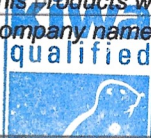
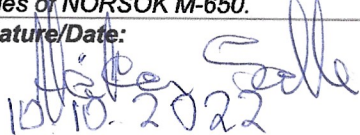


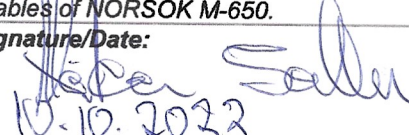


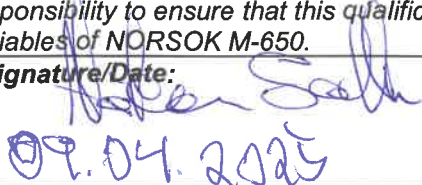


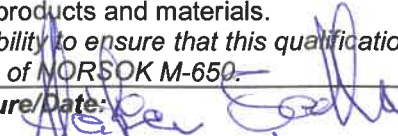


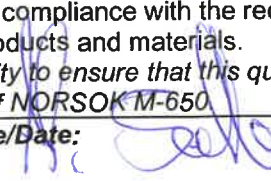


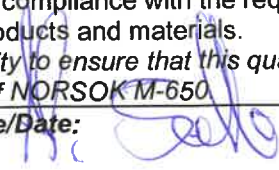
	Qualification Test Record (QTR) NORSOK M-650			QTR. No.: 023	
				Rev. No.: 1	
Manufacturer name/address/ Web page:	voestalpine Böhler Edelstahl GmbH & Co KG Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	MDS D47, Revision 6, UNS S31803/S32205, BEG Brand "A903"				
Manufacturing Summary doc. No.:	A903 00001				Rev. No.: 003
	A903 00002				003
	A903 00003				003
Products and manufacturing process(es):	Bars: Rolled and forged				
Mandatory conditions and sub-contractors:	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				
Other information:	ASTM A479/A479M-21 Heat Treatment Temperature: 1060°C				
Qualification expires:	06/2027				
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
Rolled bar	387S, 378M	130	130	535	all
Forged bar	321S, 321M	203.2	203.2	1115	all
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date: G. Einoedhofer / 29.09.2022		Checked by/Date: M. Haspel / 29.09.2022		
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):			Signature/Date:		
			 10/10.2022		

	Qualification Test Record (QTR) NORSOK M-650		QTR. No.: 024		
			Rev. No.: 1		
Manufacturer name/address/ Web page:	voestalpine Böhler Edelstahl GmbH & Co KG Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	MDS D57, Revision 6, UNS S32760 BEG Brand "A911SA"				
Manufacturing Summary doc. No.:	A911SA 00007 A911SA 00008 A911SA 00009			Rev. No.:003 003 003	
Products and manufacturing process(es):	Bars: Rolled and forged				
Mandatory conditions and sub-contractors:	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				
Other information:	ASTM A479/A479M-21 Heat Treatment Temperature: 1100°C				
Qualification expires:	06/2027				
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
Rolled bar	9S, 9M	130	130	500	all
Forged bar	420S, 420M	203.2	200	945	all
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date: G. Einoedhofer / 29.09.2022	Checked by/Date: M. Haspel / 29.09.2022 <small>voestalpine Böhler Edelstahl GmbH & Co KG Technologie Energy Mariazeller Straße 25 8605 Kapfenberg Austria</small>			
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):		Signature/Date:			
 NORSOK M-650		 10.10.2022			

	Qualification Test Record (QTR) NORSOK M-650				QTR. No.: 017
					Rev. No.: 1
Manufacturer name/address/ Web page:	voestalpine 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 D57 Revision 6, UNS S32550, BEG Brand "A926"				
Manufacturing Summary doc. No.:	A926 00001			Rev. No.: 002	
Products and manufacturing process(es):	Bars: forged				
Mandatory conditions and sub-contractors:	Fabrication and testing plan acc. to qualification plan Heat Treatment Furnace 41, 42, 43, 44 for forged bars				
Other information:	ASTM A479/A479M-24 MDS D57 Rev. 6 Testing acc. to ISO 17781 Heat treatment temperature: 1060°C				
Qualification expires:	04/2030				
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	328S, 328M	177,8	177,8	895	all
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Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date: G. Einoedhofer / 03.04.2025	Checked by/Date: E. Schwaighofer / 03.04.2025			
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):			Signature/Date:		
			 09.04.2025		

	Qualification Test Record (QTR) NORSOK M-650				QTR. No.: 019	
					Rev. No.: 1	
Manufacturer name/address/ Web page:	voestalpine Böhler Edelstahl GmbH & Co KG Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com					
Reference standard	NORSOK M-650, Edition 4					
Material designation and MDS No.:	Böhler N425 / UNS S41427 MDS vaBÖHLER N425 110ksi – Rev.001					
Manufacturing Summary doc. No.:	TMP N425 00001				Rev. No.: 001	
Products and manufacturing process(es):	Bars, forged					
Mandatory conditions and sub-contractors:	Fabrication and testing plan acc. to Böhler MDS. Heat treatment with heat sink, in a furnace qualified acc. to AMS 2750, no furnace qualification acc. to M650.					
Other information:						
Qualification expires:	06/2030					
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	307S, 307M, 307B	241,3 mm	101,6-254 mm	2040	all	
Qualification/acceptance signatures						
Manufacturer:	Prepared by/Date: Perko, 08.04.2025		Checked by/Date: Schwaighofer, 08.04.2025			
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):			Signature/Date:			
						
			09.04.2025			

	Qualification Test Record (QTR) NORSOK M-650		QTR. No.: 020		
			Rev. No.: 1		
Manufacturer name/address/ Web page:	voestalpine Böhler Edelstahl GmbH & Co KG Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	Böhler N425 / UNS S41427 MDS vaBÖHLER N425 95ksi – Rev.001				
Manufacturing Summary doc. No.:	TMP N425 00002			Rev. No.: 001	
Products and manufacturing process(es):	Bars, forged				
Mandatory conditions and sub-contractors:	Fabrication and testing plan acc. to Böhler MDS. Heat treatment with heat sink, in a furnace qualified acc. to AMS 2750, no furnace qualification acc. to M650.				
Other information:					
Qualification expires:	02/2031				
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	305S, 305M, 306B	241,3 mm	101,6-254 mm	2395	all
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date: Perko, 07.01.2026	Checked by/Date: Schwaighofer, 07.01.2026			
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):			Signature/Date:		
			 16.09.2026		

	Qualification Test Record (QTR) NORSOK M-650		QTR. No.: 020		
			Rev. No.: 1		
Manufacturer name/address/ Web page:	voestalpine Böhler Edelstahl GmbH & Co KG Mariazellerstrasse 25 8605 Kapfenberg, Austria www.boehler-edelstahl.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	Böhler N425 / UNS S41427 MDS vaBÖHLER N425 95ksi – Rev.001				
Manufacturing Summary doc. No.:	TMP N425 00002			Rev. No.: 001	
Products and manufacturing process(es):	Bars, forged				
Mandatory conditions and sub-contractors:	Fabrication and testing plan acc. to Böhler MDS. Heat treatment with heat sink, in a furnace qualified acc. to AMS 2750, no furnace qualification acc. to M650.				
Other information:					
Qualification expires:	02/2031				
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	305S, 305M, 306B	241,3 mm	101,6-254 mm	2395	all
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date: Perko, 07.01.2026	Checked by/Date: Schwaighofer, 07.01.2026			
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):			Signature/Date:		
			 16.09.2026		