	QTR Qualification Test Record NORSOK M-650	QTR. No.: U-01
		Rev. No.: 3

Manufacturer name/address/ Web page:	 <p>VSMPO-AVISMA Parkovaya St. 1 Verkhnyaya Salda Sverdlovsk region, Russia, 624760 www.vsm-po.ru</p> <p>Uniti Titanium One Thorn Run Center, Suite # 325 1187 Thorn Run Road Extension Moon Township, PA 15108 www.uniti-titanium.com</p> 
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Reference standard	ASTM B 348 / ASME SB 348 NORSOK M-650 Ed. 4
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Material designation and MDS No.:	Titanium Grade 2 tested, but QTR also covers Grade 1 M630 - MDS T01
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Manufacturing summary doc. No.:	MS-GrCP-01 MS-GrCP-02 MS-GrCP-03	Rev. No.:	1 1 1
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Products and manufacturing process(es):	Titanium Bar Product 8 - 14 5. & 15 - 65 mm by hot rolling (MS-GrCP-01) 66 - 115 mm by extrusion (MS-GrCP-02) 116 and over by forging (MS-GrCP-03)
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Mandatory conditions and sub-contractors:	All manufacturing processes in house at VSMPO-Avisma. Titanium sponge is supplied from Avisma. Furnaces # 7, # 8 and # 20163 were reviewed as part of the Norsok audit, however all other furnaces are also temperature uniformity surveyed as required and available for production.
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Other information:	VSMPO-Avisma, Salda, has been reviewed for renewal of NORSOK M-650 Ed. 4 qualification. On the basis of no changes to manufacturing summaries, review of facilities and the new reference list combined with statistical test results, we accept the manufacturer to be regarded as requalified for the next 5 years.
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Qualification Expires	November 2021
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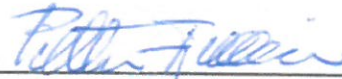
Tested and Qualified Thickness and Weight

Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Gr 2 Bars (MS-GrCP-01)	00843Y11	55 mm	8-65 mm	N/A	7000
Gr 2 Bars (MS-GrCP-02)	00585Y11	110 mm	66-115 mm	N/A	7000
Gr 2 Bars (MS-GrCP-03)	00797Y11 T302108	152.4 mm 350 mm	116-350 mm	N/A	7000

Qualification/Acceptance signatures

Manufacturer: Prepared by/Date: Oct. 13, 2016 Artem Rukomoykin Senior Quality Specialist VSMPO-Avisma	Checked by/Date: Mr. Michael O. Leder Director of Science and Technology VSMPO-Avisma
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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 (supplier name/address): Petter Fjellheim N-7058 Jakobsli, Trondheim +47 97189397	Signature/Date: 14.12.2016 
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Line Morsdalen 08.02.2017