



**Declaration of electrical continuity concerning our "Hand valves, check valves, filters, sights" and considering them in potentially flammable atmospheres.**

Gisors, 20th July 2020

Dear Sir, Madam,

Please find below all information about the regulations for using Meca-Inox hand valves, valves, filters and sights in ATEX zones.

**ATEX 94/9/EC Directive replaced by 2014/34/EU Directive since July 2016 :**

Meca-Inox adopts the joint position taken by the whole profession within the framework of the European commission and distributed by the PROFLUID professional syndicate on 11th December 2014, which states that manual valves do not belong to the application field of the ATEX Directive.

Therefore, hand valves cannot and must not have the regulatory marking "Ex", nor be subject to a declaration of conformity to ATEX.

**Although not covered by the ATEX directive and not marked "Ex", this equipment (hand valves, valves, filters, sights) equipped with our "Electrical Continuity Kits", can be used in an ATEX zone under certain conditions and under the assembler's responsibility. In such a case, the users must always consider, among other things in their ATEX assessment, the risk relating to static electricity discharges.**

Moreover, we guarantee that the products we design have an **electrical resistance between the manoeuvre stem and the valve body** less than 10 ohms, so as to allow static electricity charges that could form through friction, to dissipate towards the valve body. Electrical continuity between the body and the caps is ensured by our electrical continuity kit.

**\*For use in potentially flammable atmospheres (Gas Zone 1 & 2, Dust Zone 21 & 22), Meca-Inox offers Electrical Continuity Kits for hand valves, filters and sights. Installing this KIT provides electrical continuity between the Meca-Inox body valves and their caps, with an electrical resistance of less than 10 ohms.**

**FERRAND Lionel**

Quality Director

Validity of declaration : 2021

Internal reference :  
contiatex\_200720\_V02

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