

This applies to all equipment supplied for first time use in the EU.

- The manufacturer is normally accountable for ensuring that this process is followed
- For equipment imported into the EU, the importer is accountable
- It applies even if the equipment is for self use
- It applies to all machinery supplied for first time use within the EEC after 1 Jan. 1995, even if the equipment is older than this

For the majority of equipment, the process is one of self-certification (there is no "CE Inspector").

The service provided by SSS enables you to meet your legal obligations and to apply the CE mark. Where appropriate, we provide design change suggestions in order to meet the requirements of the appropriate standards.

Failure to follow this process can lead to fines. In cases where equipment is exported to other EU countries, it can also result in equipment being held at customs. Whilst it is primarily an EU requirement, SSS have been asked to provide support for equipment being exported to non-EU countries.

Benefits

As a result of the services provided by SSS, the supplier will:

- Have a report listing all applicable clauses in [EHSR's](#) and [HES's](#) (see below) which forms a significant part of the technical file.
- Have design input where there are problems meeting any of the above
- Have a declaration of conformity, which is the certification that the supplier must provide.
- Be legally able to affix the CE mark to the machinery

The applicable regulations are the Supply of Machinery (Safety) Regulations 2008. These require the manufacturer to:

- Design and build the equipment so that it complies with appropriate essential health and safety requirements ([EHSR's](#)) and harmonised European standards ([HES's](#))
- Assess the equipment for conformity with [EHSR's](#) and [HES's](#)
- Be able to compile a technical file proving conformance
- Draw up a declaration of conformity and affix the CE mark to the equipment

Where the machinery is imported for first time use into the EEC, the importer has the obligation for doing this.

SSS provide a service where we:

- Assess which [EHSR's](#) and [HES's](#) are relevant to the equipment.
- Consider each applicable clause within the [EHSR's](#) and [HES's](#) and state how this is met.
- Where an applicable clause is not met, we would normally make recommendations on how this could be met by reasonable and practicable means.
- Include an assessment to ISO 13849 Safety Related Control Systems which has recently been made mandatory. Some find that this can cause problems because of its complexity.
- Provide a risk assessment, if this has not already been done
- Provide a report with all of the above, which forms a significant part of the technical file. This can be supplied as a hard copy and a .pdf file.
- Provide a declaration of conformity.

SSS use a comprehensive and unique assessment system where each clause is listed and assessed if applicable.

SSS personnel are chartered health and safety practitioners and have a background in machinery design and manufacture.

Case study 1: Global Cutting Technologies

As an agent for a company making die cutting machines in Taiwan, Global Cutting Technologies of Wellingborough needed to follow the "CE Marking" requirements of the Supply of Machinery (Safety) Regulations 2008.

The approach taken by SSS was to provide a list of the standards, listed clause by clause stating whether or not the clause was applicable. Where it was applicable, SSS described how the requirements were met. As this was at the design stage, SSS were able to offer advice on the features that needed to be incorporated to meet the standards.



This included an assessment to ISO 13849 Safety Related Control Systems.

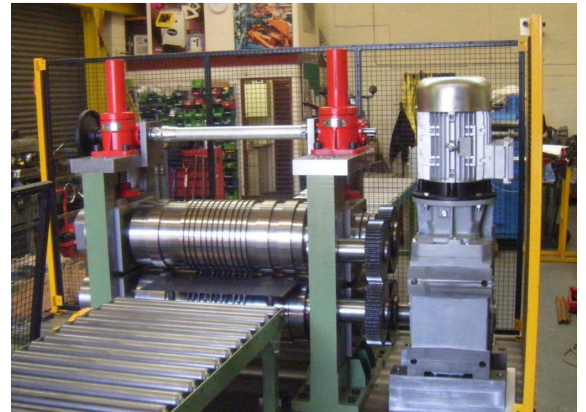
Global Cutting Technologies Managing Director, Bob Cosford said, " Although we were already fairly up to speed with CE, a particular project called for us to re-assess what we were doing and we saw this as an opportunity rather than an imposition. In engaging SSS to help and guide us, we found a highly proficient partner who evidently knew the requirements inside out. The project was completed on time and on budget and we now feel even more confident with CE going forward to new projects and existing ones."

Case study 2: Formit

Formit Ltd., of Stourbridge, make roll bending machines where sheet metal passes through a series of rollers which form the required section.

Following the initial assessment of a machine for forming a specialised tubing section destined for another SSS client, Formit now use SSS for the CE assessment of all of their equipment.

The picture on the right shows a perforator for lintel sections. (Note that the picture shows the machine part-built with a guard not fitted.)



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