


## Qualification Test Record (QTR)

 <b>KIND</b> <small>Werkstofftechnik &amp; Bearbeitung</small>	<b>Qualification Test Record (QTR)</b>		QTR. No.:		
	<b>NORSOK M-650</b>		02 - 005546		
		Rev. No.: 0.			
<b>Manufacturer name/address/ Web page:</b>	R. Kind GmbH Nochener Straße 1-3 D51647 Gummersbach www.r-kind.de				
<b>Reference standard</b>	NORSOK M-650, Edition 4				
<b>Material designation and MDS No.:</b>	NORSOK M - 630 MDS T01, UNS R50400, ASME IIB SB-381 F2 Edition 2010, NACE MR0175-2003 and HL-Spez. 301044 MS 07 Rev.1				
<b>Manufacturing Summary doc. No.:</b>	MS_02 - 005546			Rev. No.: A	
<b>Products and manufacturing process(es):</b>	Die forged disc, Production route No. Item 050, 090				
<b>Mandatory conditions and subcontractors:</b>	<ul style="list-style-type: none"> <li>• Heat treatment by: Härtereierischer Owen No.2</li> <li>• Forgings shall be machined as close as possible to final shape prior to quality heat treatment.</li> </ul>				
<b>Other information:</b>	<ul style="list-style-type: none"> <li>• Rawmaterial by - Antares, S.C. Zirom S.A.</li> </ul>				
<b>Qualification expires:</b>	06./ 2018				
<b>Tested and qualified thickness and weight</b>					
<b>Products and manufacturing process(es):</b>	<b>Test record No.</b>	<b>Tested thickness mm</b>	<b>Qualified thickness mm</b>	<b>Test piece weight kg</b>	<b>Qualified weight kg</b>
Die forged disc	Pos.50, 90	300	375		all
<b>Qualification/acceptance signatures</b>					
<b>Manufacturer:</b>	<b>Prepared by/Date:</b>		<b>Checked by/Date:</b>		
R.Kind	M.Bonner, 26.06.2013 <i>Bonner</i>		R.Kind, 26.06.2013 <i>ML</i>		
<p style="text-align: center;">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.</p>					
<b>Qualified/Accepted by</b>			<b>Signature/Date:</b>		
<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Materials Consult AS</b>              Petter Fjellheim              N-7058 Jakobsli, Trondheim              +47 97189397         </div>			<b>24.08.2013</b>  <i>Petter Fjellheim</i>		