



National Board Number: 2058

Mr. Representative: \( \sum \) \( \su

## FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

|                               | A                | s Requ       | lired by       | the P          | rovision   | s of t         | he As  | SME B                          | oiler a      | ind P        | ressure                         | Ve                 | essel (          | ode H          | ule                | s, Seci      | tion                  | VIII,                                  | , Div                  | ision           | 1       |
|-------------------------------|------------------|--------------|----------------|----------------|--|----------------|--|--------------------------------|--------------|--------------|---------------------------------|--------------------|------------------|----------------|--------------------|--------------|-----------------------|--|------------------------|-----------------|---------|
| 1. M                          | anufa            | actured an   | od certified   | by             |  | llsung         | Copoi  | ration #                       | 74 Daeje     | 200 30       | to, Onsan-                      | -                  | 6 8 58           | 25.00          | an 6               | 889-892,     | Rep                   | ublic                                  | Korea                  |                 |         |
| Manufactured and certified by |                  |              |                |                | (Name and address of Manufacturer)   |                |  |                                |              |              |                                 |                    |                  |                |                    |              |                       |  |                        |                 |         |
| 2. M                          | anuf             | actured for  | or             |                | (Name and address of Purchasor)  |                |  |                                |              |              |                                 |                    |                  |                |                    |              |                       |  |                        |                 |         |
| 3. Lo                         | catio            | on of insta  | ulation        |                |  | CAR            | MON C  | REEK                           | EXPANS       | NOIS         | PEACE (Name and a               | RIV                | ER CO            | MPLEX,         | ALB                | ERTA, C      | CAN                   | ADA                                    |                        |                 |         |
| . T                           | vne              |              | · 1            | Horizonta      | Í  |                |  |                                | Heat         | Exchan       | nger                            |                    |                  |                |                    |              | 14-H                  | IE-075                                 | 5                      |                 |         |
|                               |                  |              | (Horizonta     | l, vertical, o | r spherel  | heat exch., et |  | (Manufacturer's serial number) |              |              |                                 |                    |                  |                |                    |              |                       |  |                        |                 |         |
| -                             | _                |              | 068.2          |                |  | - 10           | (+16)<br>Trawing n   |                                |              |              |                                 | -                  | 205              | 3              |                    | 2015         |                       |  |                        |                 |         |
|                               |                  |              | CRN)           |                | 2010 ED,   |                | COLUMN TO THE PARTY OF THE PART |                                | 21.11        |              |                                 | /A                 | a numberi        |                | (Year buil)<br>N/A |              |                       |  |                        |                 |         |
| A. AC                         | WE !             | xue, aeu     | CIT VIII, LIV. | ,              | (Edition and   | Addend         | a, d app   | dicable (c                     | late)]       | -            | (Code                           |                    | se number)       |                | -                  |              | (Spac                 | -                                      |                        | G-120(d)]       |         |
|                               |                  |              |                |                |  |                |  |                                |              |              | <i>essels, sh</i><br>erall leng |                    |                  |                | gers,<br>7585:     |              | mbei                  | of m                                   | ultich:                | amber .         | vessels |
| -                             | _                | Co           | urso(s)        |                | T  | Material       |  | Thic                           | knesa        | Γ            | Long. Joint                     | (Cal               | L A)             |                | Circum, Jaint (Cat |              | LA, B&CI              |  | Т                      | Heat Treatment  |         |
| No.                           | 1                | Dismeter     | L              | ength          | Spec/Grade or Type   |                |  | Nom.                           | Corr.        | Туре         | Full, Spot, No                  |                    | ne Ef            | . Type         | T                  | Full, Spot,  |                       |  |                        | Төтр.           | Timo    |
| 2                             | 1.0              | 860mm        | 26             | 2600mm         |  | SA516-70(*1)   |  | 15mm                           | 1.6mm        | 1            | Full                            |                    | 1.               | 1.0 1          |                    | Full         |                       | 1.                                     | .0                     | 625°C           | 1.1Hr.  |
| 1                             | -                | 0 860mm      | 23             | 2385mm . SA    |  | 516-70(•1)     |  | 15mm.                          | . 1.5mm      | 1            | Full                            | 34 /               |                  | 1 -1 -         | +                  | Full         |                       | 1.                                     | .0                     | 625°C           | 1.1Hr   |
| _                             | _ (              | (BLANK)      |                |                |  |                |  |                                |              | _            |                                 |                    |                  |                |                    |              |                       |  |                        |                 |         |
|                               |                  |              |                |                |  |                |  |                                | Body Fk      | arges on     | Shells                          |                    |                  |                |                    |              |                       |  |                        |                 |         |
|                               |                  |              |                |                |  | 1              |  |                                |              |              |                                 |                    |                  |                |                    |              | Boiling               |  | Washer                 |                 |         |
| No                            | No. Typė ID      |              | OD.            | Florge This    | large This Min Hub   |                | Material   | How                            | Attachéd     | t Locatio    | Location                        |                    | Num & Size       |                |                    |              | (OD,I                 | (OD,ID,thk) Washer Mail                |                        | r Materia       |         |
| 1 (•2) 860mm 1054mm<br>BLANK) |                  |              | 1054mm         | 97mm           | ina 15mm   |                | (•3) Single.   |                                | , but w      | uit weld End |                                 | 48,1 1/8"-8UN×420L |                  | SA320-L7M 58,  |                    | 58, 32       | , 32, 6mm   ASTM-F436 |  |                        |                 |         |
| DLA                           | PANA             |              |                |                |  |                |  |                                |              |              | +                               | _                  |                  |                |                    |              |                       |  | 1                      |                 |         |
| -                             |                  |              |                |                |  |                |  |                                |              |              |                                 |                    |                  |                |                    |              |                       |  |                        |                 |         |
