

BUREAU OF ANALYSED SAMPLES LTD



Directors:-

P. D. RIDSDALE, B.Sc., C.Eng., M.I.M., M.R.S.C., (Chairman)

R. P. MEERES, B.A., (Oxon), M.R.S.C., (Managing)

G. C. FLINTOFT, A.C.M.A., (Company Secretary)



Certificate No Q3993

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

SAMPLE "C/17" 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 ..	0.15	Cobalt ..	0.06-
Silicon ..	0.18	Copper ..	0.46-
Manganese ..	1.3-	Nitrogen ..	0.005
Phosphorus ..	0.07	Niobium ..	0.02-
Sulphur ..	0.05	Tin ..	0.06-
Chromium ..	0.18	Titanium ..	0.03-
Molybdenum ..	0.11	Vanadium ..	0.42-
Nickel ..	3.5-	Tungsten ..	0.33-
Aluminium ..	0.05	Zirconium ..	0.05-
Boron ..	0.01	Calcium ..	0.001-

The above figures are NOT CERTIFIED and are supplied only as an approximate guide to the composition of this steel.

This setting up sample should not be confused with the 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.

Newham Hall,
Newby, Middlesbrough
ENGLAND, TS8 9EA

For BUREAU OF ANALYSED SAMPLES LTD.

R. P. Meeres,
Managing Director

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