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 CIF: B-20056255

Qualification Test Record (QTR) NORSOK M-650

QTR. No.: 1

Rev. No.: 3

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.:	Austenitic Stainless Steel Forgings Type 6Mo ASTM A182 Gr. F44 (UNS S31254) All test requirements shall comply with NORSOK M-630:2020 MDS R14 Rev.6	
Manufacturing Summary doc. No.:	MS-01	Rev. No.: 6
Products and manufacturing process(es):	Forging by open die: -Disks (Blind Flanges) -Hubs -Weld neck flanges	
Mandatory conditions and sub-contractors:	<i>Example:</i> <ul style="list-style-type: none"> Corrosion test by: Azterlan (external laboratory) Forgings shall be rough machined prior to heat treatment 	
Other information:	Heat treatment procedure verification report No 2/2022 Rev-0 The qualification test is made without a prolongation at the weld end.	
Qualification expires:	January 2028	

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	2012/2979/01	180	180	675	All

Qualification/acceptance signatures

Manufacturer:	Prepared by/Date: Igor Albizu 20 th of January 2023	Checked by/Date: Pedro Bravo 20 th of January 2023
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GAINZA FORGE, S.L.
Quality Assurance Manager

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: <div style="text-align: right;">20th of January 2023</div>
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Member of NORSOK M-650 committee