

Form: Design Personnel ASME BPV Code Section VIII, Division 1, Appendix 47		Rev. 8 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

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)	

Additional requirements regarding body of knowledge for the person in responsible charge of design activities						
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] ...						
- 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.				- This is to acknowledge my designation as _____ (Certifying Engineer / Engineer / Designer)		
QC manager:				name:		
sign:				sign:		
date:				date:		
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