

Specifying and Inspection Authorities

Specifying Authorities

What are they?

- ◆ These are the organizations 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	British Standards Institute – Note: BS = British Standard EN = Euronorm (European Standard) BSEN = British Standard conforming to Euronorm
ANSI	American National Standards Institute
ASTM	American Society for Testing & Materials
AISI	American Iron & Steel Institute
ASME	American Society of Mechanical Engineers
ISO	International Standards Organisation
AFNOR	French Standards Organisation
DIN	German Standards Organisation
JSA	Japanese Standards Authority – Issues JIS Standards
MSS	Manufacturers Standardisation Society – Valve & Fittings Industry
SMS	Swedish Standards
UNI	Italian Standards

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 vessels

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