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Cert. No.: HRS546744

Verification Report

Product Assessment

DELITEK AS DT-200MC WASTE COMPACTOR

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-200MC for marine and offshore like conditions in a suitable workshop. All measuring devices had acceptable calibration status.

Inclination test: DT-200MC was tested for operation at an angle of 22.5 degrees. Test results were satisfactory.

Press force was tested by measuring the hydraulic pressure on the piston and using the calculation formula (total piston(s) area multiplied by pressure in Bar).

Measuring of press force: 260 Bar which indicates 9,6 tonnes (9616 kg) press force.

Measuring of noise levels at a distance 1 meter from the source: The maximum noise level measured during a normal operation cycle was below 64DbA Linear.

Safety functions tested and found satisfactory.

The product bears CE Certificate of Conformity with respect to the EU Council Directive 2006/42/EC on Machinery – reference Certificate No.89881-2010-CE-NOR-DNV.

The product manual for DT-200MC, has been evaluated and found accurate.

DT-200MC 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-200MC Waste Compactor fit for purpose.



Frank Mikalsen

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DNV GL AS

Alsvåg, Norway 2014-08-20

