

## EU CERTIFICATE OF QUALITY SYSTEM APPROVAL

### In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU

This is to certify that the Quality Management System of:

**HUSTEEL Co., Ltd. – Daebul Plant**

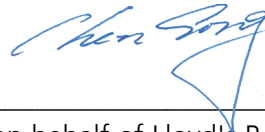
**150, Daebul sandan 3-ro, Samho-eup, Yeongam-gun, Jeollanam-do,  
58452, Republic of Korea**

has been assessed against the requirements of Annex I, Paragraph 4.3 of the Pressure Equipment Directive 2014/68/EU and EN 764-5: 2014, Article 4.2, and conforms to the requirements for the products shown below:

### **Manufactures of electric resistance welded (ERW) steel pipes** (see attached schedule)

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and EN 764-5: 2014, Article 4.2, and the on-going surveillance. Products are as detailed on the attached schedule.

Certificate No: 0343/PED M/0038/PED/MUM/1810007/1  
Original Approval: 08 August 2018  
Current Certificate: 02 July 2021  
Certificate Expiry: 07 August 2024  
LR NL Notified Body Number 0343



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Song Chen on behalf of Lloyd's Register Nederland B.V.

**EU CERTIFICATE OF QUALITY SYSTEM APPROVAL  
CERTIFICATE 0343/PED M/0038/PED/MUM/1810007/1  
SCHEDULE**

**In accordance with the requirements of the Pressure Equipment  
Directive 2014/68/EU**

**HUSTEEL Co., Ltd. – Daebul Plant**

**150, Daebul sandan 3-ro, Samho-eup, Yeongam-gun, Jeollanam-do,  
58452, Republic of Korea**

**PRODUCT SPECIFICATION AND MATERIAL GRADES**

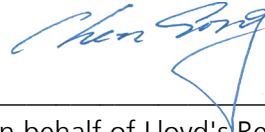
| <b>SPECIFICATION</b> | <b>MATERIAL GRADE</b>  |
|----------------------|--|
| KS D 3507            | SPP  |
| KS D 3562            | SPPS250  |
| KS D 3631            | SPPG210  |
| JIS G 3452           | SGP  |
| JIS G 3454           | STPG370, STPG410   |
| ASTM A53/ASME SA53   | A, B   |
| API 5L(ISO 3183)     | A25(L175), A25P(A175P), A(L210), B(L245), X42(L290), X46(L320), X52(L360), X56(L390), X60(L415), X65(L450), X70(L485), X80(L555) |
| API 5CT              | H40, J55, K55, N80 TYPE 1  |
| CSA Z245.1           | Category I, II, III (Gr. 241, 290, 359, 386, 414, 448, 483, 550)   |
| EN 10217-1           | P195, P235, P265   |

**Ranges of the certification scope:**

Outside diameter: NPS 8" ~ 24" (DN 200 ~ 600)

Thickness: 0.126" ~ 0.866" (3.20mm ~ 22.00mm)

Schedule Issue: 03  
Date of Schedule Issue: 02 July 2021  
LR NL Body Number 0343



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Song Chen on behalf of Lloyd's Register Nederland B.V.