




<b>ACERALAVA</b>  <b>TUBACEX</b> <small>GROUP</small>	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650 EDITION 4</b>					QTR. No.: 2
						Rev. No.:6
<i>Manufacturer name/address/ Web page:</i>	ACERIA DE ALAVA, S.A.U. (ACERALAVA) Tres Cruces, 8 01400 Llodio (Alava) Spain <a href="http://www.tubacex.com">www.tubacex.com</a>			<i>PLANT:</i> Polígono de Saracho s/n 01470 Amurrio (Alava) Spain		
<i>Reference standard</i>	NORSOK M-650 EDITION 4 ASTM A479					
<i>Material designation and MDS No.:</i>	BARS      MDS D57 REV. 5      UNS S 32760					
<i>Manufacturing summary doc. No.:</i>	1. MS 32760 HR				<i>Rev. No.:</i> 3	
<i>Products and manufacturing process(es):</i>	1. HOT ROLLED BARS					
<i>Mandatory conditions and sub-contractors:</i>	Mechanical and corrosion testing carried at TTI Tubacex Tubos Inoxidables, S.A.U. Heat treatment carried out in Guinea Furnace in Acerálava. Heat treatment of UNS S32760 bar according to heat treatment procedure 04.02-C000.00TT-P.001.					
<i>Other information:</i>	Heat treatment witnessed by SFF (report VHTA-01). Material can be supplied in a non heat treated condition to be later processed to obtain material against a Material Data Sheet. ACERALAVA-TTI do have in house testing facilities to cover all the testing required by 22% and 25% Cr reference standards. These laboratories are included in the ISO 9001 QA system in compliance with international testing reference standards and working to procedures following principles of ISO17025.					
<i>Expiry date</i>	November 2020					
<b>Tested and Qualified Thickness and Weight</b>						
<i>Products and manufacturing process(es):</i>	<i>Test record No.</i>	<i>Test date</i>	<i>Tested Thickness (mm)</i>	<i>Qualified thickness (mm)</i>	<i>Test piece weight (kg)</i>	<i>Qualified weight (kg)</i>
1	563338	08/11/2012	200	200	NA	NA
1	636369	06/11/2015	230	230	NA	NA
<b>Qualification/Acceptance signatures</b>						
<b>Manufacturer:</b>	<i>Prepared by/Date:</i>  Carlos Arrieta      Nov. 2016		<i>Checked by/Date:</i>  Aitor González      Nov. 2016			
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</b> (company name/address):			<i>Signature/Date:</i>			
 SCANDINAVIAN FITTINGS & FLANGES AS			20.12.2016 