
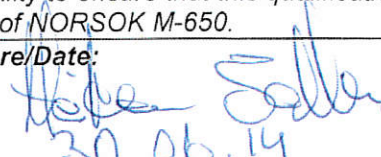


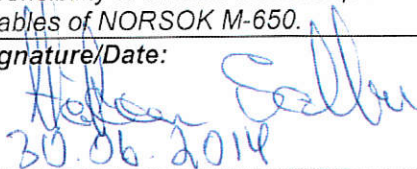
	<b>Qualification Test Record (QTR)</b> <b>NORSOK M-650</b>				QTR. No.: 006
					Rev. No.: 1
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria <a href="http://www.boehler-edelstahl.com">www.boehler-edelstahl.com</a>				
<b>Reference standard</b>	NORSOK M-650, Edition 4				
<b>Material designation and MDS No.:</b>	MDS D57, Revision 4, UNS S32750, BEG Brand "A913"				
<b>Manufacturing Summary doc. No.:</b>	A913 00001 A913 00002 A913 00003	Rev. No.: 001 001 001			
<b>Products and manufacturing process(es):</b>	Bars: Rolled and forged				
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Heat treatment in furnace 88 for rolled bars, furnace 41, 42, 43, 44 for forged bars				
<b>Other information:</b>	ASTM A276-10 ASTM A479-12 MDS D57 Rev. 4 Heat treatment temperature: 1060°C				
<b>Qualification expires:</b>	08/2018				
<b>Tested and qualified thickness and weight</b>					
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>
Rolled bar	394M, 395S	130	130	---	---
Forged bar	326S, 356M	203.2	200	---	---
<b>Qualification/acceptance signatures</b>					
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 19.02.2014	<b>Checked by/Date:</b> M. Haspel / 19.02.2014 BÖHLER EDELSTAHL GmbH & Co KG Technologie-Energy Mariazellerstraße 25 A-8605 Kapfenberg / Austria			
The manufacturer 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.					
<b>Qualified/Accepted by (company name /address):</b> 			<b>Signature/Date:</b>  30.06.14		



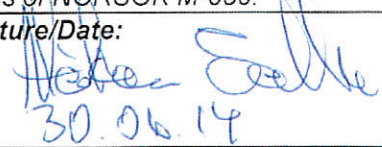
	<b>Qualification Test Record (QTR)</b> <b>NORSOK M-650</b>		QTR. No.: 007
			Rev. No.: 1
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com		
<b>Reference standard</b>	NORSOK M-650, Edition 4		
<b>Material designation and MDS No.:</b>	MDS R17, Revision 4, UNS S31254, BEG Brand "A965SA"		
<b>Manufacturing Summary doc. No.:</b>	A965SA 00004	Rev. No.: 001	
<b>Products and manufacturing process(es):</b>	Bars: forged		
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Heat Treatment in furnaces 41-44 for forged bars		
<b>Other information:</b>	ASTM A276-10 ASTM A479/A479M-12 MDS R17 Rev. 4 ESR material Heat treatment temperature: 1150°C		
<b>Qualification expires:</b>	08/2018		


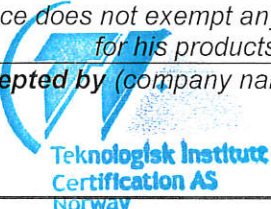
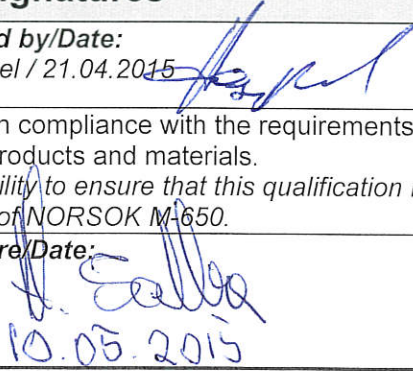
**Tested and qualified thickness and weight**



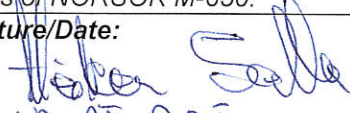
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight kg
Forged bar	441B, 441M	200	200	---	---
				---	---




**Qualification/acceptance signatures**



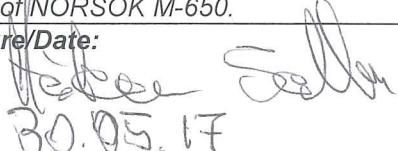
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 19.02.2014	<b>Checked by/Date:</b> M. Haspel / 19.02.2014 Böhler Edelstahl GmbH & Co KG Technologie - Energy
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the 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.		
<b>Qualified/Accepted by (company name /address):</b> 		<b>Signature/Date:</b>  30.06.2014


