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| Form: Design Personnel ASME BPV Code Section VIII, Division 1, Appendix 47 | | Rev. 7 Page 1 of 2 |
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Name: _____

To be designated as:

[Note 1]

- individual in responsible charge of design activities including control of design activities performed by others
- subcontracted individual in responsible charge of design activities including those performed by others
- individual engaged in design activities
- subcontracted individual engaged in design activities

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| Certifying Engineer | |
| chartered, registered, or licensed in accordance with (attach evidence) | |
| registration or license number | |
| expiration date | |
| min. 4 years design experience verified (attach evidence) | |
| Engineer | |
| degree [note 2] (attach evidence), date: _____ | |
| min. 4 years design experience verified (attach evidence) or _____ years of experience as per QC Manual and Appendix 47-3, prove body of knowledge, see page 2 | |
| Designer | |
| degree [note 3] (attach evidence), date: _____ | |
| design experience verified, attach evidence <input type="checkbox"/> 6 years, <input type="checkbox"/> 10 years or _____ years of experience as per QC Manual and Appendix 47-3, prove body of knowledge, see page 2 | |
| Additional Qualification Requirements (Engineers and Designers only) | |
| numerical analysis 2 yr experience (attach evidence) | |
| numerical analysis special training/instruction (attach evidence) | |
| fatigue assessments 2 yr experience (attach evidence) | |
| design due to seismic reactions 2 yr experience (attach evidence) | |
| quick-actuating closures 2 yr experience (attach evidence) | |
| design methods under U-2(g) 2 yr experience (attach evidence) | |

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| Additional requirements regarding body of knowledge , only for Engineers and Designers in Responsible Charge qualified under Appendix 47-3, as specified in the Quality Control Manual | |
| Basic Capability: mathematics (attach evidence) | |
| Technical Capability: manufacturing, design, engineering science, engineering tools, quality control and quality assurance, technical breadth, technical depth (attach evidence) | |
| Professional Practice: communication, legal aspects of engineering, continuing education (attach evidence) | |
| Additional Qualification Requirements for all (attach evidence) | |
| - knowledge of the design requirements of ASME Section VIII, Div. 1 | |
| - knowledge of the manufacturer's quality control program | |
| - understanding of engineering ethics and responsibility | |
| - training commensurate with the manufacturer's specific design activities | |
| - other [note 4] ... | |
| <ul style="list-style-type: none"> - This is to certify that the requirements for qualification and experience as listed above have been verified and the evidence has been found satisfactory - The individual above is qualified to perform the indicated design activity. <p>QC manager:</p> <p>sign:</p> <p>date:</p> | <ul style="list-style-type: none"> - This is to acknowledge my designation as _____ <li style="text-align: center;">(Certifying Engineer / Engineer / Designer) <p>name:</p> <p>sign:</p> <p>date:</p> |
| annual [note 5] evaluation | |
| QCM signature and date | |

General Note: All design experience specified shall be in the design of pressure vessels.

Note 1: Fatigue design requires a certifying engineer to be engaged in or in responsible charge of the design activities.

Note 2: Degree from an accredited university or college in engineering, science, or technology requiring an equivalent of 4 yr of full-time study of higher education.

Note 3: The designer shall have completed an accredited engineering technician or associates degree, requiring the equivalent of at least 2 yr of study, plus have a minimum of 6 yr of experience in the design of pressure vessels. Alternatively: 10 yr experience.

Note 4: Depending on individual skills and experience, the manufacturer may impose limitations of designation.

Note 5: The manufacturer shall set requirements for frequency of activity engagement to maintain the required qualifications