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Cert. No.: A0238165

## Verification Report

### Product Assessment

#### DELITEK AS DT-230SR MINI SHREDDER

This product have been examined and tested by DNVGL for the purpose of marine and offshore installations. It is not possible to Type approve this product due to the lack of appropriate international and class standards covering this installations. We have therefore tested the DT-230SR for marine and offshore like conditions in a suitable workshop. All measuring devices had acceptable calibration status.

Inclination test: DT-230SR was tested for operation at an angle of 22.5 degrees. Test results were satisfactory.

Measuring of noise levels at a distance 1 meter from the source: The maximum noise level measured during a normal operation cycle was below 61dBA Linear on idle operation measured for 10 sec , 68 dB average for 10 sec with "hard" waste fraction (tins) in order to simulate a kind of "worst case" scenario, however the latter just as an example.

Safety functions tested and found satisfactory.

The process is performed in an enclosed space not available for the operator during the shredder process. The product bears a CE Declaration of Conformity with respect to the EU Council Directive converted to French law Machinery Directive. This Declaration of Conformity relates to the subproducer of this product: the ECP Group, Geneston, France.

The product manual for DT-230SR, has been evaluated and found accurate.

DT-230SR meets the requirements for sorting and minimizing of garbage given in DNV Rules for Ships January 2014, Pt.6 Ch.12 Sec.3 C700-702 class notation Clean Design.

Related to the above, we find Delitek AS DT-230SR Mini Shredder fit for purpose.

  
**Frank Mikalsen**  
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 DNV GL AS



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