



BUREAU OF ANALYSED SAMPLES LTD

Directors:-
P D RIDSDALE, BSc, FRSC, CEng, MIM (Chairman)
R P MEERES, BA, (Oxon), MRSC (Managing)
G C FLINTOFT, ACMA (Company Secretary)



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

SAMPLE "A/11" LOW CARBON 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 | Aluminium | | 0.07 |
| Silicon | | 0.01 | Cobalt | | 0.01 |
| Manganese | | 0.15 | Copper | | 0.01 |
| Phosphorus | | <0.005 | Niobium | | <0.005 |
| Sulphur | | 0.005 | Tin | | <0.005 |
| Chromium | | 0.02 | Titanium | | <0.001 |
| Molybdenum | | 0.01 | Vanadium | | <0.005 |
| Nickel | | 0.05 | Tungsten | | <0.005 |

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.*

Newham Hall,
Newby, Middlesbrough
ENGLAND

For BUREAU OF ANALYSED SAMPLES LTD.
R. P. Meeres,
Managing Director

March 2006