
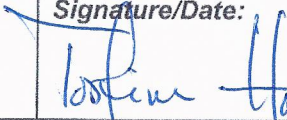
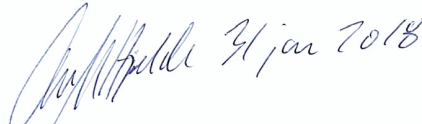


nordic flanges	<b>Qualification Test Record NORSOK M-650</b>				QTR. No.: NF CBHF51/60	
					Rev. No.: 5	
Manufacturer name/address/ Web page:	Nordic Flanges AB, Kavelvägen 17, 894 35 Själevad, Sweden www.nordicflanges.com					
Reference standard	Norsok M-650 Edition 4					
Material designation and MDS No.:	ASTM A 182 Gr F51/60 MDS D44, Revision 5					
Manufacturing summary doc. No.:	CBHF51				Rev. No.: 5	
Products and manufacturing process(es):	Hot forged flanges 2"-12", forged by open die in counter blow hammer					
Mandatory conditions and sub-contractors:	NF may use subcontractor according to PD-09 Separate heat treatment in furnace Sarlin, 100 kW, 250 A					
Other information:	Qualification testing acc to approved sketch and document 091104, 120517. Heat treatment procedure verification carried out under supervision of qualifying company Exova Karlskoga is accredited to ISO 17025. Nordic Flanges laboratory works to the principles of ISO 17025					
Qualification Expires:	2022-10-26					
<b>Tested and Qualified Thickness and Weight</b>						
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)	
Die forged flanges	H10-04808	97	107	97	194	
Die forged flanges	7151/0204	97	107	97	194	
<b>Qualification/acceptance signatures</b>						
Manufacturer: Nordic Flanges (NF)	Prepared by/Date: 2017-12-01 Bernt Kämpman		Checked by/Date: 2018-01-29 Marita Sjödin			
<b>Remarks/Special remarks:</b> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> </ol>						
Qualified/Accepted by (company name/address):			Signature/Date:			
 <b>APPROVED</b> <b>TORFINN HAVN</b>			 <b>Torfinn Havn 31.01.2018</b>			
<small>partner in material technology and innovation</small>						



  
31 jan 2018