Declaration of **Conformity**

delta-mobrey

Delta Mobrey Limited
Hudson House
Albany Park
Camberley
Surrey, GU16 7PL
United Kingdom

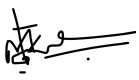
Declares under our sole responsibility as the manufacturer that the product:

Mobrey™ MSM400 Suspended Solids Density Monitoring System

that this declaration relates to, conforms to the requirements of the applicable Regulations of the United Kingdom, including the latest amendments, as detailed in the attached schedule.

Presumption of conformity is based on the use of the designated standards and other technical documentation, and when applicable or required certification issued by a United Kingdom approved body, as detailed in the attached schedule.

Signed



Name: **Dr. Kapila Mediliyegedara**
Designation: **Certification Manager**
Date: **22/05/2025**
Place of Issue: **Camberley, Surrey**

UKCA

MSM 400 Series

UK Declaration of **Conformity**

delta-mobrey

Schedule

Description: MSM400 Ultrasonic Sensor and Controller is used for continuous monitoring of sludge density or suspended solids.

Regulation: Electrical Equipment (Safety) Regulations 2016 - (S.I. 2016 No. 1101, as amended)

Models: Controller: MSM400**, MSM401/S1.

Conformity Assessment: Module A.

Standards: EN 61010-1:2010/A1:2019/AC:2019.

Self certified by Delta Mobrey Ltd in accordance with S.I. 2016 No. 1101.

Regulation: Electromagnetic Compatibility Regulation 2016 (S.I. 2016 No. 1091, as amended)

Models: Controller: MSM400**, MSM401/S1; Sensors: MSM433******, MSM448******.

Conformity Assessment: Module A.

Standards: BS EN 61326-1:2013 (Class A).

Self certified by Delta Mobrey Ltd in accordance with S.I. 2016 No. 1091.

Regulation: Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 (S.I. 2016 No. 1107, as amended)

Models: Sensors: MSM433A***** and MSM448A*****.

Provisions of the Regulation fulfilled by the Equipment:

II 1G Ex ia IIC T3 Ga (-40°C ≤ Ta ≤ +150°C)
Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +120°C)
Ex ia IIC T5 Ga (-40°C ≤ Ta ≤ +85°C)
Ex ia IIC T6 Ga (-40°C ≤ Ta ≤ +70°C)

UK Type Examination Certificate:

ITS21UKEX0388X

Standards:

BS EN IEC 60079-0:2018, BS EN 60079-11:2012,

Approved Body for UK-Type Examination:

Intertek Testing & Certification Ltd, Leatherhead, Surrey, KT22 7S, UK
Approved Body No 0359

Approved Body for production:

SGS United Kingdom Ltd , Buxton, United Kingdom, Approved Body No 1180

UKCA

MSM 400 Series

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Schedule

Models: Controller: MSM400**

Provisions of the Regulation fulfilled by the Equipment:

II (1)G [Ex ia Ga] IIC (-40°C ≤ Ta ≤ +55°C)

UK Type Examination Certificate:

ITS21UKEX0389X

Standards:

BS EN 60079-0:2018, BS EN 60079-11:2012,

Approved Body for UK-Type Examination:

Intertek Testing & Certification Ltd, Leatherhead, Surrey, KT22 7S, UK.

Approved Body No: 0359

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MSM 400 Series