

## Declaration of safety and checklist

for all membranes and membrane modules returned for claim evaluation

To : Sales Support

From :

Company : MICRODYN-NADIR GmbH

Company:

Fax-No. : + 49 [0] 611 / 962-9295

Phone :

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Ref.- No. :  -

Customer/user: \_\_\_\_\_

Membrane module/membrane type: \_\_\_\_\_

Serial-/batch-no.: \_\_\_\_\_

Application: \_\_\_\_\_

The membrane module/the membrane is unused: Yes  No

The membrane module/the membrane has been **flushed** / **cleaned**: Yes  No

The membrane module/the membrane may contain the following hazardous substances:

Explosive Yes  No

Oxidizing Yes  No

Flammable Yes  No

Toxic Yes  No

Harmful Yes  No

Irritant Yes  No

Corrosive Yes  No

Harmful to the environment (e.g. heavy metals) Yes  No

Radioactive Yes  No

Biohazard Yes  No

For all hazardous substances the **safety data sheets** have to be submitted.

The module/test equipment is contaminated by the following deposits: \_\_\_\_\_

MICRODYN-NADIR GmbH  
Industriepark Kalle-Albert  
Kasteler Straße 45  
D-65203 Wiesbaden

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E-Mail: info@microdyn-nadir.de  
Internet: www.microdyn-nadir.de



Information regarding the **failure mode** and the **operating / cleaning parameters**  
(Please describe as thoroughly as possible)

Reason of objection: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Operating time: from: \_\_\_\_\_ (Date) (installation) until: \_\_\_\_\_ (Date) (performance loss)

Plant design/Operating- and process parameters:

1. System configuration: single-stage  multi-stage  submerged
2. Volume feed pump: \_\_\_\_\_ (m<sup>3</sup>/h) Recirculation pump: \_\_\_\_\_ (m<sup>3</sup>/h)
3. Module configuration: in series  in parallel
4. No. of modules per pressure vessel (SPIRA-CEL<sup>®</sup>-modules): \_\_\_\_\_
5. Position of the module in the system/in the pressure vessel: \_\_\_\_\_
6. Cross-flow module/pressure vessel: \_\_\_\_\_ (m<sup>3</sup>/h)
7. Transmembrane pressure module/pressure vessel: \_\_\_\_\_ (bar)
8. Pressure drop per module/pressure vessel: inlet: \_\_\_\_\_ (bar) outlet: \_\_\_\_\_ (bar)
9. Temperature: \_\_\_\_\_ (°C)
10. pH-value: \_\_\_\_\_
11. Viscosity (feed medium): \_\_\_\_\_ (mPas)
12. Concentration index/factor: \_\_\_\_\_
13. Backwashing (MICRODYN<sup>®</sup> MD-/SE-modules): Interval: \_\_\_\_\_  
Pressure: \_\_\_\_\_ (bar) Length: \_\_\_\_\_

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The following cleaning steps were carried out (cleaning parameters):

1. Frequency/duration of the cleaning (CIP-Interval): \_\_\_\_\_

2. Use of oxidizing chemicals: Yes  No

Content of free chlorine: \_\_\_\_\_ (ppmh)

3. The following chemicals (concentration) were used: \_\_\_\_\_

\_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Please note!**

Send this form first. Please wait for our approval before shipment, otherwise we will not be able to accept the delivery.

We will hold you responsible for damages to persons, equipment or environment at MICRODYN-NADIR or third parties if they are caused by incorrect information or insufficient packaging. Thank you for your support!

**No return of goods without prior approval by MICRODYN-NADIR GmbH!**

\_\_\_\_\_  
Place, date

\_\_\_\_\_  
Signature

MICRODYN-NADIR GmbH  
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