

CERTIFICATE OF ANALYSIS**Reference Material Type** CORROSION RESISTANT CAST IRON (CHILL CAST)**Catalogue Section:** 11 X **Sample No:** S3CR 1 **Batch No:** D**Certified Values**

ELEMENT	C	Si	S	P	Mn	Ni	Cr	Cu
%	2.61	2.52	0.011	0.046	0.70	31.7	0.15	0.19

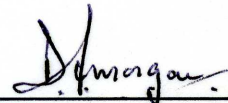
1	2.67	2.54	0.011	0.046	0.70	31.74	0.14	0.19
2	2.59	2.50	0.010	0.046	0.70	31.5	0.15	0.19
3	2.59	2.50	0.010	0.046	0.70	31.5	0.16	0.19

Form and Size: Disc 40mm diameter x 15mm thickness**Supplied by:** MBH Analytical Limited**Produced by:** British Steel (Technical) Limited**Date of Certification:** 8 June 1993 (Replaces Single page Certificate issued 22.9.1990)

Mean	2.613	2.52	0.0105	0.046	0.70	31.58	0.15	0.19
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Intended Use: With Optical Emission and X-Ray Fluorescence Spectrometers.

Recommended Method of Use: Cast Irons are generally prepared by grinding. However, users are recommended to follow the calibration and sample preparation procedures specified by the relevant instrument manufacturer. Preparation should be the same for reference materials and the samples for test. When using O.E. a minimum of three consistent replicate analyses is recommended to optimise precision and accuracy. Users are advised to check against possible bias between reference materials and production samples due to difference in metallurgical history and be aware of possible inter-element effect.

MBH ANALYTICAL LIMITED

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