FONDINOX	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.: CK3MCUN VERTICAL CENTRICAST* *Rev. No.:6*
Manufacturer name/address/ Web page:	*Fondinox S.p.A – via Marconi 42/48 – Sergnano - ITALY* *ph: 0039 0373 45651 / fax: 0039 0373 455100 / email: fondinox@fondinox.com*	
Reference standard	NORSOK M-650, Edition 4	
Material designation and MDS No.:	ASTM A351 CK3MCuN MDS R16 REV.5	
Manufacturing Summary doc. No.:	A351 CK3MCuN VERTICAL CENTRICAST	*Rev. No.:5*
Products and manufacturing process(es):	VERTICAL CENTRICAST	
Mandatory conditions and sub-contractors:	• Heat treatments in furnaces Sofind and Felind • Material testing by ELEMENT MATERIALS TECHNOLOGY MILAN S.R.L. or FONDINOX in-house laboratory (as per activity no. 15 of relevant MS)	
Other information:	*Changes from previous Edition:* • Re-qualified without testing • Changed denomination of product from "CENTRICAST BALLS" to "VERTICAL CENTRICAST", with no changes in essential variables • General revision including requirements of ISO 17781:2017 and ISO 17782:2018	
Qualification expires:	*05/2025*	

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***
CENTRICAST BALLS	63153	200	200	1100	ALL
VERTICAL CENTRICAST RING	102453	200	200	810	ALL

Qualification/acceptance signatures

Manufacturer:	***Prepared by/Date:*** ***S. MORINI – 04/05/2020*** FONDINOX	***Checked by/Date:*** ***F. ACERBIS – 04/05/2020*** FONDINOX

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):* VALVITALIA SPA VIAS DIVISION VIA SOASTENE 24 - 36040 - BRENDOLA VICENZA (IT)	***Signature/Date:*** 04 MAY 2020 Valvitalia S.p.A. VIAS Division QUALITY CONTROL