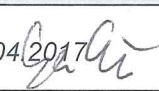
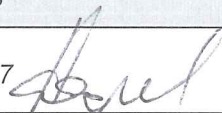

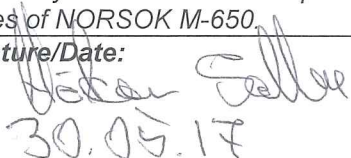
	<b>Qualification Test Record (QTR)</b> <b>NORSOK M-650</b>				QTR. No.: 008
					Rev. No.: 0
Manufacturer name/address/ Web page:	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	MDS R17, Revision 5, UNS S31254, BEG Brand "A965SA"				
Manufacturing Summary doc. No.:	A965SA 00005 A965SA 00006			Rev. No.: 000 Rev. No.: 000	
Products and manufacturing process(es):	Bars: rolled				
Mandatory conditions and sub-contractors:	Fabrication and testing plan acc. to qualification plan Furnace 60 for rolled bars				
Other information:	ASTM A276-13A ASTM A479/A479M-13B MDS R17 Rev. 5 ESR material Heat treatment temperature: 1150°C				
Qualification expires:	02/2019				
<b>Tested and qualified thickness and weight</b>					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight kg
Forged bar	174B, 175BMX	130	130	---	---
				---	---
<b>Qualification/acceptance signatures</b>					
Manufacturer:	Prepared by/Date: G. Einödhofer / 19.02.2014		Checked by/Date: M. Haspel / 19.02.2014 Böhler Edelstahl GmbH & Co KG Technologie - Energy Mariazellerstrasse 25		
The manufacturer 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/Accepted by (company name /address):  Teknologisk Institutt Certification AS Norway			Signature/Date:  30.06.14		

	<b>Qualification Test Record (QTR)</b>				QTR. No.: 009	
	<b>NORSOK M-650</b>				Rev. No.: 0	
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com					
<b>Reference standard</b>	NORSOK M-650, Edition 4					
<b>Material designation and MDS No.:</b>	MDS D57 Revision 5, UNS S32550, BEG Brand "A926"					
<b>Manufacturing Summary doc. No.:</b>	A926 00004				Rev. No.: 000	
<b>Products and manufacturing process(es):</b>	Bars: forged					
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Furnace 41, 42, 43, 44 for forged bars					
<b>Other information:</b>	ASTM A276-13A ASTM A479/A479M-14 MDS D57 Rev. 5 ESR material Heat treatment temperature: 1060°C					
<b>Qualification expires:</b>	04/2020					
<b>Tested and qualified thickness and weight</b>						
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>	
Forged bar	331B, 331M	203,2	200	1230	all	
				---	---	
<b>Qualification/acceptance signatures</b>						
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 21.04.2015		<b>Checked by/Date:</b> M. Haspel / 21.04.2015			
<p>The manufacturer 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><i>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.</i></p>						
<b>Qualified/Accepted by (company name /address):</b>			<b>Signature/Date:</b>			
			 10.05.2015			



	<b>Qualification Test Record (QTR)</b>				QTR. No.: 010	
	<b>NORSOK M-650</b>				Rev. No.: 0	
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com					
<b>Reference standard</b>	NORSOK M-650, Edition 4					
<b>Material designation and MDS No.:</b>	MDS D57 Revision 5, UNS S32550, BEG Brand "A926"					
<b>Manufacturing Summary doc. No.:</b>	A926 00001				Rev. No.: 001	
<b>Products and manufacturing process(es):</b>	Bars: forged					
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Heat Treatment Furnace 41, 42, 43, 44 for forged bars					
<b>Other information:</b>	ASTM A276/A276M-15 ASTM A479/A479M-14 MDS D57 Rev. 5 Heat treatment temperature: 1060°C					
<b>Qualification expires:</b>	04/2020					
<b>Tested and qualified thickness and weight</b>						
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>	
Forged bar	328S, 328M	177,8	177,8	895	all	
				---	---	
<b>Qualification/acceptance signatures</b>						
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 16.04.2015		<b>Checked by/Date:</b> M. Haspel / 16.04.2015			
<p>The manufacturer 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><i>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.</i></p>						
<b>Qualified/Accepted by (company name /address):</b>			<b>Signature/Date:</b>			
			 10.05.2015			

