



CERTIFICATE OF APPROVAL LRQA Nederland BV hereby certifies that the company:

Samsung Heavy Industries Co., Ltd. – Geoje Shipyard 80, Jangpyeong 3-ro, Geoje-si, Gyeongnam 53261, Republic of Korea

has furnished proof to fulfil the quality requirements for welding according to:

ISO 3834 – 2 : 2021 Quality requirements for fusion welding of metallic materials - Part 2: Comprehensive quality requirements in the extent mentioned on the schedule of this certificate.

This certificate is valid only in association with the certificate schedule bearing the same number.

Approval Certificate No: PRJ111000402100- SEO2314046/1 Geoje	Original Approval	:	24 April 2014
	Current Certificate	:	29 March 2023
	Certificate Expiry	:	28 March 2028

Thirumal Valavan Decision Maker on behalf of LRQA Nederland B.V.

Page 1 of 2

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam, a subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.





CERTIFICATE SCHEDULE PRJ111000402100-SEO2314046/1 Geoje

Samsung Heavy Industries Co., Ltd. – Geoje Shipyard 80, Jangpyeong 3-ro, Geoje-si, Gyeongnam 53261, Republic of Korea

ISO 3834-2:2021 Scope of Activity

Type of products

Offshore and industrial ships including drill ship, oil and gas FPSO, FSO and RIG, LNG/LPG carrier, pressurized natural gas hydrate carrier, RO-RO, passenger ferry and cruises ship, offshore/onshore facilities such as modules, jackets, platforms, petrochemical process equipment, power generation equipment, barge, mounted plant, cargo & material handling system, steel bridges, steel building structures and marine equipment. EN15085, ISO/TS29001, Norsok Standard (M101, M601), Class Rule, API, AWSD14.6

Product standards

Parent materials groups (ISO/TR 15608)

1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 3.1, 5.1, 5.2, 7.1, 7.2, 8.1, 8.2, 10.1, 10.2, 11.1, 34, 37, 42, 43, 44, 45, 51.1

Welding and allied processes (ISO 4063)

111, 114, 121, 124, 131, 135, 136, 138, 141, 142, 153, 73,523, 783, 785, 786, 81, 833, 871, 912

Welding Co-ordinator(s)

Name	Qualification		
Mr. Taeuk Park	International Welding Engineer of IIW		
Mr. Yongmyung Yu	(KR-TA-KWE-20120831-434 IIW) International Welding Engineer of IIW (KR-TA-KWE-20120831-418 IIW)		
Approval Certificate No: PRJ111000402100- SEO2314046/1 Geoje	Original Approval	:	24 April 2014
	Current Certificate	:	29 March 2023
	Certificate Expiry	:	28 March 2028

Thirumal Valavan Decision Maker on behalf of LRQA Nederland B.V. Page 2 of 2

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam, a subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.





CERTIFICATE OF APPROVAL LRQA Nederland BV hereby certifies that the company:

Samsung Heavy Industries Co., Ltd. – Chilseo Factory 89, Gongdanseo 2-gil, Chilseo-myeon, Haman-gun, Gyeongnam 52001, Republic of Korea

has furnished proof to fulfil the quality requirements for welding according to:

ISO 3834 – 2 : 2021

Quality requirements for fusion welding of metallic materials - Part 2: Comprehensive quality requirements

in the extent mentioned on the schedule of this certificate.

This certificate is valid only in association with the certificate schedule bearing the same number.

Approval Certificate No: PRJ11100362100- SEO2314046/1 Chilse	Original Approval	:	29 March 2023
	Current Certificate	:	29 March 2023
	Certificate Expiry	:	28 March 2028

Thirumal Valavan Decision Maker on behalf of LRQA Nederland B.V.

Page 1 of 2

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.





28 March 2028

:

CERTIFICATE SCHEDULE PRJ11100362100-SEO2314046/1 Chilseo

Samsung Heavy Industries Co., Ltd. – Chilseo Factory 89, Gongdanseo 2-gil, Chilseo-myeon, Haman-gun, Gyeongnam 52001, Republic of Korea

ISO 3834-2:2021 Scope of Activity

Ferrous and non-ferrous material pipes for ships and offshore projects. Type of products EN15085, ISO/TS29001, Norsok Standard (M101, M601), Class Rule, API, **Product standards** AWSD14.6 Parent materials groups Welding and allied processes (ISO/TR 15608) (ISO 4063) 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 3.1, 5.1, 5.2, 7.1, 7.2, 121, 136, 141 8.1, 8.2, 10.1, 10.2, 11.1, 34, 37, 42, 43, 44, 45, 51.1 Welding Co-ordinator(s) Name Qualification Mr. Chul-Ho Cho International Welding Engineer of IIW (D-SLV-47057-1173-050226-0520066 IIW) Approval Certificate No: **Original Approval** 29 March 2023 : PRJ11100362100-SEO2314046/1 Chilseo Current Certificate 29 March 2023 :

Certificate Expiry

Thirumal Valavan Decision Maker on behalf of LRQA Nederland B.V. Page 2 of 2

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.