



# Design Appraisal Document

1Lloyd's Register EMEA  
Copenhagen Technical Support Office  
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Denmark  
copenhagen-technical-support@lr.org

Date  
19 May 2020

Please quote this reference number on all future communications  
M/I122188/2000260/JLJ

## Machinery General Design Appraisal

Client : CC Jensen A/S, Svendborg, Denmark  
Manufacturer : CC Jensen A/S, Svendborg, Denmark  
Subject : Type PTU 15-25 – Filter Separator – Diesel  
Type PTU 15-25 PV – Off-line Filter Separator – Hydraulic

This Machinery General Design Appraisal is valid for a period of 5 years from the date of issue or until a change of the Rules, whichever comes first.

1. The Documents listed in paragraph 1 of the appendix have been examined for compliance with **LR Rules and Regulations for the Classification of Ships July 2019 incorporating Notice No. 1, 2, 3 and 4, Part 5, Chapters 11, 12, 13 and 14** as applicable and have been assigned an appraisal status as indicated subject to the following:

### 2. Product Description

Makers Designation : CJC PTU 15/25  
Class : III (piping)  
Design Pressure :  $\leq 0.4$  MPa  
Design Temperature :  $\leq 60$  °C  
Function : Filtration of light distillates (MDO, MGO, MSD)

Makers Designation : CJC PTU 15/25 PV  
Class : III (piping)  
Design Pressure :  $\leq 0.4$  MPa  
Design Temperature :  $\leq 60$  °C  
Function : Filtration of hydraulic-, lube-, gear- and turbine oils with high water content

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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### 3. Comments

- 3.1. Lloyd's Register must be advised of any design or material modifications. Failure to do so will render this general approval invalid.
- 3.2. Please observe that the requirements of the European Directive "The Marine Equipment Directive" will be applicable for installations on board all EU Flag vessels.
- 3.3. The items referred to in this document are approved for installation on a ship which is classed by Lloyd's Register.



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## Appendix

1. The documents listed below have been examined

Document No.	Rev.	Title	Status	Date
7001198	-	PTU 15/25 Certificate VIII	A	19-May-2020
7001199	-	PTU 15/25 – H1 – Certificate VIII	A	19-May-2020
61400002	D	General arrangement	SI	19-May-2020
61400004	D	General arrangement	SI	19-May-2020
4605002	J	CJC Fine Filter Type HDU/PTU 15/25	SI	19-May-2020
4800811	C	Hus el-forvarmer	A	19-May-2020
4300904	B	Coalescer Kit for HDU/PTU 15/25 PV, assembly	SI	19-May-2020
1802110	F	Hus for HDU 15/25 M02	A	19-May-2020
1200134	D	Stagbolt for HDU 15/25 M2000	A	19-May-2020
1400155	B	Dæksel for HDU 15/25 MO2	A	19-May-2020

2. The documents listed below have been considered together with the submitted documents in the appraisal

Document No.	Rev.	Title
PSST1015-UK	09.04.2008	PTU 15/25 Product Sheet
PSST1016-UK	09.04.2008	PTU 15/25 PV Product Sheet
700645	-	Legend

### Appraisal Status Key

- A Approved - provided the arrangements are to the surveyor's satisfaction  
SI Retained as supporting documentation for information only

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