	<b>Qualification Test Record (QTR)</b> <b>NORSOK M-650</b>				QTR. No.: 011
					Rev. No.: 0
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
<b>Reference standard</b>	NORSOK M-650, Edition 4				
<b>Material designation and MDS No.:</b>	MDS D47, Revision 5, UNS S31803/S32205, BEG Brand "A903"				
<b>Manufacturing Summary doc. No.:</b>	A903 00001 A903 00002 A903 00003	Rev. No.: 001 001 001			
<b>Products and manufacturing process(es):</b>	Bars: Rolled and forged				
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Heat Treatment Furnace 88 for rolled bars Heat Treatment Furnace 41, 42, 43, 44 for forged bars				
<b>Other information:</b>	ASTM A479/A479M-16A Heat Treatment Temperature: 1060°C				
<b>Qualification expires:</b>	06/2022				
<b>Tested and qualified thickness and weight</b>					
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>
Rolled bar	387S, 378M	130	130	535	all
Forged bar	321S, 321M	203.2	203.2	1115	all
<b>Qualification/acceptance signatures</b>					
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 20.04.2017	<b>Checked by/Date:</b> M. Haspel / 20.04.2017			
The manufacturer 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.					
<b>Qualified/Accepted by (company name /address):</b>			<b>Signature/Date:</b>		
 			Hakan Salbu 30.05.17		

	<b>Qualification Test Record (QTR)</b> <b>NORSOK M-650</b>				QTR. No.: 012
					Rev. No.: 0
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
<b>Reference standard</b>	NORSOK M-650, Edition 4				
<b>Material designation and MDS No.:</b>	MDS D57, Revision 5, UNS S32760 BEG Brand "A911SA"				
<b>Manufacturing Summary doc. No.:</b>	A911SA 00007 A911SA 00008 A911SA 00009	Rev. No.:001 001 001			
<b>Products and manufacturing process(es):</b>	Bars: Rolled and forged				
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Heat Treatment Furnace 88 for rolled bars Heat Treatment Furnace 41, 42, 43, 44 for forged bars				
<b>Other information:</b>	ASTM A479/A479M-16A Heat Treatment Temperature: 1100°C				
<b>Qualification expires:</b>	06/2022				
<b>Tested and qualified thickness and weight</b>					
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>
Rolled bar	9S, 9M	130	130	500	all
Forged bar	420S, 420M	203.2	200	945	all
<b>Qualification/acceptance signatures</b>					
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 20.04.2017	<b>Checked by/Date:</b> M. Haspel / 20.04.2017			
The manufacturer 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.					
<b>Qualified/Accepted by (company name /address):</b>			<b>Signature/Date:</b>		
			 30.05.17		

	<b>Qualification Test Record (QTR) NORSOK M-650</b>				QTR. No.: 013
					Rev. No.: 0
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
<b>Reference standard</b>	NORSOK M-650, Edition 4				
<b>Material designation and MDS No.:</b>	MDS D57, Revision 5, UNS S32550, BEG Brand "A926"				
<b>Manufacturing Summary doc. No.:</b>	A926 00002 A926 00003			Rev. No.: 001 001	
<b>Products and manufacturing process(es):</b>	Bars: Rolled				
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Heat Treatment Furnace 88 for rolled bars				
<b>Other information:</b>	ASTM A479/A479M-16A Heat Treatment Temperature: 1060°C				
<b>Qualification expires:</b>	06/2022				
<b>Tested and qualified thickness and weight</b>					
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>
Rolled bar	389S, 389M	130	130	520	all
<b>Qualification/acceptance signatures</b>					
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 20.04.2017 		<b>Checked by/Date:</b> M. Haspel / 20.04.2017 		
The manufacturer 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.					
<b>Qualified/Accepted by (company name /address):</b>			<b>Signature/Date:</b>		
			 30.05.17		



	<b>Qualification Test Record (QTR)</b> <b>NORSOK M-650</b>				QTR. No.: 014
					Rev. No.: 0
<b>Manufacturer name/address/ Web page:</b>	Böhler Edelstahl GmbH Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
<b>Reference standard</b>	NORSOK M-650, Edition 4				
<b>Material designation and MDS No.:</b>	MDS R17, Revision 5, UNS S31254, BEG Brand "A965SA"				
<b>Manufacturing Summary doc. No.:</b>	A965SA 00002 A965SA 00003	Rev. No.: 001 001			
<b>Products and manufacturing process(es):</b>	Bars: Rolled				
<b>Mandatory conditions and sub-contractors:</b>	Fabrication and testing plan acc. to qualification plan Heat Treatment Furnace 60 for rolled bars				
<b>Other information:</b>	ASTM A479/A479M-16A Heat Treatment Temperature: 1150°C				
<b>Qualification expires:</b>	06/2022				
<b>Tested and qualified thickness and weight</b>					
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>
Rolled bar	363B, 363M	130	130	500	all
<b>Qualification/acceptance signatures</b>					
<b>Manufacturer:</b>	<b>Prepared by/Date:</b> G. Einoedhofer / 20.04.2017	<b>Checked by/Date:</b> M. Haspel / 20.04.2017			
The manufacturer 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.					
<b>Qualified/Accepted by (company name /address):</b>			<b>Signature/Date:</b>		
			M. Haspel 30.05.17		