ed. 4		
Material designation and MDS n°:	ASTM A 479 UNS S32760 Norsok M-630 Rev.6 - MDS D 57 rev. 5		
Manufacturing summary doc n°:	52/A	Rev. N°.:  2	
Products and manufacturing process:	Forged bars from min. 130 mm up to 200 mm		
Mandatory conditions and sub-contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	Verification of heat treatment procedure done for furnaces M1A and M3B. Temperature Uniformity Survey regularly made		
Qualification expires:	QTR valid until 06/2023		

Tested and Qualified Thickness and Weight					
Product and manufacturing process:	Test record N°.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Forging bars	V257MWU	200	200		

Qualification/Acceptance signature		
Manufacturer	Prepared by/Date:  Alessandro Norberti 1/06/2018	Checked by/Date:  Roberto Bertelli 1/06/2018
The manufacture and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.		

Verify by third party (Company name/Signature/Date):   SURVEYOR DE FRANCESCHI DATE 1 GIU. 2018 	Qualified/Accepted by (Company name/Signature/Date):  Haus Martin 06.06.2018
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	Applicabile presso		NORSOK QUALIFICATION M 650 Ed. 04 ASTM A 479 / UNS S32760	53/A
	 Stab. di VI e/o BZ			

	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>	QTR. N°.: 53/A
		Rev. N°.: 2
Manufacturer Name/address/ Web page:	Acciaierie Valbruna SpA Viale della scienza 25 36100 Vicenza Italy Phone +39 0444 968211	
Reference standard	Norsok M 650 Ed. 4	
Material designation and MDS n°.: Norsok M-630 Rev.6 - MDS D 57 rev. 5	ASTM A 479 UNS S32760	
Manufacturing summary doc n°.: 53/A		Rev. N°.: 2
Products and manufacturing process:	Hot Rolled bars from min. 5.5 mm up to 170 mm	
Mandatory conditions and sub- contractors:	Heat treatment in furnace M1A and M3B which are identical.	
Other information:	Verification of heat treatment procedure done for furnaces M1A and M3B. Temperature Uniformity Survey regularly made	
Qualification expires:	QTR valid until 06/2023	

Tested and Qualified Thickness and Weight					
Product and manufacturing process:	Test record N°.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Hot Rolled bars	V257MWU	170	170		

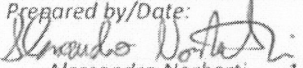
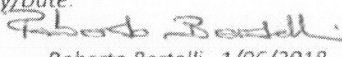
Qualification/Acceptance signature		
Manufacturer	Prepared by/Date:  Alessandro Norberti 1/06/2018	Checked by/Date:  Roberto Bertelli 1/06/2018
The manufacture and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.		


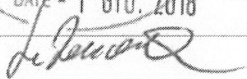

Verify by third party (Company name/Signature/Date):  BUREAU VERITAS ITALY WITNESSED NOTED REVIEWED SURVEYOR A. DE FRANCESCHI DATE 1 GIU. 2018 	Qualified/Accepted by (Company name/Signature/Date):  Hans Martin Jahn, 06.06.2018
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	Applicabile presso	 	NORSOK QUALIFICATION M 650 Ed. 04 ASTM A 479 / UNS S31254	54/A
	Stab. di VI e/o BZ			


	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. N°:
			54/A
Manufacturer Name/address/ Web page:	Acciaierie Valbruna SpA Viale della scienza 25 36100 Vicenza Italy Phone +39 0444 968211		
Reference standard	Norsok M 650 Ed. 4		
Material designation and MDS n°:	ASTM A 479 UNS S31254 Norsok M-630 Rev.6 - MDS R17 rev. 5		
Manufacturing summary doc n°:	54/A	Rev. N°:	2
Products and manufacturing process:	Hot Rolled bars from min. 5.5 mm up to 170 mm		
Mandatory conditions and sub-contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	Verification of heat treatment procedure done for furnaces M1A and M3B. Temperature Uniformity Survey regularly made		
Qualification expires:	QTR valid until 06/2023		

Tested and Qualified Thickness and Weight					
Product and manufacturing process:	Test record N°.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Hot Rolled bars	V2018MN	170	170		

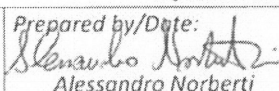

Qualification/Acceptance signature	
<b>Manufacturer</b> Prepared by/Date:  Alessandro Norberti 1/06/2018	Checked by/Date:  Roberto Bertelli 1/06/2018
The manufacture and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.	



