



BUREAU OF ANALYSED SAMPLES LTD

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Certificate No GB94/3993

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

SAMPLE "E/6" HIGHLY ALLOYED 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..	..	0.07	Boron	..	0.005
Silicon	..	0.69	Cobalt	..	0.09
Manganese	..	1.5	Copper	..	0.01
Phosphorus	..	0.006	Nitrogen	..	0.01
Sulphur	..	0.003	Niobium	..	<0.1
Chromium	..	14.8	Titanium	..	2.1
Molybdenum	..	1.3	Vanadium	..	0.31
Nickel	..	25.3	Tungsten	..	0.04
Aluminium	..	0.21	Iron	..	53.7

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.
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July 2008