

## All Metals - Specifying and Inspection Authorities

Last Updated 18 July 2019

This datasheet provides some information about specifying and inspection authorities.

### Specifying Authorities

#### What are they?

- These are the organisations that set national and international standards.
- There are a large number of specifying authorities, typically at least one in every country. However, a limited number are of importance to the metals business in the UK and these are listed below.

Initials	Name/Notes
BSI	<b>British Standards Institute</b> - Note: BS = British Standard EN = Euronorm (European Standard) BS EN = British Standard conforming to Euronorm
ANSI	<b>American National Standards Institute</b>
ASTM	<b>American Society for Testing &amp; Materials</b>
AISI	<b>American Iron &amp; Steel Institute</b>
ASME	<b>American Society of Mechanical Engineers</b>
ISO	<b>International Standards Organisation</b>
AFNOR	<b>French Standards Organisation</b>
DIN	<b>German Standards Organisation</b>
JSA	<b>Japanese Standards Authority</b> - Issues JIS Standards
MSS	<b>Manufacturers Standardisation Society</b> - Valve & Fittings Industry
SMS	<b>Swedish Standards</b>
UNI	<b>Italian Standards</b>

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### Inspection Authorities

#### What are they?

- These are profit making organisations that sell their inspection services. They employ qualified professional inspectors and must be licensed by UKAS.

Initials	Name/Notes
UKAS	The UK Authority that issues licenses to inspection authorities
Lloyds	A UK body, originally set up to inspect ships but now handling all products
DNV	Det Norske Veritas – The Norwegian equivalent of Lloyds
SGS	Surveillance General Services – The French equivalent of Lloyds
British Engine	Originally set up to inspect boilers and pressure vessale

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