



# Marine Design Appraisal Document

**Lloyd's Register Classification Society (China) Co., Ltd.**  
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Date  
**28 August 2014**

Quote this reference on all future communications  
**STS/TA/MWZ/TPI1401031/O-144530D**

**LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.**  
**TAIWAN SRP HEAT EXCHANGER INC.**  
**PLATE HEAT EXCHANGER**  
**TYPE APPROVAL CERTIFICATE No. 14/80036**

The undernoted documents have been reviewed for compliance with the requirements of the LR Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

## DOCUMENTATION

Inspection and Surveillance of Production Facilities-TPI1401031 dated 09 July 2014

Document no. E000-002: Materials list for Plate heat exchanger main components

Particulars of Plate Heat Exchanger

Document no. TP-DA-1225: Plate and seal relative position

Drawings for Plate Heat Exchanger types GC-12, C30, GL13, GC16, GC26, GC26T, GC51, GC51T, GC60, GC60T, GX26, GX42, GX51, GX64, GX91, GX118, GX60, GX100, GX140, GX180, GX85, GL85, GX145, GL145, GX205, GL205

## TEST REPORTS

P39-PT-1401: Plate liquid penetration inspection test reports for types PHE-30, PHE-42, PHE-140

GC30x30 type test reports

GX42x51 type test reports

GX140x81 type test reports

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

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