

Volume 2
Issue 4

Use PED conforming accumulators in European Economic Area (EEA) Countries:

- Austria
- Belgium
- Denmark
- Finland
- France
- Germany
- Greece
- Ireland
- Italy
- Luxembourg
- Netherlands
- Portugal
- Spain
- Sweden
- United Kingdom
- Iceland
- Liechtenstein
- Norway



Pressure Equipment Directive – Part 1

By Paul Sakowicz

For many years, supplying accumulators to Europe has been a difficult and tedious task. Practically every country had their own pressure vessel regulations designed to protect native industries and keep competitors out. Complying with the myriad of regulations was costly for both component manufacturers and builders of equipment.

But, hope is on the way. Member countries of the European Economic Area (EEA) have worked out a new standard called the Pressure Equipment Directive (PED). PED supersedes such standards as TUV, Lloyds, DNV, ISPESEL, DRIR, and many others. As of May 30, 2002 providing accumulators on equipment supplied to EEA countries must comply to PED 97/23/EC and conforming accumulators will bear the CE marking (see figure 1) on 1 liter sizes and greater. The new PED standard will greatly simplify transnational commerce to EEA countries for machinery builders

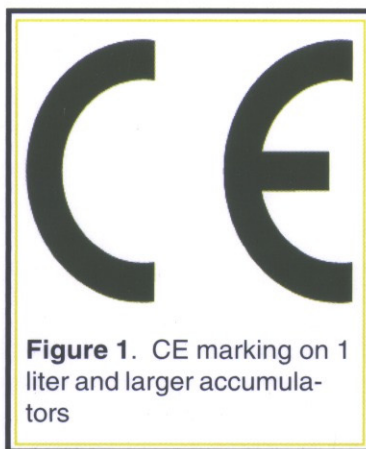


Figure 1. CE marking on 1 liter and larger accumulators

and component suppliers like Parker Hannifin.

What do you need to know about supplying accumulators that end up in EEA countries?

- After May 30, 2002 all EEA countries will only accept accumulators designed and accepted to the criteria of PED.
- We are fully PED compliant. However, customers must order under different part numbers than our standard product. Please call us for assistance on all applications and projects going to EEA countries.
- All accumulators, greater than 1.5 bar ab-

solute (22 psia) must conform to PED.

- Accumulators having 1 liter of gas volume or greater must be CE marked. Accumulators less than 1 liter, up to 1000 bar rated pressure, cannot be CE marked, yet still must comply with PED regulations.
- We have two pressure ratings available, 250 bar (3625 psi) and 350 bar (5075 psi) on piston accumulators. Call us on diaphragm and bladder accumulators.
- The regulatory requirements make them more expensive than our standard product offering.
- Installation, operating, and maintenance instructions will be supplied by us with each shipment. These instructions must be included in the maintenance manual provided by equipment builders.

For more detailed information on PED 97/23/EC, please consult <http://ped.eurodyn.com>.