

UK Declaration of Incorporation of Partly Completed Machinery

In accordance with the Essential Health and Safety requirements of the Supply of Machinery (Safety) Regulations 2008, UK S.I. 2008:1597.

We hereby declare that the following equipment is intended to be incorporated into other machinery and must not be put into service until the relevant machinery into which it is to be incorporated has been declared in conformity with the essential requirements of the Supply of Machinery (Safety) Regulations 2008, UK S.I. 2008:1597 and its amendments.

Function : Heater for non-hazardous areas
Machine Description : PROCESS HEATER
Model : B6
Serial No : J504280

The following transposed Standards have been used :

BS EN IEC 61000-6-4 :2019	Electromagnetic Compatibility – generic emissions standard
BS EN IEC 61000-6-2 :2019	Electromagnetic Compatibility – generic immunity standard
BS EN ISO 12100 :2010	Safety of Machines – basic concepts and general principles of design
BS EN 60204-1 :2018	Safety of Machines – electrical equipment of industrial machines
UL 499:2014 Ed.14+R:23 Feb2017	Electrical Heating Appliances
CSA C22.2#88:2019 Ed2	Industrial Heating Equipment

The following components have been used:

Tubes and flanges are 304 stainless steel.
Insulation material between the tubes is Rockwool mineral insulation
Terminal box is aluminium.
Terminal blocks are ceramic with brass contact and zinc plater screw.
Cable gland is nickel plated brass with epoxy resin potting.
Heater cables are glass fibre covered nickel
K type probe is stainless steel with coated nickel and copper core wires
K type probe fitting is 304 stainless steel
element supports are 304 stainless steel.

The relevant technical documentation has been compiled in accordance with the Supply of Machinery (Safety) Regulations 2008, UK S.I. 2008:1597 PART 7 Annex VII. We undertake to supply in electronic form, in response to a reasoned request by the national authorities, relevant information on the partly completed machinery.

Signed : *S J Cullen*

Date: 30/01/2023

Name : Simon J Cullen.

Position : Managing Director

Place of issue: Mossley, UK.