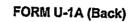
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

| 1. | Manufacture | d and cert | fied by C | hart C | ooler S | ervice | Compa | any, Inc., 35 | 15 D | awso | on Road d address | , Tuls | a, Ok | lahor | na, 74115 | | | ور البريوناللانووناللانو |
|-----------------------------|--|---------------------------------------|---------------------------|----------|-------------------------------|---|-------------------------------------|---|-----------------|-----------------------|-----------------------|-----------------|-------------------------|---|----------------------|---|--------------------|--------------------------|
| 2. | Manufactured | d for KP | Engineer | ing, 55 | 55 Old | Jacks | sonville | | , Tex | as, 7 | 5703 | | | erj | | | | |
| 3. 1 | Location of In | nstallation | Unknow | 'n | | | | (N | ame a | nd add | lress of Pu | ırchase | r) | | | | | received the self r |
| | Air C | ooled He | at | | | *************************************** | | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | | (Name | and addr | ess) | er of the same | and the Comp | | | | |
| 4. T | Type Exch 30915A-1 (Horizontal or vertical, tank) (Manufacturer's serial number) | | | | | N/A (CRN) | 30915-1-2 Rev.2 (Drawing number) | | | | | (Natio | 18853 nal Board numb | er) | 2016 (Year built) | | | |
| 5. | ASME Code | , Section \ | /III, Divisio | n 1 | | 2013 | / N/A | | | | N/A | | | | | N17.6 | 10 | |
| | | | | 1 | Edition an | d Addend | a, if applicab | ole (date)] | | (Cod | e Case num | bers) | | | (Spe | N/A cial service per | UG-120(d |)) |
| 6. 8 | Shell: | | 516 70 . number, grad | le) | (Non | 1" ninal thick | ness) | CONTRACTOR OF THE PARTY OF THE | 125" allow.) | | ***** 6-* 40 | | N/A r diamet | er) | | | N/A n (overall) | |
| | | | | | | | | Body Flang | es on | Shells | | | | | | 120.181 | T (O'TOTOLI) | |
| No. | Type | ID | OD | Flange | Min Hub Thk | | | aterial | Ho | low | | F | | | | Bolting | | |
| N/A | | | | Thk | | 20 11th | | | Attached | | Locatio | | Num & Size | | Bolting Material | Washer (O | D, ID, | Washer Material |
| - | N/A | N/A | N/A | N/A | N/A | | N/A | | N/A_ | | N/A | N/ | A | | N/A | N/A | N | I/A |
| | lands. | Corner . (welded, dbl. laterial | Joint , sngl., lap, bu | tt)j (R. | | | | 1150 °F (H.T. temp) | (Tir | 1 me, hr) (b) N | [Girth. | (welded, | N/A dbl., sng | gl., lap, t | outt)] [R.T. (sp | I/A pot or full)] 16 70 p., grade) | N/A (Eff., %) | N/A (No. of course |
| | Location (Top, I Ends) | Bottom, | Minimum Thickness | | rosion wance | Crow | n Radius | Knuckle Radi | | liptical Ratio | Conical Apex Angle | Hemis cal Ra | | Flat | Diameter | Side to Pr | essure (| |
| (a) | Top / Bott | tom | 0.5" | 0. | 0.125" N/A N/A N/A N/A N/A 10 | | 0' 9.8 | 875" x 2.75" N | | | | | | | | | | |
| (b) | End | | 0.5" | 0. | 125" | | N/A | N/A | 1 | N/A | N/A | N/A | A | 7.437 | 5" x 2.75" | | N/A | |
| | | | | | | | | Body Flange | s on F | leads | - | | | | | | | |
| | Location | Type | ID | OD | Fland | ge Thk | Min Hub | Materi | al | Ш | w Attache | 4 | | | E | Rolling | 0p.I | |
| a) | | I/A | N/A | | | 30 IIIK | Thk | | aı | | W Allacile | u | Num & | Size | Bolting Mate | ID, the |) wa | sher Material |
| | IAWP | 225 | 1 | N/A | N/A | 4 | N/A psi | N/A | at ma | N/A | nn | | 400.0 | | N/A | N/A | N/A | \ |
| | | (Inter | | | | | temal) | | at ma | ix. 1011 | | | 400 ° | | | N/A (External) | | -0 |
| Mi | in. design me | etal temp. | -20 °F | : | at | 1 | 225 psi | | H | Hydro | , pneu.; o | r comb | o. test | press | sure [| HYDRO AT | at 29 | 3 psi . |
| Pr | oof test | | | | | | | | 1 | N/A | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | |
|). No | ozzles, insped | ction and | safety valv | e openir | ngs: | | | | | | | | | | | | | |
| Purpose (Inlet, Outlet, | | et, No. | Diameter | or - | Туре | | Mat | terial | Nozz | | Thickness | Re | Reinforcement | | Attachme | ent Details Lo | | tion (Insp. |
| Drain, etc.) | | | Size | | | Nozzle | | Flange | | Nom. | Corr. | | | Material No | | Flange | Open.) | |
| Inlet / Outlet Temp / Press | | 4 | 3"-300# 1"-300# | | | | -106 B | SA-105 | | Sch. 160 0.125 | | + | Integral | | UW16.1a | UW16.1a | | rapper |
| | ent / Drain | 2 | 1"-300# | - | FWN | | -106 B -106 B | SA-105 SA-105 | | ch. 16 | 0 0.125" | - | Integr | | UW16.1a | UW16.1a | | rapper |
| | nspection | 444 | 1.125" | | HLD | | A-105 | N/A | | N/A | N/A | + | Integr N/A | | UW16.1a N/A | UW16.1a N/A | | rapper |
| 1. St | upports: Skir | rt No (Yes o | Lug | s 8 | L. | egs | None (Number) | Other | nenad | Na | meplate B | 4) | | A | Attached | Heade (Whe | er / Weld | |
| N/ | | | | | | 1 | 3 | | | coruș ile | | ri ilal IDQ | IOI IIIO | IOIOWI | ing receive of title | героп. | | |
| L S | ine 6 traight 1 . Constru UCS-68(c | ength c | r Appen | dix 2 | Dist. 8, 2.1 | OR H | eader between | n the hea | ders | 8.7 s: 3 | 5" X 5. | . 0" X | test | ina | overnt n | er UCS-66 | 5 | |
| C | OOLER" 6. | RT per | custom | er's | reque | st | - / Qua | 222 | , 5 | . ser | ATCG: | ONTE | TMER | STR | TPPER BO | OTTOMS A | LR_ | |



NB Number 18853

| | | 113 (1311.30) (1000) | | | | | | | | |
|---|------------------------------------|--|--|--|--|--|--|--|--|--|
| CERTIFICATE OF SHOP/FIELD COMPLIANCE We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number 36229 expires November 30, 2018 | | | | | | | | | | |
| Date 03/02/2016 Co. name | Chart Cooler Service Company, Inc. | Signed _ San England | | | | | | | | |
| | (Manufacturer) | (Representative) | | | | | | | | |
| CERTIFICATE OF SHOP/FIELD INSPECTION | | | | | | | | | | |
| Vessel constructed by Chart Cooler Service Company, Inc at 3515 Dawson Road, Tulsa, Oklahoma, 74115 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 component described in this Manufacturer's Data Report on March 1, 2016, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with 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 pressure vessel 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. | | | | | | | | | | |
| Dale <u>03/03/2016</u> Sig | gned_William B Bright Commissions | 12752A, OK951 [National Board (Incl. endorsements]] | | | | | | | | |
| 2480590 exa: v6.2.98 | | Form and version: U1A-18 | | | | | | | | |