

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.

## Benefits

Requirements for CE marking met – Enabled the company to be legally compliant.

Improvements made at the design stage – Enabled simple design changes to be done at minimal cost

Company is now in a position to repeat such assessments themselves – Reduces costs for future machines.

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.)

The approach taken by SSS was to provide a list of the standards using the SSS CE database system, listed clause by clause stating whether or not the clause was applicable. Where it was applicable, SSS described how the requirements were met.

The new standard EN 13849 requires calculations to be done to enable the appropriate protection level to be done, and SSS performed this service.

We also assessed the risks, working with key Formit personnel.

Formit now have:

- A set of documentation for the machine that was studied, including risk assessments and EN 13849 calculations. This forms the basis for the technical file, required by the regulations.
- A list of clauses for each standard, with statements of how the clause is met, if applicable.
- EN 13849 calculations.
- Risk assessment methodologies and forms
- A declaration of conformity certificate with the appropriate standards listed.

Matthew Worton of Formit said, “We engaged SSS to carry out a CE assessment on one of our roll forming machines and found the report to be a very thorough job indeed. We intend to use them on future machines “

Since this work, Formit use SSS for advice on new equipment.

