Certificate No: LR22413551LNG
Issue Date: 12/10/2022
Expiry Date: 11/10/2027

Certificate of General Approval for LNG Containment System Component

This certificate is issued to the company below to certify that the undernoted LNG system components has been examined for conformity with Lloyd's Register's "Rules and Regulations for the Construction and Classification of Ships for the Carriage of Liquefied Gases in Bulk", together with the relevant Gaz Transport & Technigaz (GTT) specifications and have been found to be acceptable.

Manufacturer	**Woo Sung Insulation Industry**
Address	132, Myeongnyesandan 5-ro, Jangan-eup, Gijang-gun, Busan, 46028, South Korea
Place of Production	Woo Sung Insulation Industry 132, Myeongnyesandan 5-ro, Jangan-eup, Gijang-gun, Busan, 46028, South Korea
Product Name	**Flexible Insulating Material (Type-F)**
Product Type	Insulating Material - Flexible
Approval Documentation	• KOMERI's Test Report No. 0101-17T1384-2, dated 29 Sep 2017 • FITI's Fire Test Report No. M270-17-07899, dated 20 Jul 2017 • KCL's Thermal Conductivity Report No. CT17-058053, dated 24 May 2017
Reference Documentation	Insulating Material - Flexible GTT Specification No. M3504, Rev. A (Jan 2007)
Application	The product listed above may be used as indicated on approved drawings for vessels classed with Lloyd's Register in GTT NO96 membrane LNG containment system. If either the GTT reference documentation mentioned above is altered to a later version, or if the product listed above change in design or composition, this certificate becomes invalid.

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Dariusz Boryszewski

Containment Systems Lead Specialist to
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