| , ,                           |                  | ls: (a) _    |                | SASI           | 6-70(*1) /   | H T-1          | 1Hr862   | 25°C (*1                       | 3)           |              | (6)                             |                    |                  |                |                    | -            |                       |  |                        |                 |         |
| . (                           | Gau              | ιο, (α)      |                |                | pec, number, o   |                |  |                                |              |              |                                 | _                  | . (Ma            | eral sgec.     | numb               | er, grade or | typel                 | 01.T1                                  | me and                 | Lampj           |         |
|                               |                  | tation (Top. |                | kness          | Radi   |                | Ellipti<br>Rati  |                                |              |              | misohericat<br>Radius           |                    | Flat<br>Diameter | -              |                    | Concave Ty   |                       | ype Full, Spo                          |                        |                 | Eff.    |
| (a)                           | - 100            | End          | Min.           | Corr.          | Crown –  | Knuckle -      | 2:1  | _                              | _            | -            |                                 |                    |                  | YES            | _                  | YES          | 171                   | oe                                     | Full, Sp               | -               |         |
| (6)                           | -                | BLANK)       | 12.75(1)       | 1.2000         |  |                |  |                                |              | $\neg$       | -                               |                    |                  | 1.00           |                    |              |                       |  |                        |                 |         |
|                               |                  |              |                |                |  |                |  |                                | 0. A. F.     |              | 174.                            | -                  |                  |                |                    |              |                       |  |                        |                 |         |
| _                             | Т                |              |                | T              | _  |                | Т  |                                | BUSY FE      | anges on     | neaus                           |                    |                  |                |                    | р            | oltina                | •                                      |                        |                 |         |
|                               | = 1              |              |                |                |  |                |  |                                |              |              |                                 |                    |                  | T              | T                  |              |                       | Washe                                  | r                      | T               |         |
|                               | Location Type (0 |              |                | 10             | OD   | Flange         | mk /   | dh Hub Ti                      | ik A         | /ateria)     | How Attac                       | hed                | Num &            | Size I         | loting             | Material     | ((                    | OD, ID,                                | thik)                  | Washer Material |         |
| (a)                           | -                | (BLANK)      |                | _              |  |                | $\dashv$   |                                | +            |              | _                               | _                  |                  | -              |                    |              |                       |  |                        |                 |         |
| - 1-                          |                  |              |                |                |  |                |  |                                |              |              |                                 |                    |                  |                |                    |              |                       |  |                        |                 |         |
| 3. T                          | ype              | of jacke     | t              |                |  | N/A            |  |                                |              | J            | acket clos                      | иге                |                  |                |                    |              | N/A                   |  |                        |                 |         |
| 1                             | l ba             | r. give d    | imensions      | s              |  |                |  |                                |              | N/A          |                                 |                    |                  |                | (Da:               | scribe as og |                       |  |                        | ibe or          | sketch. |
|                               | MAP              |              | 51kPa          | F.V            | atr  | nax, ter       | mo   | 200*                           | c            | 200          | C M                             | in                 | design (         | netat te       | mp                 | -45          |                       | at                                     |                        | .551kPa         |         |
|                               |                  | (In          | terna0         | (External      |  | max. to        |  | (Intern                        | 19           | (Exten       | -                               |                    | accign           |                |                    | mperatu      |                       |  |                        | o'C             |         |
| 10.                           | qını             | act test     |                |                | finds  | ale yes or     | co and   | the compa                      | sent(s) Impo | act tested   | ]                               |                    |                  | _ 41 10        | J1 10              | mporato      |                       |  |                        |                 |         |
| 11.                           | Hyd              | ro., price   | म् छ। इंजा     | test p         | ressure _  |                | 400  | 00kPa                          |              | - Prod       | of test                         | -                  |                  |                |                    |              |                       |  |                        |                 |         |
| ltem                          | s 1              | 2 and 13     | to be co       | mpleted        | for tube .   | sections       | 5.   |                                |              |              |                                 |                    |                  |                |                    |              |                       |  |                        |                 |         |
| 12. Tubesheet SA765-I         |                  |              |                |                | The second secon |                |  |                                |              |              | 106mm                           |                    | 3mm              |                |                    |              |                       | Bolted  [Attachment (weldes or bolted) |                        |                 |         |
| (Stationary (materia          |                  |              |                |                | spec. no.l]  | (O)a           | Diameter (subject to press.)} -  |                                |              | (1           | Nominal thickness)              |                    | (Con             |                |                    | allow.)      |                       |  |                        |                 | [At     |
| (Floating (malerial           |                  |              |                |                | spec, no.3] (Viameter)   |                |  | nater)                         |              | tho          | minal thicknes                  | s)                 |                  | (Corr. allow.) |                    |              |                       |  | (Atlachment)           |                 |         |
| Tubes SA179                   |                  |              |                |                | 19.05mm  |                |  |                                |              |              | 2.03mm                          |                    |                  | 368            |                    |              |                       |  | U                      |                 |         |
| (Matadal spool no., grade     |                  |              |                |                | or type) (O.D.)  |                |  |                                |              | Nom          | inal thickness                  | E .                | (Number)         |                |                    |              |                       |  | (Type (Straight or U)) |                 |         |



