



Design Appraisal Document

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Date
02 October 2017

Please quote the document number on all future communications

FIRE DOORS AND DAMPER MONITORING SYSTEM (FDMS) GENERAL APPROVAL

The Document(s) listed in paragraph 1 of the appendix have been examined for compliance with:

- Lloyd's Register Rules and Regulation for the Classification of Ships, July 2017, Part 6, Chapters 1 and 2;

and are considered as generally approved, under the following conditions:-

1. Conditions to the approval:
 - 1.1 The equipment used for the proposed system is to be selected demonstrating its suitability for the intended installation. LR Type Approval Certification may be used to demonstrate such suitability.
 - 1.2 System Configuration Management needs to be addressed and traceability of components configuration is to be available at system level.
 - 1.3 The approval of each project needs to follow the appraisal and testing witnessing process as specified by the applicable LR Rules.



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October-02, 2017

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

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Appendix

1. The documents listed below have been examined:

Document No.	Rev.	Title
70-0668-STF-R01	01	MARTEC POWER BUS FOR HVAC DAMPER CONTROL PRINCIPLE DESIGN SPECIFICATION
60-0122-S-R07	07	FIRE DOOR/DAMPER MONITORING SYSTEM (FDMS) TECHNICAL SPECIFICATION
60-0122-PGC-R00	00	FDMS SOFTWARE QUALITY PLAN
70-0668-FME-R01	01	MARTEC POWER BUS FOR HVAC DAMPER CONTROL FAILURE MODE AND EFFECT ANALYSIS

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