Unit No. STU-01

FILTRATING UNIT

Offshore
Norsok Z-015 Type Z Zone 2
Acc. DNV 2.7-1
ATEX

<table>
<thead>
<tr>
<th>Dimension</th>
<th>L 3674 mm</th>
<th>W 2438 mm</th>
<th>H 3000 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>9000 Kg</td>
<td></td>
<td>MGW: 12 000 Kg</td>
</tr>
<tr>
<td>Lifting/Transportation</td>
<td>Løfteskrev og trucklommer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ref. cert./ser.</td>
<td>STU-01 / NOG-08-13 CP01</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Operation temperature</th>
<th>-5 til +35 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design pressure</td>
<td>10 bar</td>
</tr>
<tr>
<td>Treatment capacity</td>
<td>20 m³/h</td>
</tr>
<tr>
<td>Minimum Air Inlet</td>
<td>34,5 Nm3/t</td>
</tr>
<tr>
<td>Fresh Water Inlet</td>
<td>100 l/t</td>
</tr>
</tbody>
</table>

Inlet: Storz fire coupling 2” w/ transition to 2” Camlock Male
Discharge: Storz fire coupling 2” w/ transition to 2” Camlock Male
Return: Storz fire coupling 2” w/ transition to 2” Camlock Male
Sludge: Storz fire coupling 2” w/ transition to 2” Camlock Male
Decanter Supply (opt.): Storz fire coupling 2” w/ transition to 2” Camlock Male
Decanter Return (opt.): Storz fire coupling 2” w/ transition to 2” Camlock Male
Air Supply: Storz fire coupling 2” w/ transition to 1” Claw offshore
Water Supply: Storz fire coupling 2” w/ transition to 1” Claw offshore
Voltage Range: 400-480V 32A 50-60Hz 16 kW

Centrifugal pump:
- 2 x Grundfos TP80-140/2 XE-F-B BAQV Ser. no: 97823667
  400Y 2,20kW 50Hz
- 1 x Grundfos TP40-360/2 XE-F-B BAQV Ser. no: 98137556
  400Y 3kW 50Hz
- 2 x Grundfos TP32-380/2 XE-F-B BAQV Ser. no: 97798218
  400Y 3kW 50Hz

Other information:
Unit used to filter slop-water (oily water, etc.) so that some content may eventually be emptied at sea (for purity control ring).
Using the unit becomes much smaller amounts of slop water that must be sent to shore for disposal.

Build: 2013