

Declaration of Conformity

Manufacturer: TECFLUID S.A.
Narcís Monturiol, 33
E 08960 Sant Just Desvern

Equipment: Variable area flowmeter

Models: Series 2000

Declaration:

Having reviewed the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, Tecfluid S.A. considers that this device is outside the scope of the Directive 2014/34/EU, given that it does not contain any potential ignition sources. Therefore it does not require certification by a notified body or marking in conformity with the ATEX Directive.

Special emphasis has been done in the following points of the directive (Annex II):

1.1.1. The materials used for the construction of the equipment can cause an explosion.

1.3.1. Hazards arising from different ignition sources.

It does not exist any potential ignition source. Since the equipment itself does not generate any increase of heat, the maximum temperature will depend on the operating conditions (process temperature).

1.3.2. Hazards arising from static electricity.

There is a non-metallic part in the instrument. It is the protection of the metering tube. It is made of a transparent plastic. The material is methacrylate. Because the risk of ignition by electrostatic discharge when rubbing the protection cannot be avoided, the instruments include a warning label with the safety measures to be applied during service.

1.3.4. Hazards arising from overheating.

The internal part in movement of the equipment does not generate overheating.

In Sant Just Desvern
Date: June 8, 2016



Esteve Cusidó (R&D manager)