
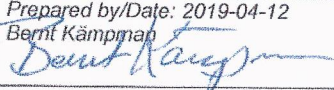
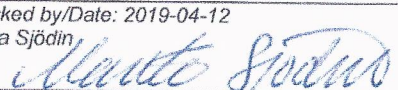


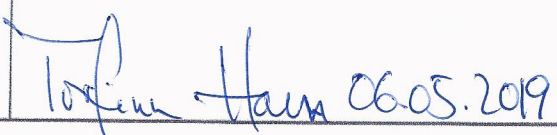


# nordic flanges

	<b>Qualification Test Record NORSOK M-650 Edition 4</b>				QTR. No.: NF ODPF53	
					Rev. No.: 3	
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. F53 MDS D54, Revision 5				
Manufacturing summary doc. No.:		ODPF53			Rev. No.: 2	
Products and manufacturing process(es):		Hot forged flanges 1/2" – 3", forged by open die in forging press				
Mandatory conditions and sub-contractors:		<ul style="list-style-type: none"> <li>Billets come from M-650 approved sources</li> <li>Separate heat treatment in furnace Sarlin 100KW, 250A</li> </ul>				
Other information:		Qualification testing acc to approved sketch and document QT1001 REV.0 Weld-Neck 1"-2500LB and TOT ODPF53. The tests have been supervised by DNV and Inspecta. The size of forging is 1" 2500LB Heat treatment procedure verification carried out under supervision of qualifying company				
Qualification Expires:		2023-03-18				
<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		K402656	38	42	7,5	15
<b>Qualification/acceptance signatures</b>						
Manufacturer: Nordic Flanges (NF)		Prepared by/Date: 2019-04-12 Bengt Kämpman 		Checked by/Date: 2019-04-12 Marita Sjödin 		
<b>Remarks/Special remarks:</b>						
1. 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. 2. 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 Hann 06.05.2019		
Co-signed by (Company name/address)				Signature/Date:		