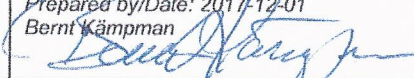
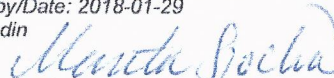


nordic flanges	Qualification Test Record NORSOK M-650		QTR. No.: NF CBHtitan
			Rev. No.: 5
Manufacturer name/address/ Web page:	Nordic Flanges AB, Kavelvägen 17, 894 35 Själevad, Sweden www.nordicflanges.com		
Reference standard	Norsok M-650 Edition 4		
Material designation and MDS No.:	ASTM B 381, Titan Grade F2, MDS T01, Revision 5		
Manufacturing summary doc. No.:	CBHtitan	Rev. No.: 5	
Products and manufacturing process(es):	Hot forged flanges 2"-12", forged by open die in counter blow hammer 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 accredited 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	97	122	58	116

Qualification/acceptance signatures

Manufacturer: Nordic Flanges (NF)	Prepared by/Date: 2017-12-01 Bernt Kämpman 	Checked by/Date: 2018-01-29 Marita Sjödin 
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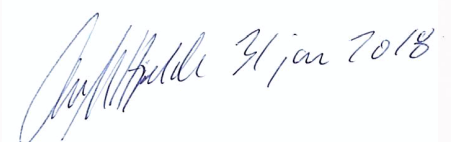
Remarks/Special remarks:

- 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):  APPROVED TORELVN HAVN	Signature/Date:  31.01.2018
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partner in material technology
and innovation



 31 jan 2018