**ASME B31.3-2014 Valve Evaluation**

Are pressure-temperature ratings established by the method set forth in ASME B16.34? Y [ ]  N [ ]

If Yes, valve is acceptable as is per 307.1.2 (attached proof), If No, valve to be evaluated as follows:

|  |  |  |
| --- | --- | --- |
| **Item** | **Requirement** | **Completed (attached)** |
| A | extensive, successful service experience under comparable conditions with similarly proportioned components of the same or like material. |  |
| B | experimental stress analysis, such as described in the BPV Code, Section VIII, Division 2, Annex 5.F.  |  |
| C | proof test in accordance with ASME B16.9, MSS SP-97, or Section VIII, Division 1, UG-101. |  |
| D | detailed stress analysis (e.g., finite element method) with results evaluated as described in Section VIII, Division 2, Part 5. The basic allowable stress from Table A-1 shall be used in place of the allowable stress, S, in Division 2 where applicable. At design temperatures in the creep range, additional considerations beyond the scope of Division 2 may be necessary. |  |

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|  | **ASME B31.3-2014 Valve Evaluation paragraph 304.7.2** |
| **Required Field** | **Valve Information** |
| Manufacturer |  |
| Model |  |
| Pressure Rating |  |
| Temperature Rating |  |
| Service |  |
| Composition | ***302.2.3*** |
| Mechanical Properties | ***302.2.3*** |
| Method of Manufacture | ***302.2.3*** |
| Design | ***302.2.3*** |
| Dimensions or Sizes |  |
| Quality Control Standard |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Evaluated By: |  | Date: |  |
| CPSO/SMPO Designee: |  | Date: |  |