




**BUREAU  
 VERITAS**

**EU-TYPE EXAMINATION CERTIFICATE – production type  
 N° CE-0062-PED-B3.1-ORE 001-21-DNK**

Bureau Veritas Services SAS, acting within the scope of its notification (notified body number 0062), attests that the production type identified hereunder has been examined against the provisions of annex III, module B3.1, of the Pressure Equipment Directive n° 2014/68/EU, and found to satisfy the provisions of the directive which apply to it.


Manufacturer (name):	ORECO A/S
Address:	Oldvej 1A 3540, LYNGE, Denmark
Trading Name - Mark:	As above 
Equipment description:	PSA Oxygen / Nitrogen Generators
Identification of the approved production type:	PSA Oxygen / Nitrogen Generators
Versions covered by the approved production type:	Oxygen : O2 to O200 Nitrogen : N4 to N1100

View other data on the back of this page.

This certificate, which is valid for 10 years and renewable upon request, is valid, unless changes in the state of the art can challenge the approved production type, until (dd/mm/yyyy): 30/09/2031

This certificate shall be deemed to be void and the manufacturer shall alone bear any consequences pursuant to its use, in case of modification to the production type of the equipment, or changes in the state of the art, where this may affect conformity with the essential safety requirements or the prescribed conditions for use of the equipment, and generally where the manufacturer fails in particular to comply with any of his obligations under directive nr 2014/68/EU of 15 may 2014 as transposed in the applicable law(s).

Date of inspection (dd/mm/yyyy):	06/05/2021
Surveyor:	HENRIK NAABYE

Made at	On (dd/mm/yyyy)	Approved and Recorded in	Signed by	Signature authorised by Notified Body No 0062
Puteaux	01/10/2021	France	REGIS DUCHEMIN	

Registration Code: 2021/002038/CE-0062-PED

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Other information (where applicable):	N/A
For the activity carried out for the issuance of the present certificate, the following manufacturer's technical book was taken as reference:	EN13445, ISO 4126-7, EN 13136
Existence of an annex to the EU – type examination certificate – production type	No

### List of the relevant parts of the technical documentation

Relevant documentation for the PSA Oxygen and Nitrogen generators:

Technical documentation:

- Tech Docs Assemblies 2014\_68\_EU - Oreco 2021 09 01

Lists of pressure equipment and safety valves included in the assembly:

- Product Line Specification List Nitrogen - overview compact 2021 09 07
- Product Line Specification List Oxygen - overview compact 2021 09 23

Design drawings:

- PID-PSA Generator Rev.0
- 0000.M32.AS.140 Rev.00 - O14 Assembly
- 0000.M32.SP.140 Rev.00 - O14 Pipe Bottom
- 0000.M32.SP.142 Rev.00 - O14 Pipe Top

User instructions:

- PSA Oxygen / Nitrogen Generator - User manual EN version 3

### List of the versions covered (where applicable)

The design conditions are the following:

PS : 8 bar

TS : +5 / °45 °C

Fluid group : 1 (Oxygen) or 2 (Nitrogen)

Nature of fluid : gas

Oxygen:

O2/O3/O5/O9/O15/O20/O22/O30/O37/O55/O75/O85/O110/O160/O200

Volume: 40 L to 4x3000 L

Nitrogen:

N4/N9/N11/N21/N30/N40/N62/N73/N92/N112/N185/N250/N420/N550/N800/N1100

Volume : 40 L to 4x3000 L