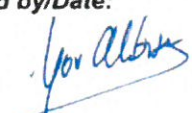


	Qualification Test Record (QTR)				QTR. No.:3	
	NORSOK M-650				Rev. No.:2	
Manufacturer name/address/ Web page:	GAINZA FORGE, S.L. Barrio Agote nº7 20740 ZESTOA (Gipuzkoa) Spain Tel.+34-943-147871 Fax.+34-943-147790 www.gainzaforge.com , e-mail: gainza@gainzaforge.com					
Reference standard	NORSOK M-650, Edition 4					
Material designation and MDS No.:	Ferritic/Austenitic Stainless Steel Forgings Type 22Cr Duplex ASTM A182 Gr. F51 UNS S31803; MDS D44, Revision 5.					
Manufacturing Summary doc. No.:	MS-F51-02				Rev. No.:8	
Products and manufacturing process(es):	FORGING MADE BY RING ROLLING					
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> • Heat treatment by: Tratamientos Termicos Yurre, S.L. • Micrographic examination by: Azterlan (external laboratory) • Forgings shall be machined as close as possible to final shape prior to quality heat treatment. 					
Other information:	Verification of heat treatment procedure report No.1/2011 Rev-1 performed on 16 th of November 2011 and N° 1/2017 perform on 5 th of May 2017					
Qualification expires:	July 2022					
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	
Die forged flanges	2012/0384	200	200	1110	All	
Qualification/acceptance signatures						
Manufacturer:	Prepared by/Date:		Checked by/Date:			
	 Igor Albizu 10 th of October 2017		 Pedro Bravo 10 th of October 2017			
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. <i>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.</i>						
Qualified/Accepted by (company name /address):			Signature/Date:			
			 10 th of October 2017			
Member of NORSOK M-650 committee						