
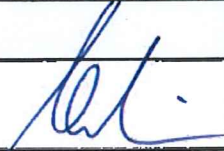
 König + Co. GmbH	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>				QTR. No.: Kö11987QTR
					Rev. No.:1
Manufacturer name/address/ Web page:	König + Co. GmbH, Obere Industriestraße 24 – 26, D-57250 Netphen www.koenig-co.de				
Reference standard	NORSOK M-650, Edition 4, September 2011				
Material designation and MDS No.:	ASTM A240 UNS S 32750 / ASTM A815 UNS S32750 NORSOK M-630 Ed.6, MDS D53, Rev. 5				
Manufacturing summary doc. No.:	Kö-10MS			Rev. No.:4	
Products and manufacturing process(es):	Heads made of plates, material: ASTM A240 UNS S 32750 With and without welding seams. <b>Forming Process:</b> Cold forming				
Mandatory conditions and sub-contractors:	Heat treatment after forming is necessary and will be carried out by own furnace at plant Siegen or furnace no. 788 at plant Netphen. Manufacturer for starting material is Outokumpu and Industeel or other NORSOK M-650 qualified manufacturer.				
Other information:	<ul style="list-style-type: none"> <li>- Pickling will be done by own facilities.</li> <li>- Temperature uniformity survey done in 2014 for furnace at plant Siegen and 2015 for furnace no.788.</li> <li>- Verification of heat treatment procedure done in 2013 for furnace at plant Siegen and 2015 for furnace no.788</li> <li>- The maximum weight qualified for furnace plant Siegen is 8000kg</li> </ul>				
Qualification expires:	01. 2020				
<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)
Cold formed heads	14/11987	12 mm	15 mm	1200 kg	30000kg
<b>Qualification/Acceptance signatures</b>					
<b>Manufacturer:</b>	Prepared by / Date: Calvo / 13.03.2015			Checked by / Date: Haustein / 13.03.2015	
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): Materials Consult AS Petter Fjellheim N-7058 Jakobsli, Trondheim +47 97189397			Signature/Date: 17.03.2015 