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September 19, 2011

## **PED COMPLIANCE UPDATE**

### **Update to Pressure Equipment Directive (PED) 97/23/EC**

#### **BLACOH Fluid Control, Inc. announces the next step regarding PED directive – Category I.**

BLACOH Fluid Control has engaged the auditing services of TUV SUD America Inc., a global leader in testing, inspection and certification, to examine our dampener and surge control products for PED compliance. Results confirmed BLACOH is authorized to sell dampeners for both dangerous and non-dangerous fluids within the scope of either Category I or SEP (Sound Engineering Practice). For BLACOH dampener models that fall under SEP guidelines, a CE mark is not required and cannot be affixed to the equipment according to PED regulations. Category I models will have the CE mark affixed to the unit (certified to Module A) and the *EC/PED Declaration of Conformity* will be shipped with the product. SEP and Category I classified equipment are not required to be directly involved with any PED Notified Body. BLACOH is allowed to self-certify for Category I and SEP. All testing and material certifications will be kept for a minimum of 10 years to comply with PED standards.

#### **Overview**

This technical bulletin provides an update concerning the next step to continue the presence of BLACOH pulsation dampeners and surge suppressors in the European Union. The PED directive is obligatory within the European Union, as well as all countries in the EEA (European Economic Area). PED standards are based on Essential Safety Requirements (ESR's) that govern all aspects of manufacturing, design, testing and inspection.

#### **Dampener Categories**

BLACOH pulsation dampeners are classified under PED (fixed equipment) as pressure accessories and are classified under Category I and SEP. Working fluids are classified under PED into 2 groups. Group 1 consists of dangerous fluids (flammable, toxic and/or oxidizing). Group 2 consists of all other fluids (non-dangerous) not covered in Group 1. End users are responsible for determining either Group 1 or Group 2 fluid category. Pressure equipment has distinct categories based on maximum allowable pressure, type of working fluid and internal free volume.

In accordance with PED guidelines, BLACOH pulsation and surge suppressors can be used with both Group 1 and Group 2 fluids for specific applications within the EEA. BLACOH products can be classified within the PED directive as either Category I (bearing the CE Mark) or SEP (not allowed to bear CE Mark). For detailed information on PED categories for Group 1 & 2 fluids and PED classifications for BLACOH products, refer to the [PED Categories & Classifications](#) document available on our web site at [www.blacoh.com/certifications.aspx](http://www.blacoh.com/certifications.aspx).

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For information or assistance, call BLACOH at 951.342.3100 (toll free 800.603.7867) or email us at [Sales@blacoh.com](mailto:Sales@blacoh.com). We sincerely appreciate your business and look forward to serving you.

#### **About BLACOH**

BLACOH is the industry standard for dampening and pulsation control. They have been in business for more than 30 years, providing smooth fluid flows for pumping systems all over the world. BLACOH's goal is to increase the productivity, safety and efficiency of fluid systems, while decreasing maintenance and operating costs. BLACOH products are designed to enhance profitability by improving pump and instrumentation performance throughout the entire process system, while significantly extending system component life. For more information, visit BLACOH's web site at [www.blacoh.com](http://www.blacoh.com).