



# BUREAU OF ANALYSED SAMPLES LTD

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Certificate No. 94/3993

## STEEL SETTING-UP SAMPLES for DIRECT-READING SPECTROGRAPHS INFORMATION SHEET SAMPLE "D/11" 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	..	..	0.80	Boron	..	..	<0.001
Silicon	..	..	0.80	Cobalt	..	..	0.29-
Manganese	..	..	0.40	Copper	..	..	0.11-
Phosphorus	..	..	0.01	Nitrogen	..	..	0.01-
Sulphur	..	..	0.03	Niobium	..	..	0.05-
Chromium	..	..	3.0-	Tin	..	..	0.01-
Molybdenum	..	..	1.3-	Titanium	..	..	0.10-
Nickel	..	..	0.10	Vanadium	..	..	0.12-
Aluminium	..	..	0.19	Tungsten	..	..	0.16-

**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 should be avoided for optical emission spectrometry.*

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

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