



Vicenza 22/03/2013

Norsok M650 Ed. 4 qualification

ACCIAIERIE VALBRUNA S.p.A. is a *Norsok M650 Ed. 4* qualified manufacturer of duplex, super duplex and super austenitic hot rolled and forged bars within the following grades and size ranges:

- M-630 ed. 5 - MDS D47 rev. 4 – UNS S31803 / F51 (VALBRUNA denomination V225MN)
 - Hot rolled bars qualified dimen. from 5.5 to 170mm
 - Forged bars qualified dimen. from 130 to 300mm
- M-630 ed. 5 - MDS D57 rev. 4 – UNS S32750 / F53 (VALBRUNA denomination V257M)
 - Hot rolled bars qualified dimen. from 5.5 to 160mm
 - Forged bars qualified dimen. from 130 to 200mm)
- M-630 ed. 5 - MDS D57 rev. 4 – UNS S32760 / F55 (VALBRUNA denomination V257MWU)
 - Forged bars qualified dimen. from 130 to 200mm)
- M-630 ed. 5 - MDS R17 rev. 4 – UNS S31254 / F44 (VALBRUNA denomination V2018MN)
 - Hot rolled bars qualified dimen. from 5.5 to 150mm
 - Forged bars qualified dimen. from 130 to 320mm

The qualification has been performed by DNV and in collaboration with Statoil ASA represented by Mr. Øystein Strandmyr. Based on this, Statoil has confirmed that Valbruna is included in Statoil in-house M-650 list of approved suppliers.

Best regards,

M. Rizzotto

Attached: QTRs front pages

	Applicabile presso		NORSOK QUALIFICATION M 650 Ed. 4 ASTM A 479 UNS S31803	38/A
	 Stab. di VI e/o BZ			

	QTR Qualification Test Record NORSOK M-650		QTR. N°.: 38/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°.: Material designation and MDS n°.: Material designation and MDS n°.:	ASTM A 479 UNS S31803 Norsok M-630 Rev.5 - MDS D 47 rev. 4		
Manufacturing summary doc n°.: Manufacturing summary doc n°.: Manufacturing summary doc n°.:	38/A	Rev. N°.: 0	
Products and manufacturing process:	Hot rolling 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:	This QTR is re-qualified without new qualification testing. Verification of heat treatment procedure done in 2012 for furnace M1A		
Qualification expires:	QTR valid until 12/2017		

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	V225MN	170	170		

Qualification/Acceptance signature	
Manufacturer Prepared by/Date: 06/12/2012 Marcello Rizzotto 	Checked by/Date: 06/12/2012 Roberto Bertelli
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.	

Qualified / Accented by (company name/address):	Signature / Date:
	 Venice 2012/12/06

	Applicabile presso	NORSOK QUALIFICATION M 650 Ed. 4 ASTM A 479 UNS S31803	10/B
	Stab. di VI e/o BZ		

	QTR Qualification Test Record NORSOK M-650		QTR. N°.: 10/B
			Rev. N°.: 3
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.5 - MDS D 47 rev. 4			
Manufacturing summary doc n°.: 10/B			Rev. N°.: 3
Products and manufacturing process:	Forged bars from min. 130 mm up to 300 mm		
Mandatory conditions and sub-contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	This QTR is re-qualified without new qualification testing. Verification of heat treatment procedure done in 2012 for furnace M1A		
Qualification expires:	QTR valid until 09/2017		

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	V225MN	300	300		

Qualification/Acceptance signature		
Manufacturer	Prepared by/Date: Marcello Rizzotto 26.09.2012 <i>Marcello Rizzotto</i>	Checked by/Date: Roberto Bertelli 26.09.2012 <i>Roberto Bertelli</i>
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.		

Qualified / Accented by (company name/address):	Signature / Date:	<input type="checkbox"/> Witnessed <input checked="" type="checkbox"/> Reviewed And found to comply with STD Date: 20.10.14 Sig: <i>St...</i> Det Norske Veritas VENICE
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	Applicabile presso	NORSOK QUALIFICATION M 650 Ed. 04 ASTM A 479 UNS S32750	40
	Stab. di VI e/o BZ		

	QTR Qualification Test Record NORSOK M-650		QTR. N°.: 40
			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.5 - MDS D 57 rev. 4		
Manufacturing summary doc n°:	40	Rev. N°.:	0
Products and manufacturing process:	Hot rolling bars from min. 5.5 mm up to 160 mm		
Mandatory conditions and sub-contractors:	Heat treatment in furnace M1A and M3B which are identical.		
Other information:	This QTR is qualified without new qualification testing. Verification of heat treatment procedure done in 2013 for furnace M3B		
Qualification expires:	QTR valid until 03/2018		

