ANNEX 2-J
QUALIFICATIONS AND REQUIREMENTS FOR CERTIFYING ENGINEERS AND DESIGNERS

2-J.1 INTRODUCTION

(a) Persons engaged in design activity shall be competent in the topic of each design activity performed and shall be able to show evidence of this competency as described in 2-J.2.

(b) When a Certifying Engineer is required by 2.3.3.1 to certify the Manufacturer’s Design Report, it is permissible for a Designer to perform the design activity, provided all the following requirements are met:
   (1) The Designer has evidence of competence in the topic of design under consideration.
   (2) The Designer is working under the responsible charge\(^1\) of a Certifying Engineer.

2-J.2 COMPETENCY REQUIREMENTS

(a) The Designer may engage in any activity required by this Division or any supplemental requirements from the User’s Design Specification except for Code activities listed in Table 2-J.1, unless the requirements of 2-J.1(b) are met.

(b) The Certifying Engineer may engage in any design activity required by this Division or any supplemental requirements from the User’s Design Specification.

2-J.3 QUALIFICATION REQUIREMENTS

2-J.3.1 GENERAL

(a) One or more persons within the Manufacturer’s organization shall be qualified to perform design work in accordance with the requirements of this Annex for any design activity listed in the Manufacturer’s Quality Control System (see 2-E.5).

(b) The qualifications of 2-J.3.2 and 2-J.3.3 shall also apply to Certifying Engineers and Designers that are engaged by the Manufacturer by contract or agreement for their services.

2-J.3.2 CERTIFYING ENGINEERS

(a) The Certifying Engineer shall attest in writing that they understand and meet the requirements of the ASME Code of Ethics and shall meet the requirements of (c) and (d) and 2-J.3.1(b).

(b) The Certifying Engineer may perform any design activity required by this Division for which the engineer has a minimum of 4 yr of experience in the design of pressure vessels.
   (1) For engineers who certify the Manufacturer’s Design Report, this experience shall be demonstrated through documentation certified by a Manufacturer.
   (2) For engineers who certify the User’s Design Specification, this experience shall be demonstrated through documentation maintained by the Certifying Engineer.

(c) The Certifying Engineer shall be a chartered, registered, or licensed engineer within either the jurisdiction where the design activity takes place or the jurisdiction of the location of installation.

(d) The Certifying Engineer shall be chartered, registered, or licensed in accordance with one or more of the following:
   (1) a registered Professional Engineer in at least one state of the United States or province of Canada
   (2) the International Register of Professional Engineers by an authorized member of the International Professional Engineers Agreement (IPEA)
   (3) an authorized member of the Asia Pacific Economic Cooperation (APEC)
   (4) an authorized member of the European Federation of National Engineering Associations (FEANI)

\(^1\) For further information regarding responsible charge, see the National Society of Professional Engineers Position Statement No. 1778.