National Board Number: 2059

Mfr. Representative: VS: W/Zoate: AFR. M/2515

Authorized Inspector: Date: APX.18.2015

## FORM U-1 (Cont'd)

PAGE 2

| Items<br>14. She             |                      | I. to be<br>No. of ( |                          | ted for inn        |              |              | of jacket             |  |           |                  |              |               |            |                        |   |  |                     | 855        |            |  |  |
|------------------------------|----------------------|----------------------|--------------------------|--------------------|--------------|--------------|-----------------------|--|-----------|------------------|--------------|---------------|------------|------------------------|---|--|---------------------|------------|------------|--|--|
|                              |                      | ourse(s)             |                          |                    |              |              |                       |  |           |                  |              |               |            |                        |   |  |                     |            | 72 20      |  |  |
|                              |                      |                      | Material                 |                    |              | Thickness    |                       | Long Joint (   |           |                  |              |               |            | Joint (Cat. A, B & C)  |   | Heat Treatmen                                    |                     |            |            |  |  |
| No.                          | Diameter<br>LD 990mm | -                    | Length Spec/Grade or Typ |                    |              |              | Nom.                  | Corr.  | Type<br>1 | Fui              | Full         | cna           | 1.0        | Type 1                 | Full, Spot,                             | None   | Elf.                | Temp,      | Time       |  |  |
| 1                            |                      |                      |                          | - 5/               | 4516-70(•    | 17           | 14mm                  | 1.5mm  | ,         | +-               | rui          |               | 1.0        | 1                      | Full                                    |  | 1.0                 | 624°C      | 1.1Hr.     |  |  |
| (BLANK)                      |                      |                      |                          | _                  |              |              | 1                     |  |           | -                |              |               | -          | +-+                    |   | -  |                     |            | -          |  |  |
|                              |                      |                      |                          |                    |              |              |                       |  |           |                  |              |               |            |                        |   |  |                     |            |            |  |  |
|                              | ,                    |                      |                          |                    |              |              |                       | Body Fla   | nges o    | on Shells        | 818          |               |            |                        |   |  |                     |            |            |  |  |
|                              |                      |                      |                          | 1                  |              |              |                       |  |           |                  |              | $\vdash$      | Bolting    |                        |   |  |                     | ,          |            |  |  |
| No.                          | Туре                 | ID.                  | OD                       | Flange Thi         | k Min Hul    | . Yok        | Material              | How  | Artach    | ha               | Location     |               | Num & Size |                        | Bulting Ma                              | torial   | Washer<br>(OD,JD,th |            | er Materia |  |  |
| 1                            | (-2)                 | 860mm                | 1054mm                   | 7                  | 14m          |              | (•3)                  | Single.  |           |                  | End          | 48            |            | 8UN×310                | 1                                       |  | 3, 32, 6            |            | M-F436     |  |  |
| 1                            | 1 (+2) 860mm 10      |                      |                          | 100mm              | 14mm         |              | (•3)                  | Single.  | butt      | weld             | End          |               | (*         | 15)                    | (+15)                                   |  | (+15)               |            | (+15)      |  |  |
| (BLANK                       | 0                    |                      |                          |                    |              |              |                       |  | _         |                  | +            |               |            |                        |   |  |                     |            |            |  |  |
|                              |                      |                      |                          |                    |              |              | -                     |  |           |                  |              |               |            |                        | <u> </u>                                |  |                     |            |            |  |  |
| 15. He                       | ads: (a)             |                      |                          | SA765-II(*         | 1)/H,T-6     | 24°C         | 1.1Hr                 |  |           | (b)              |              |               |            |                        | 7=1                                     |  |                     |            |            |  |  |