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	160	160		

Qualification/Acceptance signature	
Manufacturer Prepared by/Date: Marcello Rizzotto 22/03/2013 	Checked by/Date: Roberto Bertelli 22/03/2013
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 third party. (company name/address):	Signature / Date:
 DNV Venice	2013/03/22

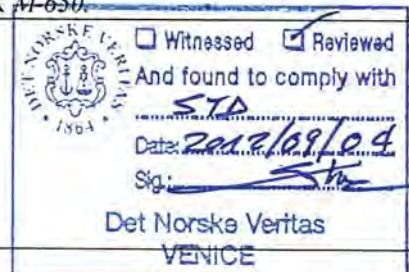
Qualified / Accented by (company name/address):	Signature / Date:
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	Applicabile presso		NORSOK QUALIFICATION M 650 Ed. 04 ASTM A 479 UNS S32750	35
	 Stab. di VI e/o BZ			

	QTR Qualification Test Record NORSOK M-650		QTR. N°.: 35
			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 S32750 Norsok M-630 Rev.5 - MDS D 57 rev. 4		
Manufacturing summary doc n°.::	35	Rev. N°.: 1	
Products and manufacturing process:	Forged bars from min. 130 mm up to 200 mm		
Qualification expires:	QTR valid until 09/2017		

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	V257M	200	200		

Qualification/Acceptance signature		
Manufacturer	Prepared by/Date: <i>Alessandro Norberti</i> 23.08.2012 <i>Alessandro Norberti</i>	Checked by/Date: <i>Roberto Bertelli</i> 23.08.2012 <i>Roberto Bertelli</i>
<p>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.</p> <p>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.</p>		



Qualified / Accented by (company name/address):	Signature / Date:
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	Applicabile presso	NORSOK QUALIFICATION M 650 Ed. 04 ASTM A 479 UNS S32760	15/B
	Stab. di VI e/o BZ		

	QTR Qualification Test Record NORSOK M-650		QTR. N°.: 15/B
			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°.: Manufacturing summary doc n°.: Products and manufacturing process:	ASTM A 479 UNS S32760 Norsok M-630 Rev.5 - MDS D 57 rev. 4 15/B Forged bars from min. 130 mm up to 200 mm		
Qualification expires:	QTR valid until 09/2014		

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: <i>Marcello Rizzotto</i> 23.08.2012 	Checked by/Date: <i>Roberto Bertelli</i> 23.08.2012
<p>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.</p> <p>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.</p>	

 <input type="checkbox"/> Witnessed <input checked="" type="checkbox"/> Reviewed And found to comply with STD Date: 20/08/04 Stg.: Det Norske Veritas VENICE
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Qualified / Accented by (company name/address):	Signature / Date:
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	Applicabile presso		NORSOK QUALIFICATION M 650 Ed. 4 ASTM A 479 UNS S31254	03/B
	 Stab. di VI e/o BZ			

	QTR Qualification Test Record NORSOK M-650		QTR. N°.: 30
			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°.: Manufacturing summary doc n°.: Products and manufacturing process:	ASTM A 479 UNS S31254 Norsok M-630 Rev.5 - MDS R 17 rev. 4 30 Rev. N°.: 2 Hot rolled bars from min. 5.5 mm up to 150 mm		
Qualification expires:	QTR valid until 09/2017		

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	150	150		

Qualification/Acceptance signature

Manufacturer	Prepared by/Date: Marcello Rizotto 24.08.2012 	Checked by/Date: Roberto Bertelli 24.08.2012
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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.

	<input type="checkbox"/> Witnessed <input checked="" type="checkbox"/> Reviewed
And found to comply with	
STP	
Date: 2012/09/04	
Sig:	
Det Norske Veritas VENICE	

Qualified / Accented by (company name/address):	Signature / Date:

	Applicabile presso		NORSOK QUALIFICATION M 650 Ed. 4 ASTM A 479 UNS S31254	05/B
	 Stab. di VI e/o BZ			

	QTR Qualification Test Record NORSOK M-650		QTR. N°.: 40
			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°.: Manufacturing summary doc n°.: Products and manufacturing process:	ASTM A 479 UNS S31254 Norsok M-630 Rev.5 - MDS R 17 rev. 4 40 Rev. N°.: 2 Forged bars from min. 130 mm up to 320 mm		
Qualification expires:	QTR valid until 09/2017		

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	V2018MN	320	320		

Qualification/Acceptance signature		
Manufacturer	Prepared by/Date: Marcello Rizzotto 24.08.2012 	Checked by/Date: Roberto Bertelli 24.08.2012
<p>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.</p> <p>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.</p>		

 <input type="checkbox"/> Witnessed <input checked="" type="checkbox"/> Reviewed And found to comply with STD Date: 2012/09/04 Sig: Det Norske Veritas VENICE
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Qualified / Accented by (company name/address):	Signature / Date: