

<b>HALIKKO WORKS</b>	<b>QTR</b> <b>Qualification Test Record</b> <b>NORSOK M-650</b>		QTR. No.: HW-25Cr duplex-1
			Rev. No.: 0, 7.1.2008
Manufacturer name/address/ Web page:	Halikko Works Oy, Heinäalhontie 3 FI-24810 HALIKKO AS, Finland www.halikkoworks.com		
Reference standard	NORSOK M-650, M-630		
Material designation and MDS No.:	-D55 rev 3, seamless heads; -D53 rev 3, welded heads UMS 8 32760		
Manufacturing summary doc. No.:	HW-25Cr duplex/1	Rev. No.: 0	
Products and manufacturing process(es):	Dished heads with or without weld seam Cold dishing followed cold spinning, solution heat treatment, water quenching, testing and pickling		
Mandatory conditions and sub-contractors:	Plates from approved steel manufacturers: Outokumpu, Industeel		
Other information:	Halikko Works Oy continues the same manufacturing from 1.10.2005.		

**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)
Dished heads	4249/07 4249.1/07 4250/07	20	25		

**Qualification/Acceptance signatures**

<b>Manufacturer:</b>	Prepared by/Date: Jorma Hietalahti 7 January 2008	Checked by/Date: Lasse Salminen 7 January 2008
<p>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> (company name/address):	Signature/Date:	
Aker Kvaerner Engineering and Technology Sandegveien 36, Fornebu, NORWAY	[Signature] 21.01.2008	