

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

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



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