

nordic flanges	<b>Qualification Test Record NORSOK M-650</b>		QTR. No.: NF ODPTitan
			Rev. No.: 5
Manufacturer name/address/ Web page:	Nordic flanges AB, Kavelvägen 17, 894 35 Själevad, Sweden www.nordicflanges.com		
Reference standard	Norsok M-650 Edition 4		
Material designation and MDS No.:	ASTM B381, Titan Grade F2, MDS T01, Revision 5		
Manufacturing summary doc. No.:	ODPTitan	Rev. No.:5	
Products and manufacturing process(es):	Hot forged flanges ½"-3", Forged by open die in forging press Air cooled		
Mandatory conditions and sub-contractors:	NF may use subcontractor according to PD-09		
Other information:	Qualification testing acc to approved sketch and document 091104. Exova Karlskoga is qualified to ISO 17025. Nordic Flanges laboratory works to the principles of ISO 17025.		
Qualification Expires:	2022-08-24		

#### Tested and Qualified Thickness and Weight



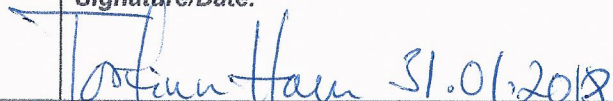
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
Die Forged flanges	H10-4808	43	48	5	10

#### Qualification/acceptance signatures

Manufacturer: Nordic Flanges (NF)	Prepared by/Date: 2017-12-01 Bert Kampman <i>Bert Kampman</i>	Checked by/Date: 2018-01-29 Marita Sjödin <i>Marita Sjödin</i>
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#### Remarks/Special remarks:

- 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:
 <b>APPROVED</b> 	 Torfinn Ham 31.01.2018

partner in material technology  
and innovation



*Anders Holm* 31 jan 2018