|                              | -                    |                      |                          | spec. number,      | grade or typ | e) (H,T,     | -time and te          | mp)  |           |                  |              |               | (Materia   | spec. numi             | ber, grade or typo) (H.Ttime and temp.) |  |                     |            |            |  |  |
|                              | ocation (Top         | 1                    | ilckness                 | Rad                | Radius g     |              | ical                  | Conloal  |           |                  | ispherical . |               | at .       |                        | Pressure .                              | .00  | 1                   | tegory A   |            |  |  |
|                              | 3ottom, Ends         | Min.                 | _                        | 1                  | Knuckle      | Rat          | X0 A                  | pex Angla  | +         | Radhe            | -            | Diam          |            | Cenvex                 | Concave .                               | Type   | Full,               | Spot, None | _          |  |  |
| (a)                          | End                  | 95mr                 | n 1.5mm                  | n -                | -            |              |                       |  | +         |                  | $\dashv$     | 1054          | mm         | -                      |   | -  | -                   |            |            |  |  |
|                              |                      |                      |                          |                    |              |              | Ļ_                    |  | _L        |                  |              |               |            |                        |   |  |                     |            |            |  |  |
| 8                            | 4                    |                      |                          |                    |              |              |                       | Body Fta   | nges o    | n Heads          |              |               |            |                        |   |  |                     |            |            |  |  |
| -                            | (5)                  |                      |                          |                    | Π            | Т            | 80                    |  |           |                  |              |               |            |                        | E                                       | loting   |                     |            |            |  |  |
|                              | Location Type ID     |                      |                          |                    | 00 70        |              |                       | . 1  |           | 25 Inc. 1        |              |               |            | ١                      |   |  | Yasher              |            |            |  |  |
| (a)                          | (a) (BLANK)          |                      |                          | OD                 | Flange T     | nk I         | Min Hub Th            | <u>*</u>   | atorial   | rial How Attack  |              | hed Num & Sig |            | te Boss                | ng Material                             | (OD, ID, thk)                                    |                     | Wash       | ar Materia |  |  |
| (p)                          | TODAMO               |                      |                          |                    |              | +            |                       |  |           |                  |              | +             |            | $\rightarrow$          |   | <del>                                     </del> |                     |            |            |  |  |
|                              |                      |                      |                          | Pndica<br>pressure | ite yas of m | and In       |                       | il(s) impact   |           |                  |              |               |            |                        | . –                                     |  |                     |            | ·          |  |  |
| 19. No:                      | zzles, insi          | ection, a            | ind safe                 | ty valve op        | enings:      |              |                       |  |           |                  |              |               |            |                        | ,                                       |  |                     |            |            |  |  |
| Purpose                      |                      |                      |                          | Dlameter           |              |              | Ма                    | tarial   |           | Nozzle T         |              | nickness      |            | Reinforcement Material |   | ment Deta  |                     |            | lon .      |  |  |
| (Inlet, Outlet, Drain, etc.) |                      | in, etc)             | No.                      | or Size            | Туре         |              | Nozzie                | Flange   | -         | Nom.             | Cor          | -             | м          | aterial                | Nozzle                                  | FE   | Flange              | (Insp. O   | pen.)      |  |  |
| SHELL SIDE INLET             |                      |                      | 1                        | ON 200             | Cl. 300      |              | (+6)                  | (+6)   | -         | 28.15mm          |              |               |            | ERENT                  | (-4)                                    |  | •5)                 | -          |            |  |  |
|                              | SHELL SIDE OUTLET    |                      |                          | ON 200             | CI, 300      |              | (•6)                  | (+6)   | -         |                  |              | nm            |            | ERENT                  | (-4)                                    | -  | •5)                 | -          |            |  |  |
