



**IS YOUR NITROGEN GENERATOR HITTING ROUGH WEATHER AS WELL?  
CALL ENITRON FOR HELP NOW!**

**Unfortunately many shipowners and fleet managers are facing serious performance problems with their shipboard nitrogen generation systems.**

**ENITRON is a competent partner with thorough understanding of your nitrogen generation equipment, who will solve your problem at the lowest cost and within the shortest possible time.**

**ENITRON will help you out.**

### **Technical Inspections**

We will inspect the nitrogen generation system installed onboard of your vessel. And we will talk to your crew to know in detail the applied maintenance procedures and to verify the maintenance log. Our findings will be presented to you in a detailed inspection report with recommendations for the necessary steps to get you nitrogen generation system back to full functionality.



### **Repair & Refurbishment**

We will not only be able to repair your nitrogen generation system, but we also will analyse the reason for its malfunctioning in order to inform you how to avoid that the same problem could happen again. If so required, we can refurbish your existing nitrogen generation equipment to extend its lifetime or increase its capacity with maximum limitation of your capital expenditures.



## Replacement Hollow-Fibre Membrane Modules

ENITRON is able to supply you any kind of replacement membrane module, independent from size or make. We will supply you the original membrane modules or a valid alternative. Each replacement project will be supported by detailed performance simulations to guarantee you a successful result.



## Carbon Molecular Sieve for PSA Generators

Also new Carbon Molecular Sieve (CMS) for your marine PSA nitrogen generator can be supplied by ENITRON. Based on our experience and competence, we will select and apply either the original CMS or an appropriate alternative type to bring your PSA system back to its original production capacity.



## Filter Elements & Activated Carbon

ENITRON will help you to reduce significantly your expenses for the acquisition of consumables, like filter cartridges for the integrated feed air conditioning on your marine PSA or membrane nitrogen generator. We can supply you all types of original OEM filter cartridges or valid alternatives with equal or even superior filtration characteristics. Should your system be equipped with a carbon tower, we can supply you the activated carbon for replacement as well.



## Other Spare Parts & OEM Components

Based on 20 years of experience with the design and manufacturing of PSA and membrane nitrogen generators, ENITRON can supply you any original spare part or OEM component of your nitrogen system at the lowest cost. This service includes also local control panels, CCR panels and bridge panels.



## Programmed Maintenance

Looking for a trouble-free operation of your marine nitrogen generation system?

ENITRON offers a worldwide service for programmed maintenance of your nitrogen generator and air compressors through its global partners at all major sea ports.

Contact us directly for more information!

© 2018 ENITRON Technologies B.V.  
ET-Service-Leaflet-Marine 10/2018

**ENITRON Technologies B.V.**

Wijnmanlaan 36  
8014 KA Zwolle – the Netherlands

Phone +31 (0)85 06 06 685  
E-Mail [info@enitron-technologies.com](mailto:info@enitron-technologies.com)

[www.enitron-technologies.com](http://www.enitron-technologies.com)