

BUREAU OF ANALYSED SAMPLES LTD



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Certificate No Q3993

STEEL SETTING-UP SAMPLES for DIRECT-READING SPECTROGRAPHS

INFORMATION SHEET

SAMPLE "F/5" DUPLEX 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	Boron ..	0.002
Silicon ..	0.26	Cobalt ..	0.01
Manganese ..	0.50	Copper ..	0.59
Phosphorus ..	0.02	Nitrogen ..	0.23
Sulphur ..	<0.005	Niobium ..	<0.005
Chromium ..	24.7-	Tin ..	<0.001
Molybdenum ..	3.5-	Titanium ..	<0.005
Nickel ..	7.0-	Vanadium ..	0.03
Aluminium ..	<0.005	Tungsten ..	0.62
Arsenic ..	0.005	Iron ..	62.9

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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