

	Qualification Test Record (QTR) NORSOK M-650				QTR. No.:4	
					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 NORSOK M-630, Edition 6					
Material designation and MDS No.:	Ferritic/Austenitic Stainless Steel Forgings Type 25Cr Duplex ASTM A182 Gr. F55 UNS S32760; MDS D54, Revision 5.					
Manufacturing Summary doc. No.:	MS-F55-01				Rev. No.:6	
Products and manufacturing process(es):	FORGING MADE BY OPEN DIE FORGING					
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> Heat treatment by: Tratamientos Termicos Yurre, S.L. Micrographic examination and corrosion test 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.1/2020 performed on 2 nd of October 2020.					
Qualification expires:	October 2025					
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	2020/0365	200	200	1240	All	
Note: Maximum qualified thickness is applicable to the flange body cross section thickness.						
Qualification/acceptance signatures						
Manufacturer:	Prepared by/Date:		Checked by/Date:			
	Lourdes Vidal 6 th of October 2020 		Pedro Bravo 6 th of October 2020 		 Pedro Bravo	
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):			Signature/Date:			
			6 th of October 2020			
Member of NORSOK M-650 committee						