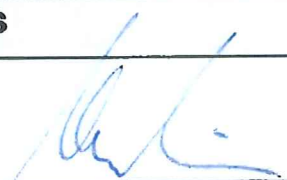



 König + Co. GmbH	QTR Qualification Test Record NORSOK M-650				QTR. No.: Kö12870QTR
					Rev. No.:0
Manufacturer name/address/ Web page:	König + Co. GmbH, Obere Industriestraße 24 – 26, D-57250 Netphen www.koenig-co.de				
Reference standard	NORSOK M-650, Edition 4, September 2011				
Material designation and MDS No.:	ASTM A240 S32760/ASTM A815 S32760, NORSOK M-630 Ed. 6, MDS D53, Rev. 5				
Manufacturing summary doc. No.:	Kö-11MS				Rev. No.:0
Products and manufacturing process(es):	Heads made of plates, material: ASTM A240 S32760 without welding seams. Forming Process: Hot forming				
Mandatory conditions and sub-contractors:	Heat treatment after forming is necessary and will be carried out by own furnaces: Furnace No. 348 Manufacturer for starting material is Outokumpu and Industeel or other NORSOK M-650 qualified manufacturer				
Other information:	Pickling will be done by own facilities. Uniformity surveys done in 2015. Verification of heat treatment procedure done in 2012. Qualification expires: 07.2020				
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)
Hot formed heads	15/12780_3a	60 mm	60 mm	146kg	N.A.
Qualification/Acceptance signatures					
Manufacturer:	Prepared by/Date: Calvo/ 18.11.2015 	Checked by/Date: Haustein/ 18.11.2015 			
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: 14.03.2016 