

BUREAU OF ANALYSED SAMPLES LTD



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Certificate No Q3993

STEEL SETTING-UP SAMPLES for DIRECT-READING SPECTROGRAPHS

INFORMATION SHEET

SAMPLE "G/6" STAINLESS 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 ..	0.02	Copper ..	0.35
Silicon ..	0.22	Nitrogen ..	0.04
Manganese ..	1.5-	Niobium ..	<0.001
Phosphorus ..	0.03	Tin ..	0.008
Sulphur ..	0.03	Titanium ..	0.003
Chromium ..	16.9-	Vanadium ..	0.05
Molybdenum ..	2.1-	Tungsten ..	0.06
Nickel ..	11.0-	Zirconium ..	<0.001
Aluminium ..	0.003	Calcium ..	0.002
Cobalt ..	0.11	Tantalum ..	<0.002

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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Managing Director

June 2000