




MRC Global

	Qualification Test Record				QTR. No.: NF CBHF53
	NORSOK M-650 Edition 4				Rev. No.: 1
Manufacturer name/address/ Web page:	Nordi Flanges AB, Kavlvägen 17, 894 35 Själevad, Sweden www.nordic flanges.com				
Reference standard	Norsok M-650 Edition 4				
Material designation and MDS No.:	ASTM A 182 Gr F53 MDS D 54, Revision 5				
Manufacturing summary doc. No.:	CBHF53	Rev. No.: 0			
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, 250A				
Other information:	<p>Qualification testing acc to approved sketch and document QT1003 REV.1 Weld-Neck 3"-1500LB and TOT CBHF53. 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</p>				
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	K402651	60	60	33	66
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date:	Checked by/Date: 20170213 QA Bernt Kämpman 			
Remarks/Special remarks:					
<ol style="list-style-type: none"> 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. 3. This qualification is executed and accepted by MRC Global as "Qualifying Company" solely for the supply of the above listed products to MRC Global as "Purchaser", and MRC Global assumes no liability for the use of or reliance on this qualification/ acceptance by other purchasers. 4. In accordance with MRC Global internal routines and procedures, the validity of the qualification/acceptance is 1 year from the initial signing of the QTR front sheet, after which the qualification/acceptance is subject to annual verification and renewal. 					
Qualified/Accepted by (company name/address):  Langarinden 16 NO-5132 NYBORG			Initial approval date: 18.3.2016 Expiry date (annual renewal): 18.3.2018 Signature: 