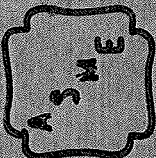



| | | |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|
| CRN | W9046.2 | A NO. |
| <div> <div>  </div> <div> 1236 </div> </div> | | |
| CERTIFIED BY | | |
|  SEWON CELLONTECH CO., LTD. | | |
| SHELL | 1530 kPag | AT 178 °C |
| TUBE | 1594 kPag | AT 178 °C |
| (M.A.W.P) | | |
| SHELL | F.V kPag | AT 178 °C |
| TUBE | F.V kPag | AT 178 °C |
| (M.A.E.W.P) | | |
| SHELL | -29 °C | AT 1530/F.V kPag |
| TUBE | -29 °C | AT 1594/F.V kPag |
| (M.D.M.T) | | |
| MFR. SERIAL NO. | | E0351-013 |
| YEAR BUILT | | 2015 |

SQS
☐ VERIFIED
☒ REVIEWED
 S. G. JOO

12/31-15
 SEWON
 SEWON QC & LEE

3A-E-111E SALES OIL/GLYCOL EXCHANGER

CODE ASME SEC. VIII DIV.1 2010 ED.+ 2011 ADD. & TEMA CLASS 'R' 9TH ED.-2007 + API 660 8TH ED.


| | SHELL | TUBE |
|-------------------|---------------|---------------|
| DESIGN PRESS. | 1450/F.V kPag | 1500/F.V kPag |
| DESIGN TEMP. | 178 °C | 178 °C |
| M.A.W.P | 1530 kPag | 1594 kPag |
| HYDRO.TEST PRESS. | 1989 kPag | 2072 kPag |
| M.D.M.T | -29 °C | -29 °C |
| P.W.H.T | NO | NO |
| RADIOGRAPHY (S/H) | SPOT/FULL | SPOT/FULL |


YEAR BUILT 2015 MFR. SERIAL NO. E0351-013

EFF. SURFACE AREA/SHELL 556.4 m² W'T (BUNDLE) 10950 KG

PURCHASE ORDER NO. P-5310-01 TEMA TYPE H-BEU

FABRICATOR  SEWON CELLONTECH CO., LTD.

 SNC ♦ LAVALIN INC.

 MEG ENERGY CORP.

SQS
☒ VERIFIED ☐ REVIEWED
 S. G. JUNG

SEWON ☒ Review
☐ Witness
 이태원 (G) ☐ Test
 SEWON QC & LEE
 12/30/2016