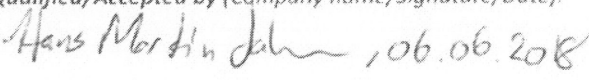
Verify by third party (Company name/Signature/Date):  BUREAU VERITAS ITALY WITNESSED NOTED REVIEWED SURVEYOR / A. DE FRANCESCHI DATE - 1 GIU. 2018 	Qualified/Accepted by (Company name/Signature/Date):  Hans Martin John, 06.06.2018
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	Applicabile presso	 	<b>NORSOK QUALIFICATION M 650 Ed. 04</b> <b>ASTM A 479 / UNS S31803</b>	<b>55/A</b>
	Stab. di VI e/o BZ			


	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. N°.:  55/A
			Rev. N°.:  1
Manufacturer Name/address/ Web page:	Acciaierie Valbruna SpA Viale della scienza 25 36100 Vicenza Italy Phone +39 0444 968211		
Reference standard	Norsok M 650 Ed. 4		
Material designation and MDS n°:	ASTM A 479 UNS S31803 Norsok M-630 Rev.6 - MDS D 47 rev. 5		
Manufacturing summary doc n°:	55/A	Rev. N°.:  1	
Products and manufacturing process:	Hot Rolled bars from min.5.5 mm up to 170 mm		
Mandatory conditions and sub-contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	Verification of heat treatment procedure done for furnaces M1A and M3B. Temperature Uniformity Survey regularly made		
Qualification expires:	QTR valid until 06/2023		

Tested and Qualified Thickness and Weight					
Product and manufacturing process:	Test record N°.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Hot Rolled bars	V225MN	170	170		

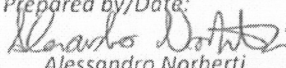
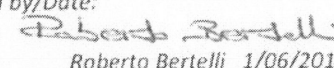
Qualification/Acceptance signature	
<b>Manufacturer</b> Prepared by/Date:  Alessandro Norberti 1/06/2018	Checked by/Date:  Roberto Bertelli 1/06/2018
The manufacture and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.	



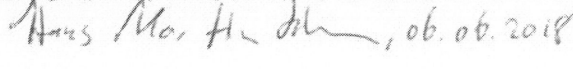
Verify by third party (Company name/Signature/Date):   SURVEYOR DE FRANCESCHI DATE 1 GIU 2018 	Qualified/Accepted by (Company name/Signature/Date):  Hans Martin Jahn, 06.06.2018
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	Applicabile presso		NORSOK QUALIFICATION M 650 Ed. 04 ASTM A 479 / UNS S31803	56/A
	 Stab. di VI e/o BZ			


	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. N°.: 56/A
			Rev. N°.: 1
Manufacturer Name/address/ Web page:	Acciaierie Valbruna SpA Viale della scienza 25 36100 Vicenza Italy Phone +39 0444 968211		
Reference standard	Norsok M 650 Ed. 4		
Material designation and MDS n°.: Norsok M-630 Rev.6 - MDS D 47 rev. 5	ASTM A 479 UNS S31803		
Manufacturing summary doc n°.: 56/A			Rev. N°.: 1
Products and manufacturing process:	Forged bars from min.130mm up to 250 mm		
Mandatory conditions and sub- contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	Verification of heat treatment procedure done for furnaces M1A and M3B. Temperature Uniformity Survey regularly made		
Qualification expires:	QTR valid until 06/2023		

Tested and Qualified Thickness and Weight					
Product and manufacturing process:	Test record N°.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Forged bars	V225MN	250	250		

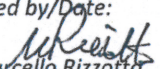
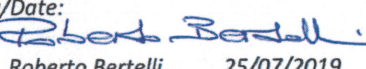
Qualification/Acceptance signature	
<b>Manufacturer</b> Prepared by/Date:  Alessandro Norberti 1/06/2018	Checked by/Date:  Roberto Bertelli 1/06/2018
The manufacture and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.	