|                              | L SIDE D             |                      | 1                        | DN 100             |              | Cl. 300 lwn. |                       | (•6) (•6)  |           |                  |              |               |            | ERENT                  | (*A) ·                                  | _  | -                   | -          |            |  |  |
|                              | LL SIDE V            |                      | 1                        | DN 100             | CI, 300      |              | (+8)                  | (+6)   | _         | 8.56mm           | 3,0m         | -             |            | ERENT                  | (+4)                                    | _  | •51                 |            |            |  |  |
|                              | BE SIDE I            |                      | 1                        | DN 150             | Cl. 300      |              | SA333-6               | (+6)   | _         | 10,97mm          |              | _             | -          | 6-70(-1)               | (+4)                                    | _  | *5)                 |            |            |  |  |
| 0.000                        | E SIDE O             |                      | 1                        | DN 150             | Cl. 300      | -            | SA333-6               | (*6)   | _         | 0.97mm           | -            | _             |            | 6-70(•1)               | (-4)                                    | _  | •5)                 | . 7        |            |  |  |
| -                            | SIDE DR              |                      | 1                        | DN 50<br>DN 50     | Ci, 300      |              | (+6)<br>(+8)          | (+6)<br>(+6)   |           | 6,65mm<br>8,74mm | 3,01         |               |            | ERENT_<br>ERENT        | (-4)                                    |  | -<br>•5)            | -          |            |  |  |
| 3.00 ESV                     | ports: Sk            |                      | 4O                       |                    |              | egs          | N/A                   | Other  | _         |                  | DDLES        |               | -          | ched                   | -                                       | /ELDED   |                     | SHELL      |            |  |  |
| 20. 00                       | aporta, or           |                      | (en to                   |                    | nbori        | .ga _        | (Number)              | - 011101   | _         |                  | escribe)     |               | - "        |                        |   |  | re and ho           |            |            |  |  |
| 21. Ma                       | nufacture            | r's Parti            | al Data                  | Reports p          | roperly i    | dentifi      | ied and               | signed b   | by Co     | ommiss           | ioned        | Inspe         | ectors     | have be                | en furnish                              | ed for   | the fol             | lowing ite | ems of     |  |  |
| the                          | report (             | list the n           | ame of                   | part, item         | number,      | Manu         | ıfacturer'            | s name,  | and<br>N/ |                  | ying nu      | ımber         | r):        |                        |   |  |                     |            |            |  |  |
| -                            |                      |                      |                          |                    |              |              |                       |  |           |                  |              |               |            |                        |   |  |                     |            |            |  |  |
| 22. Re                       | marks 📩              |                      |                          |                    |              |              | ry App.2              | and the latest designation of the latest des |           |                  | 3. SA7       | -             |            |                        | ig. UW-1                                |  |                     | -          |            |  |  |
| _                            |                      |                      |                          | -None, 0.7         |              |              |                       |  |           |                  |              |               |            |                        | WSA194-71                               |  | 10UNC               | ×130L, 8 5 | SETS.      |  |  |
| _                            | SA420-V              |                      |                          |                    |              |              | ated on t             |  |           |                  |              | -             | -          |                        | novable b                               |  |                     |            |            |  |  |
|                              |                      |                      |                          | alled in sys       |              | 100000       | CONTRACTOR CONTRACTOR |  | ire re    |                  | 7            |               | -          |                        | 34-7, 5/8°-                             | -11UNC   | ×100L,              | 8 SETS.    |            |  |  |
| -                            |                      |                      |                          | stress relie       |              |              |                       |  |           |                  |              |               |            |                        | 724.6mm                                 | ^  |                     |            |            |  |  |
| * [                          |                      |                      |                          | I flange we        |              |              |                       | poiling  | mate      | nais, re         | er to        | snell         | side b     | oiting of              | ITEM NO.                                | Э.   |                     |            |            |  |  |



