
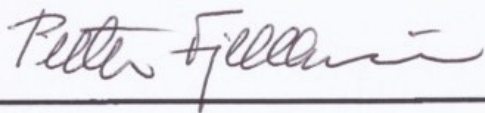
 König + Co. GmbH	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. No.: Kö14847QTR
			Rev. No.:0
Manufacturer name/address/ Web page:	König + Co. GmbH, Obere Industriestraße 24 – 26, D-57250 Netphen www.koenig-co.de		
Reference standard	NORSOK M-650, Edition 4, September 2011		
Material designation and MDS No.:	ASTM A240 UNS S 32760 / ASTM A815 UNS S32760 NORSOK M-630 Ed.6, MDS D53, Rev. 5		
Manufacturing summary doc. No.:	Kö-12MS	Rev. No.:0	
Products and manufacturing process(es):	Heads made of plates, material: ASTM A240 UNS S 32760 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 no.788 Manufacturer for starting material is Outokumpu and Industeel or other NORSOK M-650 qualified manufacturer.		
Other information:	- Pickling will be done by own facilities. - Temperature uniformity survey done in 2016 - Verification of heat treatment procedure done in 2015		
Qualification expires:	10. 2021		

**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)
Cold formed heads	16/14847	15 mm	18,75 mm	810 kg	N.A.

**Qualification/Acceptance signatures**

<b>Manufacturer:</b>	Prepared by / Date: Calvo / 09.11.2016 	Checked by / Date: Haustein / 09.11.2016 
	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.	

<b>Qualified/Accepted by</b> (company name/address): <div style="border: 1px solid black; padding: 5px; width: fit-content;">                 Materials Consult AS                  Petter Fjellheim                  N-7058 Jakobsli, Trondheim                  +47 97 189397             </div> 	Signature/Date: 15.11.2016 
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