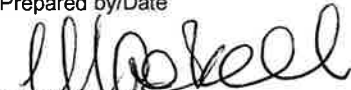
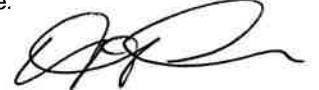
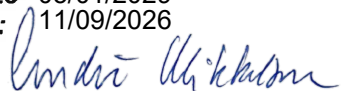


 STAINLESS & ALLOYS	Qualification Test Record NORSOK M-650 Edition 4		QTR. No. OSAL QTR-001		
			Rev. No.: 02		
Manufacturer name/address/ Web page:	Offshore Stainless & Alloys Ltd Tollpoint, Lichfield Road, Brownhills, Walsall WS8 6JZ www.offshorestainless.co.uk				
Reference standard	NORSOK M-650:2020 and ISO 17782:2018				
Material designation and MDS No.:	NORSOK M-630 MDS D57 Rev 6 with mechanical properties to MDS D59/D59L				
Manufacturing summary doc. No.:	OFS MS 02	Rev. No.: 2			
Products and manufacturing process(es):	UNS 32760 Strain hardened Bars for Fasteners to MDS D59 / D59L Rev 3				
Mandatory conditions and sub-contractors:	Raw Material Suppliers/Mills: - Voestalpine/BGH/Alleima (Alleima D59 only) Cold Drawn at OSAL, Tollpoint, Lichfield Road, Brownhills, Walsall WS8 6JZ. Testing performed by an ISO 17025 accredited laboratory.				
Other information:	Verification of cold drawing procedure carried out ref report nos. 31/12/2023 Rev1 for D59 and 31/12/2023 Rev 1 for D59L MDS D59 Rev 3 limits range to 2". Qualification testing has been made up to 3.5". Purchasing above 2" should be agreed with the end user. QTR Rev. 2: Name change and new ISO 9001 certificate.				
Tested and Qualified Thickness and Weight					
Products and manufacturing process(es):	Test record No.	Tested thickness (inch)	Qualified thickness (inch)	Test piece weight (kg)	Qualified weight (kg)
MDS 630 D59 Rev 3 Strain Hardened Bars,	23-13484; 23-13598 23-13702; 23-13703 23-13653; 23-13654 23-13655; 23-13656 23-13660; 23-13663 23-13698; 23-13699 23-13668; 23-13669 23-13700; 23-13701 23-14291; 23-13719 23-10772	0.448" 0.563" 1.040" 1.040" 1.415" 1.915" 1.915" 2.415" 3.415"	0.500" UNC To 3.500" UNC	N/A	N/A
MDS 630 D59L Strain Hardened Bars	23-13599; 23-13600 23-13706; 23-13712 23-13657; 23-13658	0.448" 0.563" 1.040"	0.500" UNC To 1.125" UNC	N/A	N/A
Qualification/acceptance signatures					
Manufacturer: Offshore Stainless & Alloys Ltd	Prepared by/Date:  Keith Maskell Commercial Manager 11/09/26		Checked by/Date:  Ian Fitzgerald General Manager 11/09/26		
Remarks/Special remarks: 1. 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. 2. 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):  AkerSolutions Fornebu, Norway NO 929 877 950 VAT			Expiry date 05/01/2029 Signature:  11/09/2026		