National Board Number: 205 9

Mr. Representative: NW/Z Date: AR. 19/2015

Authorized Inspector Date: Aph. 18, 2015

## FORM U-1 (Cont'd)



| 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 the conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.  | ils vessel |  |  |  |  |  |  |  |  |  |  |  |
|--|------------|--|--|--|--|--|--|--|--|--|--|--|
| U Certificate of Authorization Number 32,997 Expires DEC. 04, 2016  Date APR 19 2015 Name ILSUNG CORPORATION. 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 the employed by   |            |  |  |  |  |  |  |  |  |  |  |  |
| HSB Global Standards of Hartford CT.   | noyeu by   |  |  |  |  |  |  |  |  |  |  |  |
| have inspected the pressure vessel described in this Manufacturer's Data Report on Apr. 18. 2015 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 bis/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 Abr. 18. >d/C Signed S.JANG Commissions NB#14412(A,N)  (Authorized Viscoctor) Distributional Board (first, endorsemental)   |            |  |  |  |  |  |  |  |  |  |  |  |
| 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 ASME BOILER AND FRESSURE VESSEL CODE, Section VIII, Division 1, U Certificate of Authorization NumberExpires  |            |  |  |  |  |  |  |  |  |  |  |  |
| Date Name Signed (Representative)  |            |  |  |  |  |  |  |  |  |  |  |  |
| (Assembler) (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 emp   | loyed by   |  |  |  |  |  |  |  |  |  |  |  |
| of, have compared the statements in this Manufacturer's Data Report with the described pressu  |            |  |  |  |  |  |  |  |  |  |  |  |
| and state that parts referred to as data items, not included in the certificate of shop inspection, has  |            |  |  |  |  |  |  |  |  |  |  |  |
| Aspected by me and to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in ac with the ASME BOILER AND PRESSURE VESSEL CODE, Section W. Division 1. The described vessel was inspected and subject  |            |  |  |  |  |  |  |  |  |  |  |  |
| hydrostatic test of . By signing this certificate neither the Inspector nor his/her employer makes any warranty, expri   |            |  |  |  |  |  |  |  |  |  |  |  |
| implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her eshall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspecti  |            |  |  |  |  |  |  |  |  |  |  |  |
| Date Signed Commissions  [Authorized Inspector) [National Board Unct, endersemental]   |            |  |  |  |  |  |  |  |  |  |  |  |
| (Authorized Inspector) (National Board tinct, endorsamental)   |            |  |  |  |  |  |  |  |  |  |  |  |