



KOREAN PLAN APPROVAL OFFICE

Attn. : Mr. I. G. Kim / General Manager

Design & Technical Sales Team

KYUNG NAM DRYER CO. LTD.

21730W/22944R

O/REF. : KPO/13/02885/HEO/mn

Busan, JuLY 24, 2013

SUBJECT : HHI Hull No.2565/2567 – 162,000 m3 LNG Carrier

REF. : Your letters, KND13-0718-001 dated July 18, 2013

Dear Sir,

Further to your letter in reference, please find herewith enclosed one (1) copy of the following reviewed drawing together with our following observation

<u>DWG. NO.</u>	<u>Rev. No.</u>	<u>DESCRIPTION</u>
KHDM700-CO-001	-	Control Air Dryer (Model : KHDM-700)

- Please be informed that the above-mentioned drawing has been approved on the basis of Lloyd's Register (LR) approval of HN.2558/2566 and in accordance with "M. O. U" (Memorandum of Understanding) between BV and HHI.

Rules Applicable : Pt. C, Ch. 1 of BV 2011 edition

Your correspondent,

Sung-Gon, Heo
Mach. Surveyor / KPO

Yours faithfully,

Bong-Kyun, Park
Head of Korean Plan Approval Office

Encl. : 1 Dwg.

C.C. : BVN (Ltr. + 1 Dwg.)
BV HHI (Ltr. + 1 Dwg.)

☒ If you have any question, please contact Mr. S. G. Heo ☎ +82 (0) 51 640 2747





MARINE DIVISION

Certificate number: 4315PSN13

www.veristar.com

CERTIFICATE FOR AIR RECEIVER

Manufacturer : KYUNG NAM DRYER CO., LTD. (GOYANG (GYEONGGI) - KOR)
Shipyard : HYUNDAI HEAVY INDUSTRIES CO., LTD. (Ulsan - KOR)
BV Register N° : 21730W **Hull N°** : 2565
Requirements : Bureau Veritas Rules for the Classification of Steel Ships (Jul. 2011)

Product description : **PRESSURE VESSEL FOR CONTROL AIR DRYER**
Design review : Reference(s) : 21730W: KHDM700-CO-001 (Rev.0); KPO/13/02885/HEO/MN ON 24/07/2013
Quantity : 8 pcs

Drawing number & revision : KHDM350-CO-001(KHDM-350), KHDM700-CO-001(KHDM-700)
Body material grade : Shell - JIS G3454 STPG370, Head - JIS G3103 SB410
Volume(Liters) : 74(for KHDM-350), 155(for KHDM-700)
Wall thickness(mm) : 9.3(for KHDM-350), 12.7(for KHDM-700)
Design pressure / Test pressure : 9.0 / 13.5bar
Description :
 *6pcs of pressure vessel(Model:KHDM-350) : Serial No.: 130610-A/B, 130611-A/B, 130612-A/B
 *2pcs of pressure vessel(Model:KHDM-700) : Serial No.: 130613-A/B

Enclosures / Remarks :

This certificate is issued by Bureau Veritas as per the above Classification Rules and in compliance with the applicable technical requirements therein.

Marking : 4315PSN13 on metal tag
Last survey : 17 Jul 2013
Surveyor : In-Ho Lee

Issuance date : 06 Aug 2013
Office : BV PUSAN



This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine Division available on the internet site www.veristar.com. Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgment, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.



KOREAN PLAN APPROVAL OFFICE

Attn. : Mr. I. G. Kim / General Manager

Design & Technical Sales Team

KYUNG NAM DRYER CO. LTD.

21730W/22944R

O/REF. : KPO/13/02885/HEO/mn

Busan, JuLY 24, 2013

SUBJECT : HHI Hull No.2565/2567 – 162,000 m3 LNG Carrier

REF. : Your letters, KND13-0718-001 dated July 18, 2013

Dear Sir,

Further to your letter in reference, please find herewith enclosed one (1) copy of the following reviewed drawing together with our following observation

<u>DWG. NO.</u>	<u>Rev. No.</u>	<u>DESCRIPTION</u>
KHDM700-CO-001	-	Control Air Dryer (Model : KHDM-700)

- Please be informed that the above-mentioned drawing has been approved on the basis of Lloyd's Register (LR) approval of HN.2558/2566 and in accordance with "M. O. U" (Memorandum of Understanding) between BV and HHI.

Rules Applicable : Pt. C, Ch. 1 of BV 2011 edition

Your correspondent,

Sung-Gon, Heo
Mach. Surveyor / KPO

Yours faithfully,

Bong-Kyun, Park
Head of Korean Plan Approval Office

Encl. : 1 Dwg.

C.C. : BVN (Ltr. + 1 Dwg.)
BV HHI (Ltr. + 1 Dwg.)

☒ If you have any question, please contact Mr. S. G. Heo ☎ +82 (0) 51 640 2747





MARINE DIVISION

Certificate number: 2723PSN14

www.veristar.com

CERTIFICATE FOR AIR RECEIVER

Manufacturer : KYUNG NAM DRYER CO., LTD. (GOYANG (GYEONGGI) - KOR)
Shipyard : HYUNDAI HEAVY INDUSTRIES CO., LTD. (Ulsan - KOR)
BV Register N° : 22944R **Hull N°** : 2567
Requirements : Bureau Veritas Rules for the Classification of Steel Ships (Jul. 2011)

Product description : **PRESSURE VESSEL for CONTROL AIR DRYER**
Design review : Reference(s) : 21730W: KHDM700-CO-001 (Rev.0)
Quantity : 8 pcs

Drawing number & revision : KHDM350-CO-001(KHDM-350), KHDM700-CO-001(KHDM-700)
Body material grade : Shell - JIS G3454 STPG370, Head - JIS G3103 SB410
Volume(Liters) : 74(for KHDM-350), 155(for KHDM-700)
Wall thickness(mm) : 9.3(for KHDM-350), 12.7(for KHDM-700)
Design pressure / Test pressure : 9.0 / 13.5bar
Description :
 *6pcs of pressure vessel(Model:KHDM-350) : Serial No.: 140307-A/B, 140308-A/B, 140309-A/B
 *2pcs of pressure vessel(Model:KHDM-700) : Serial No.: 140310-A/B

Enclosures / Remarks :

This certificate is issued by Bureau Veritas as per the above Classification Rules and in compliance with the applicable technical requirements therein.

Marking : 2723PSN14
Last survey : 11 Apr 2014
Surveyor : In-Ho Lee

Issuance date : 14 Apr 2014
Office : BV PUSAN



This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine Division available on the internet site www.veristar.com. Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgment, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.