Certificate No: LR26125816TA
Issue Date: 15/04/2026
Expiry Date: 14/04/2031

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**VOLKTEK CORPORATION**
Address	4F, No.192, Liancheng Rd., Zhonghe, New Taipei City, 23533, Taiwan
Place of Production	VOLKTEK CORPORATION (Factory) No.17-1, Guotai Rd, Zhunan, Miaoli, 350, Taiwan
Type	Managed Ethernet Switches
Description	9065-8T2GS-MR L2+ Managed 8 x 10/100 RJ45 & 2 x FX/GbE SFP Industrial Switch
Trade Name	9065-8T2GS-MR
Type	Unmanaged Ethernet Switches
Description	INS-8405EM Connection Speeds: 10/100/1000 Mbps INS-8005EM Connection Speeds: 10/100 Mbps
Trade Name	INS-8405EM and INS-8005EM
Application	Marine applications for use in environmental category ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification No.1, July 2024.

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CHETAN WAGH

Senior Specialist Electrical & Control to Lloyd's Register Marine and Offshore India LLP

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Specified Standard IACS UR E10, Rev. 10.

Ratings

9065-8T2GS-MR
Input Voltage - 12-48VDC (Nominal 24VDC for marine use)
Power Consumption - 18W

INS-8005EM & INS-8405EM
Input Voltage - 12-48VDC (Nominal 24VDC for marine use)
Power Consumption - 3W

Additional Tests Low temperature test: -25°C for 16 hours

Other Conditions

1. Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR.

2. If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document TSO-25-042930-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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