

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by Tranter, Inc., 1900 Old Burk Highway, Wichita Falls, Texas, 76306, USA
(Name and address of Manufacturer)

2. Manufactured for TREIS BLOCKCHAIN, 601 HIGH TECH CT, GREER, South Carolina, 29650, USA
(Name and address of Purchaser)

3. Location of Installation TREIS BLOCKCHAIN, GREER, South Carolina, USA
(Name and address)

4. Type Vertical Gasketed 01SC5519 to 01SC5524 N/A GC01653161NN-1
(Horizontal or vertical) (Gasketed, semi-weld, brazed) (Manufacturer's serial number) (CRN) (Drawing no.)

5. ASME Code, Section VIII, Division 1 2017 2766 N/A 2019 72325-72330
(Edition (year)) (Code Case no.) [Special service per UG-120(d)] (Year built) (National Board number)

6. Endplates: (a) SA516-70 (b) SA516-70 (c) _____
(Fixed material) (Moveable material) (Other material)

| No. | Quantity | Width | Length | Thickness | Corr. Allow. | Heat Treat. | Temp. | Time |
|-----|----------|--------|--------|-----------|--------------|-------------|-------|------|
| 6a | 1 | 12.75" | 36" | 0.75" | 0 | N/A | N/A | N/A |
| 6b | 1 | 12.75" | 35" | 0.75" | 0 | N/A | N/A | N/A |

7. Frame compression bolts and nuts (8) 3/4 [M20], SA193-B7, NUTS SA194-2H (16)
(Quantity, diameter, material specification, and grade)

8. Impact test: NO, UCS-66(a) & UHA-51(d)(1)
(Indicate YES and the component(s) impact tested, or NO)

9. Heat transfer plates GC-016 SA240-316 0.0197" & 0.0236" 85
(Plate model) (Material specification and grade) (Thickness) (Maximum plate count for frame assembly)

77 6.882 7.064
(Quantity of plates at shipment) (Minimum tightening dimension) (Maximum tightening dimension)

10. Chamber 1, MAWP 150 psi at max. temp. 212 °F, -20 °F MDMT at 150 psi Hydro/ pneu. test press. Hydro. 195 psi

11. Chamber 2, MAWP 150 psi at max. temp. 212 °F, -20 °F MDMT at 150 psi Hydro/ pneu. test press. Hydro. 195 psi

12. Nozzles, connections, inspections, and safety valve openings:

| Purpose (Inlet, Outlet, Drain, etc.) | Qty. | Dia. or Size | Type | Material | | Flange Rating | Nozzle Thickness | | How Attached | | Location (Insp./Open.) |
|--------------------------------------|------|--------------|-----------|------------|--------|---------------|------------------|-------|--------------|--------|------------------------|
| | | | | Nozzle | Flange | | Nom. | C. A. | Nozzle | Flange | |
| INLET/OUTLET | 4 | 2.067" | THRD PIPE | SA403-316L | | | 0.154" | 0 | LOOSE | | 6(a) |

13. Supports: Lugs N/A Legs Feet 3 Others N/A Attached BOLTED TO FRAME & SUPPORT
(Quantity) (Quantity) (Describe) (Where and how)

14. Manufacturer's Partial Data Reports properly identifying and signed by Commissioned Inspectors have been furnished for the following items of the report (list the name of the part, item number, and Manufacturer's name and identifying number):

(Name of part, item number, Manufacturer's name and identifying number)

15. Remarks:
[Distance between endplates: 6.973"] SUPERCHANGER TO CARRY: WATER

Manufactured by Tranter, Inc., 1900 Old Burk Highway, Wichita Falls, Texas, 76306, USA

Mfr's Serial No. 01SC5519 to 01SC5524

CRN _____

National Board No. 72325-72330

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements in this report are correct and that all details of design, material, construction, and workmanship of this plate and frame heat exchanger conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization Number 8698 expires December 14, 2021


Date 08/15/2019 Name Tranter, Inc.
(Manufacturer)

Signed 
(Representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by OneCIS Insurance Company, of Lynn, MA

have inspected the plate and frame heat exchanger described in this Manufacturer's Data Report on August 15, 2019 and state that, to the best of my knowledge and belief, the manufacturer has constructed this plate and frame heat exchanger in accordance with the applicable sections of the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the plate and frame heat exchanger described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 08/15/2019 Signed  Commission: 16517
(Authorized Inspector) (National Board Authorized Inspector Commission number)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements in this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirements of the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization Number _____ expires _____

Date _____ Name _____
(Assembler)

Signed _____
(Representative)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and employed by _____

have compared the statements in this Manufacturer's Data Report with the described plate and frame heat exchanger and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief, the Manufacturer has constructed this plate and frame heat exchanger in accordance with the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the plate and frame heat exchanger described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date _____ Signed _____ Commission: _____
(Authorized Inspector) (National Board Authorized Inspector Commission number)