

# BUREAU OF ANALYSED SAMPLES LTD



*Directors:-*

*P. D. RIDSDALE, B.Sc., C.Eng., M.I.M., M.R.S.C., (Chairman)*  
*R. P. MEERES, B.A., (Oxon), M.R.S.C., (Managing)*  
*G. C. FLINTOFT, A.C.M.A., (Company Secretary)*



Certificate No Q3993

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## STEEL SETTING-UP SAMPLES for DIRECT-READING SPECTROGRAPHS INFORMATION SHEET

### SAMPLE "H/7" LOW ALLOY STEEL

This sample has been prepared from a special cast of steel, representative sections of which have been thoroughly examined both spectroscopically and chemically to confirm the homogeneity of the bulk sample.

#### APPROXIMATE COMPOSITION

	%		%
Carbon ..	0.52	Arsenic ..	0.01-
Silicon ..	1.0-	Boron ..	0.01-
Manganese ..	1.7-	Copper ..	0.39-
Phosphorus ..	0.04	Niobium ..	0.11-
Sulphur ..	0.03	Tin ..	0.03-
Chromium ..	1.3-	Titanium ..	0.34-
Molybdenum ..	0.42	Vanadium ..	0.33-
Nickel ..	1.1-	Zirconium ..	0.03-
Aluminium ..	0.20	Calcium ..	<0.005

**The above figures are only supplied as an approximate guide to the composition and must NOT be regarded as certified values.**

NB: These samples should not be confused with the Primary Spectroscopic Standard Certified Reference Materials prepared and issued by Bureau of Analysed Samples Ltd.

Note: *An area 6 mm in diameter in the centre of the disc should be avoided for optical emission spectrometry.*

Newham Hall,  
Newby, Middlesbrough  
ENGLAND, TS8 9EA

For BUREAU OF ANALYSED SAMPLES LTD.  
R. P. Meeres,  
Managing Director

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