



LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issue by: Americas Technical Support Office
Issued to: Kobelt Manufacturing Co. Ltd.
For: Steering and Engine Control Equipment

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Type Approval Application Checklist	18 October 2023
Production Quality Assessment Report for Manufacturing Plant in Surrey, BC, Canada	11 January 2024
Production Quality Assessment Report for Manufacturing Plant in Pickering, ON, Canada	13 June 2024
6511-ap8-product-spec-sheet, Model 6511-AP8 Alarm Panel	June 2012
6511-AP8-S, Steering Alarm Panel, Rev. B	20 January 2014
6511-APS10_GA, Alarm Panel Engine, Rev. A	19 October 2020
6657-product-datasheet, 6657 - Integrated Steering & Propulsion Electronic Control, Rev. 2	March 2020
7181-product-datasheet, Model 7181 Integrated Follow-Up and Non Follow-Up Control	January 2010
PDS-7196, Jog Lever, Rev. A	July 2022
7197-product sheet, Model 7197 Single FFU/Jog Combination Controller	April 2008
7198-product spec sheet, Model 7198 Dual lever FFU/Jog Combination Controller	September 2008
MNL-6570, 6570 Electronic Control Head Owner's Operation, Installation & Maintenance Manual, Rev. A	-
PDS-6570, Electronic Propulsion Control Head, Rev. A	-
PDS-7175, Analog Indicators, Rev. B	February 2022
PDS-7180, Rudder Angle Indicator, Rev. C	March 2022
PDS-7195, Stacked Long Handle FFU Lever, Rev. A	May 2020
PDS-6511-AP, Alarm Panel, Rev. A	December 2023
LR 11_60001 Renewal submission Master list	-

TEST REPORT

E10996-2302, E10996-2302_Kobelt_Steering System, Rev. 1.0	22 August 2023
30.00.21010-1, Test Report - LabTest - 30.00.21010-1_Rev.0_Kobelt - LR	18 April 2022
30.00.21010-2, Test Report - LabTest - 30.00.21010-2_Rev.0_Kobelt - IEC	18 April 2022
30.00.21114-1, Test Report - LabTest - 30.00.21114-1_Rev.0 - Vibration Test Report	29 September 2022
30.00.21599-1, Test Report - LabTest - 30.00.21599-1_Rev.0	22 March 2023
9669-1S, Environmental Test, Rev. 0	23 August 2010
E10996-2105, Test Report - QAI - E10996-2105 IP56 Report, Rev. 1	14 March 2022
E10996-2101, Test Report - QAI - Electromagnetic Compatibility, Rev. 1.0	14 April 2021
E10996-2107, E10996-2107Kobelt_Steering Rudder Angle Indicator_Rev 2.0	19 April 2023
E10996-2403, Vibration Test	19 April 2024



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Certificate No: LR2481998TA
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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register Canada Limited reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

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