

EU TYPE EXAMINATION CERTIFICATE - PRODUCTION TYPE

Certificate No:
PEDB000005B

This is to certify:

That representative samples of the product(s) **Assembly**

with name and/or type designation(s)
Compact Metering Skid

Manufactured by
M+F Technologies GmbH
Helbingtwiete 5, 22047, Hamburg, Germany

has been assessed with respect to the conformity assessment procedure described in Annex III Module B Production Type of Directive 2014/68/EU on Pressure Equipment, and found to comply with the requirements in Annex I – Essential Safety Requirements of the Directive.

Further details are given overleaf

This Certificate is valid until **2034-05-22**.

Issued at **Høvik** on **2024-05-23**



for the Notified Body 0575
DNV AS

Bosman van der Merwe
Head of Notified Body

Lack of fulfilment of conditions as set out in the Product Certification Agreement may render this Certificate invalid.
The digitally signed and electronically distributed document is the original and valid certificate.

DNV AS, Veritasveien 1, 1363 Høvik, Norway. Tlf.: +47 67 57 91 00. Email: PED@dnv.com

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Jurisdiction

Application of Directive 2014/68/EU and Norwegian Regulation FOR-2017-10-10-1631 "Forskrift om trykkpåkjent utstyr", as amended, issued by the Norwegian Directorate of Civil Protection and Emergency Planning and by the Petroleum Safety Authority Norway.

Certificate history

Revision	Description	Issue Date
-	Original certificate	2024-05-23

Products covered by this Certificate

Product Name	Product Description	Unique product ID	PED Category	Product Std.
Compact Metering Skid	Assembly	*	I to IV	AD 2000

Design Data

Product Name	Max. allowable Pressure (PS)	Min. allowable Temperature	Max. allowable Temperature (TS)	Test Pressure
Compact Metering Skid	25 bar	-45°C	+240°C	**

Design Data

Product Name	Volume	DN	Fluid	Fluid Group
Compact Metering Skid	-	DN 50-300	ethanol, mineral oil, etc.	1

Prototype Test reference

Site Name	Site Address	Inspected by	Date	Report ID
M+F Technologies GmbH	Helbingtwiete 5, 22047, Hamburg, Germany	DNV Hamburg	2014-05-16	14-041770

Documents Reviewed

Reference is made to Design Review Report No. 341.4-001596-1-J-2, dated 2024-05-15.

- Variant 1: CMS with filter and hand-operated ventilation
- Variant 2: CMS with filter and automatic ventilation
- Variant 3: CMC with combination filter/gas separator device
- Variant 4: CMC with filter and gas separator
- Variant 5: CMC with filter water separator
- Variant 6: CMC without installations

Applications/Limitations

- This Certificate only relates to directives described above. Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.
- All loading types that are not covered in the design, e.g. cyclic loading, environmental loading (snow, wind, earthquake), nozzle loading.
- * Marking will be made according to name plate drawing and document number 00645-0001-0049 rev.1 dated 2024-02-29.
- ** Test pressure shall be according to Annex I, Section 7.4 PED 2014/68/EU and document number 0852-0015-0049 rev.0 dated 2017-03-20.

Terms and conditions

Valid Terms and Conditions are found in the Product Certification Agreement which includes DNV's PED Certification Requirements.

This Certificate alone does not give the right to CE mark and put the product(s) listed in this Certificate on the market. Only after the product(s) have been found to comply with the requirements in one of the following Conformity Assessment Modules C2 or E (if product category III), D or F (if product category IV) the Manufacturer may draw up an EU declaration of conformity and legally affix the CE mark followed by the identification number of the Notified Body involved in these modules.