

# Application News

Volume 2  
Issue 5

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

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



## Pressure Equipment Directive - Part 2

By Paul Sakowicz

**P**ED 97/23/EC, the Pressure Equipment Directive (PED), applies to pressure vessels entering European Economic Area (EEA) countries after May 30, 2002. Parker Hannifin is a fully compliant PED accumulator manufacturer. On piston accumulators we have two pressure ratings available, 250 bar (3625 psi) and 350 bar (5075 psi). Call us on diaphragm and bladder applications.

Some frequently asked questions on the PED:

**Will PED affect accumulators already in use in EEA countries?**

No. Pressure vessels put into use before May 30, 2002 may continue being used after this date.

**Do we purchase different part numbers to get PED certification?**

Yes.

**Where do I find catalogs, part numbers, and prices?**

Catalog sheets will be available shortly at <http://www.parker.com/accumulator>. Until our price list is updated, please give us a call.

**Do PED accumulators cost more?**

Pricing will be similar to previous TUV certified accumulators. However, our pricing is competitive with other alternatives in the market with much better deliveries. Your advantage is now being able to supply accumulators on applications going to any EEA country in a matter of weeks, not months.

**What fluids does PED apply to?**

PED applies to all pressure vessels entering EEA countries (with a few exceptions). The information we are providing applies to Group II non-hazardous fluids for unfired pressure vessels that are typically used in the fluid power industry. Examples of typical fluids are mineral oil, water-glycol, phosphate ester, water, and nitrogen. For any other fluids, especially flammable or oxidizing ones, please call us.

**Do I need to provide any information to Parker?**

Yes, the PED has mandated we keep records on the application and fluid type. If pre-charge is ordered, we will keep a record of it too. PED compliant accumulators must be requested via their design part numbers at time of order. Accumulators previously shipped as non-CE marked cannot be changed into CE marked units.

**What does Parker provide to comply with PED?**

We provide a safe and fully traceable product with a Certificate of Conformity and instructions for use. On units greater than one liter, we provide the CE mark. As a matter of law, accumulators under one liter do not bear the CE mark, yet materially comply with all PED provisions under Sound

Engineering Practices (SEP).

**Do my customers have any obligations under PED?**

Yes, they must update their drawings, adequately train their personnel on potential pressure hazards, and add maintenance and operating instructions to their machine manuals.

**My OEM's machine is currently being built and shipping after May 30, 2002 to an EEA country. Do I need to have PED compliant accumulators?**

Yes.

**Can used machinery be transferred freely to an EEA country?**

No, not if the accumulators are non-PED compliant. After May 30, 2002 any machinery travelling into an EEA country must comply with PED.

Disclaimer: As a service to our sales network these articles are provided for informational purposes only. We cannot accept any responsibility for its accuracy or completeness. For legal details on PED go to <http://ped.eurodyn.com>.

Figure 1.  
Sample label with CE marking.

