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***The Voice of the European
Fluid Power Industry***

CETOP POSITION PAPER PP 01

★ ***EEC DIRECTIVE
“SAFETY OF MACHINERY”
(98/37/EC)***

Valid since 26th June 1996

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EEC DIRECTIVE “SAFETY OF MACHINERY” (98/37/EC)

- EEC Directive “Safety of Machinery” covers machinery, safety components, interchangeable equipment and assemblies of machinery;
- Fluid power components marketed as “safety components” are therefore covered by EEC Directive “Safety of Machinery” in accordance with Article 1.2 and Annex II (C);
- There is no necessity for a “Declaration by the Manufacturer” in accordance with Article 4 (2) and Annex II (B) for fluid power components and sub-assemblies.

Explanatory Note:

Examples of products to be marked for CE Marking;

- Robotic and handling machines, when supplied as complete machines;
- Test rigs, test benches (e.g. multi-pass test rig), because of being a complete machine;
- Mobile test filtration test rigs, because of being complete machines;
- Power packs, power units on their own are not machines but sub-assemblies, because the intention is to assemble/connect them with other equipment – therefore no CE Marking is required;
- Training rigs shall not have CE Marking, because training rigs are usually supplied in parts. For given examples of circuit diagrams risk analysis shall be made and the results have to be indicated in the manuals supplied;
- Safety components are to be defined as safety systems/safety products with only a safety function, and the machine could be made to function without them;
- Safety components are, e.g. two hand controls, bursting discs and pressure sensing mats. For safety components a Declaration of Conformity is needed as described in Annex II (C), but no CE Marking.

This is a CETOP statement for the time being. After the definition of “machinery” has been clarified this CETOP statement may need to be modified.

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CETOP WG “European Directives”