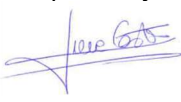



ACERALAVA TUBÁCEX <small>GROUP</small>		QTR Qualification Test Record NORSOK M-650 EDITION 4				QTR. No.: 1	
						Rev. No.:11	
Manufacturer name/address/ Web page:		ACERIA DE ALAVA, S.A.U. (ACERALAVA) Tres Cruces, 8 01400 Llodio (Alava) Spain www.tubacex.com			PLANT: Polígono de Saracho s/n 01470 Amurrio (Alava) Spain		
Reference standard		NORSOK M-650 EDITION 4 ASTM A479, A276, A182					
Material designation and MDS No.:		BARS UNS S 31803 / UNS S 32205 NORSOK M-630 edition 7: MDS D47-rev. 6					
Manufacturing summary doc. No.:		1. MS 31803 HR 2. MS 31803 HFR 3. MS 31803 HF			Rev. No.: 6 Rev. No.: 6 Rev. No.:3		
Products and manufacturing process(es):		1. HOT ROLLED BARS 2. HOT ROLLED& FORGED 3. FORGED BARS					
Mandatory conditions and sub-contractors:		Heat treatment carried out in Guinea Furnace for solution annealing (HRC-G-E-6X100) in Acerálava.Heat treatment of UNS S31803 bar according to heat treatment procedure 04.02- C000.00TT-P.001-EN.					
Other information:		This new QTR no. 1 Rev 10., is made with the aim of suiting its content to the new Norsök, M630 Ed.7 requirements (following ISO 17781 Ed 2017). Qualification testing 636375 FORGED bars, ZID403-40 ROLLED bars and ZID403-60 ROLLED & FORGED bars, meets requirements of MDS D47 rev.6. Heat treatment witnessed by SFF (report VHTA-01) and Lloyd´s Register (VHTA-02). TTI-ACERALAVA do have in house testing facilities to cover all the testing required by 22Cr and 25Cr reference standards. Laboratory is ISO 17025:2017 accredited for tensile, impact, flattening, hardness and G48 testing. Also, AZTERLAN laboratory is employed as external accredited laboratory.					
Expiry date		28.05.2026					
Tested and Qualified Thickness and Weight							
Products and manufacturing process(es):		Test record No.	Test date	Tested Thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
1		ZID403-40	10/04/2022	280	280	NA	NA
2		ZID403-60	11/11/2022	250	250	NA	NA
3		636375	06/11/2015	330	330	NA	NA
Qualification/Acceptance signatures							
Manufacturer:		Prepared by/Date:			Checked by/Date:		
		 Irene Castro January 2025			 Aitor González January 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): TSS NORWAY TUBÁCEX <small>GROUP</small>				Signature/Date: 16.01.2025			