GAINZA FORGE		Qualification Test Record (QTR) NORSOK M-650			rr)	QTR. No.:5	
FORGE	TURE					Rev. No.:2	
Manufacturer		GAINZA FOR					
name/address/ Web page:		Barrio Agote nº7 20740 ZESTOA (Gipuzkoa) Spain Tel.+34-943-147871 Fax.+34-943-147790					
Web page.				1-943-147790 il: <u>gainza@gainz</u>	aforao com		
		www.gairizaio	ilge.com , e-ma	II. gairiza@gairiz	alorge.com		
Reference standard		NORSOK M-650, Edition 4					
Material designation and MDS No.:		Ferritic/Austenitic Stainless Steel Forgings Type 25Cr Duplex					
		ASTM A182 Gr. F55 UNS S32760 All test requirements shall comply with NORSOK M-630:2020 MDS D54 Rev.6 and					
Manufacturing		DH54 Rev.1 MS-F55-02		20,000		Rev. No.:5	
Summary doc. No.:		1013-1 33-02				1167. 1400	
Products and			n die followed by	ring rolling:			
manufacturing process(es):		-Rings -Hubs (machined to shape)					
process(es).			iges (machined to	shape)			
Mandatory	_						
conditions and sub- contractors:		Micrographic examination and corrosion test by: Azterlan (external laboratory)					
		Forgings shall be machined as close as possible to final shape prior to					
			heat treatment.				
Other information:		Verification of heat treatment procedure report No.1/2021 performed on 22 nd of					
		October 2021 a					
			тот продел ро	nomed on 19 of	rebluary 20	022	
0 1101 11				nomied on 19 of	rebluary 20)22	
Qualification expir	es:	December 2027			rebluary 20)ZZ	
Qualification expir			7	ickness and		JZZ	
Qualification expir Products and			7				
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Products and manufacturing	Te	Tested and	qualified th Tested thickness	ickness and Qualified thickness	weight Test pie	ce Qualified t weight	
Products and manufacturing process(es):	Te	Tested and est record No.	qualified th Tested thickness mm 150	ickness and Qualified thickness mm 150	weight Test pie weight kg 345	ce Qualified t weight kg	
Products and manufacturing process(es):	- Te	Tested and est record No. 017-2979-10.2 Qualifica	qualified th Tested thickness mm 150	Qualified thickness mm 150	weight Test pie weight kg 345	ce Qualified t weight kg	
Products and manufacturing process(es): Rolled rings	- Te	Tested and est record No. 017-2979-10.2 Qualificates epared by/Date:	qualified th Tested thickness mm 150	ickness and Qualified thickness mm 150	weight Test pie weight kg 345	ce Qualified t weight kg	
Products and manufacturing process(es): Rolled rings	- Te	Tested and est record No. 017-2979-10.2 Qualificates epared by/Date:	qualified th Tested thickness mm 150	Qualified thickness mm 150	weight Test pie weight kg 345	ce Qualified t weight kg	
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Products and manufacturing process(es): Rolled rings Manufacturer: The manufacturer do	Pr Iggorer an NOF foot of the state of the s	Cor Albizu 16th of Ind this QTR are experted by pur his products with the product of the prod	qualified th Tested thickness mm 150 ation/accept compared to the supply of the abourchaser from his thin the essential	Qualified thickness mm 150 cance signate Checked by/Da Pedro Bravo 16 und to be in complive listed products responsibility to elevariables of NORS	weight Test pie weight kg 345 ures te: th of Decembance with the and material insure that the SOK M-650.	ce Qualified weight kg All per 2022 e requirements of is. is qualification is vali	