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| **FORM U-5 MANUFACTURER’S DATA REPORT SUPPLEMENTARY SHEET** |
| **SHELL-AND-TUBE HEAT EXCHANGERS** |
| **As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1** |
|  |
| 1. Manufactured and certified by
 |       |
|       |
| (Name and address of Manufacturer) |
| 1. Manufactured for
 |       |
|  | (Name and address of Purchaser) |
| 1. Location of installation
 |       |
|  | (Name and address) |
| 1. Type
 |       |  |       |  |       |
|  | (Horizontal, vertical, or sphere)(Mfr´s. Serial No.) | (Manufacturer´s serial number) | (CRN) |
|       |  |       |  |       |
| (Drawing number) |  | (National Board number) |  | (Year built) |
|  |
| **FIXED TUBESHEET HEAT EXCHANGERS** |
| Name of Condition | Design/Operating Pressure Ranges | Design/Operating Metal Temperature | Allowable Axial Differential ThermalExpansion Range |
| Shell Side  | Tube Side  | Shell | Channel | Tubes | Tubesheet |
| Min. | Max. | Min. | Max. | Min. | Max. |
| (units) | (units) | (units) | (units) | (units) | (units) | (units) | (units) | (units) | (units) |
| Design |       |       |       |       |       |       | 0 | 0 |
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| Data Report Item Number |  | Remarks |
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| Certificate of Authorization: | Type |       | No. |       | Expires |       |
|  |  |  |  |  |  |  |
| Date |       | Name |       | Signed |       |
|  |  |  | (Manufacturer) |  | (Representative) |
| Date |       | Name |       | Commissions |       |
|  |  |  | (Authorized Inspector) |  | [National Board (incl. endorsements)] |
| (07/15) |