



**BUREAU OF ANALYSED SAMPLES LTD.**



Certificate No. 94/3993

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## STEEL SETTING-UP SAMPLES

For

## DIRECT-READING SPECTROGRAPHS

## INFORMATION SHEET

## SAMPLE "B/6" 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	..	..	..	..	0.39-	Boron	..	..	..	0.001
Silicon	..	..	..	..	0.29-	Cobalt	..	..	..	0.02-
Manganese	..	..	..	..	0.44-	Copper	..	..	..	0.15-
Phosphorus	..	..	..	..	0.005	Niobium	..	..	..	0.005
Sulphur	..	..	..	..	<0.005	Lead	..	..	..	<0.001
Chromium	..	..	..	..	1.2-	Tin	..	..	..	0.01-
Molybdenum	..	..	..	..	0.20-	Titanium	..	..	..	0.01-
Nickel	..	..	..	..	1.5-	Vanadium	..	..	..	0.01-
Aluminium	..	..	..	..	0.01-	Tungsten	..	..	..	0.005
Arsenic	..	..	..	..	0.005	Calcium	..	..	..	<0.001

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

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

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