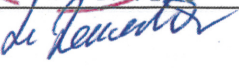
Verify by third party (Company name/Signature/Date):  1 GIU. 2018 	Qualified/Accepted by (Company name/Signature/Date):  06.06.2018
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	Applicabile presso	 	<b>NORSOK QUALIFICATION M 650 Ed. 04</b> <b>ASTM A 479 / UNS S32750</b>	<b>57/A</b>
	Stab. di VI e/o BZ			


	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. N°.:  57/A
			Rev. N°.:  0
Manufacturer Name/address/ Web page:	Acciaierie Valbruna SpA Viale della scienza 25 36100 Vicenza Italy Phone +39 0444 968211		
Reference standard	Norsok M 650 Ed. 4		
Material designation and MDS n°:	ASTM A 479 UNS S32750 Norsok M-630 Rev.6 - MDS D57 rev. 5		
Manufacturing summary doc n°:	57/A	Rev. N°.:  0	
Products and manufacturing process:	Hot Rolled Bars from min.5.5 mm up to 165 mm		
Mandatory conditions and sub-contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	Verification of heat treatment procedure done for furnaces M1A and M3B. Temperature Uniformity Survey regularly made		
Qualification expires:	QTR valid until 07/2024		

Tested and Qualified Thickness and Weight					
Product and manufacturing process:	Test record N°.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Hot Rolled bars	V257M	165	165		
As per manufacturing summary the samples for testing have been cut from the bars after heat treatment.					

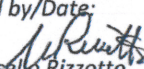
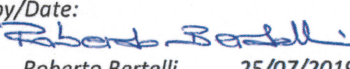
Qualification/Acceptance signature			
<b>Manufacturer</b>	Prepared by/Date:		Checked by/Date:
	 Marcello Rizzotto 25/07/2019		 Roberto Bertelli 25/07/2019
The manufacture and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.			


Verify by third party (Company name/Signature/Date):   	Qualified/Accepted by (Company name/Signature/Date):  <b>Hans Martin Jahren</b> Equinor ASA PO box 3 1330 FORNEBU NORWAY
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	Applicabile presso	 	<b>NORSOK QUALIFICATION M 650 Ed. 04</b> <b>ASTM A 479 / UNS S32750</b>	<b>58/A</b>
	Stab. di VI e/o BZ			

	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. N°.:  58/A
			Rev. N°.:  0
Manufacturer Name/address/ Web page:	Acciaierie Valbruna SpA Viale della scienza 25 36100 Vicenza Italy Phone +39 0444 968211		
Reference standard	Norsok M 650 Ed. 4		
Material designation and MDS n°.::	ASTM A 479 UNS S32750 Norsok M-630 Rev.6 - MDS D57 rev. 5		
Manufacturing summary doc n°.::	58/A	Rev. N°.:  0	
Products and manufacturing process:	<b>Forged Bars from min. 100 mm up to 200 mm</b>		
Mandatory conditions and sub-contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	Verification of heat treatment procedure done for furnaces M1A and M3B. Temperature Uniformity Survey regularly made		
Qualification expires:	QTR valid until 07/2024		

Tested and Qualified Thickness and Weight					
Product and manufacturing process:	Test record N°.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Forged bars	V257M	200	200		
As per manufacturing summary the samples for testing have been cut from the bars after heat treatment.					

Qualification/Acceptance signature		
Manufacturer	Prepared by/Date:  Marcello Rizzotto 25/07/2019	Checked by/Date:  Roberto Bertelli 25/07/2019
The manufacture and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.		

Verify by third party (Company name/Signature/Date):   	Qualified/Accepted by (Company name/Signature/Date):  <b>Hans Martin Jahren</b> Equinor ASA PO box 3 1330 FORNEBU NORWAY
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