

## Declaration of Conformity (PED 2014/68/EU)

Svendborg, February 25<sup>th</sup>, 2019

Product name: Micro Channel Heat Exchanger (MCHE)

Product type: C-250-XXX-XX

Aluventa A/S declares that the product above complies with the PED 2014/68/EU for use with group 1 and group 2 fluids with the following limitations:

- $PS^1 = 45 \text{ bar}$
- Burst pressure  $> 135 \text{ bar}$
- Test pressure<sup>2</sup> =  $50 \text{ bar} = (1.1 \times PS)$
- $P_{\text{min}} = -1 \text{ bar}$
- $TS^3 \text{ min/max} = -30 - 120 \text{ }^\circ\text{C}$

Specifically the products are covered by article 4 section 3 in the PED 2014/68/EU:

“Pressure equipment and assemblies below or equal to the limits set out in points (a), (b) and (c) of paragraph 1 and in paragraph 2 respectively shall be designed and manufactured in accordance with the sound engineering practice of a Member State in order to ensure safe use. Pressure equipment and assemblies shall be accompanied by adequate instructions for use. Without prejudice to other applicable Union harmonisation legislation providing for its affixing, such equipment or assemblies shall not bear the CE marking referred to in Article 18.”

Jesper Bech-Madsen

R&D and Quality Manager



Claus Christensen

Managing Director



<sup>1</sup> “maximum allowable pressure PS” means the maximum pressure for which the equipment is designed, as specified by the manufacturer, and defined at a location specified by him, being either the connection of protective and/or limiting devices, or the top of equipment or, if not appropriate, any point specified (PED 2014/68/EU article 2)

<sup>2</sup> “pressure” means pressure relative to atmospheric pressure, i.e. gauge pressure. As a consequence, vacuum is designated by a negative value (PED 2014/68/EU article 2).

<sup>3</sup> “maximum/minimum allowable temperature TS” means the maximum/minimum temperatures for which the equipment is designed, as specified by the manufacturer (PED 2014/68/EU article 2).