ANNEX 2-B
GUIDE FOR CERTIFYING A MANUFACTURER’S DESIGN REPORT
(Normative)

2-B.1 GENERAL

(a) As required in 2.3.3, one or more individuals in responsible charge of the design and construction of the vessel(s) shall certify that the Manufacturer’s Design Report is complete, accurate, and in accordance with the User’s Design Specification, and that all the requirements of this Division and any additional requirements needed for adequate design have been met. Such certification requires the signature(s) of one or more individuals as described in (b). One or more individuals may sign the documentation based on information they reviewed and the knowledge and belief that the requirements of this Division have been satisfied.

(b) One or more individual(s) experienced in pressure vessel design shall certify that the Manufacturer’s Design Report meets the requirements in 2.3.3. Such certification requires the signature(s) of one or more individuals with the requisite technical and corporate authority needed for such a document. These responsible individuals shall sign the documentation based on information they have reviewed and the knowledge and belief that the objectives of this Division have been satisfied. In addition, these individuals shall prepare a statement to be affixed to the document attesting to compliance with the applicable requirements of the Code (see 2-B.2.4).

(c) The Inspector shall review the Manufacturer’s Design Report and ensure that the requirements of 2.4.3 have been satisfied.

2-B.2 CERTIFICATION OF MANUFACTURER’S DESIGN REPORT BY A CERTIFYING ENGINEER

2-B.2.1 When required by either 2.3.3.1(a) or 2.3.3.2, certification of the Manufacturer’s Design Report requires the signature(s) of one or more Certifying Engineers with requisite experience and qualifications as defined in Annex 2-J. The Certifying Engineer(s) shall certify that the Manufacturer’s Design Report meets the requirements of 2.3.3.

(a) The Certifying Engineer(s) shall prepare a statement to be affixed to the document attesting to compliance with the applicable requirements of the Code (see 2-B.4).

(b) This Certifying Engineer shall be other than the Certifying Engineer who certifies the User’s Design Specification, although both may be employed by or affiliated with the same organization.

(c) The Certifying Engineer shall identify the location and authority under which he or she has reached the authority to perform engineering work stipulated by the user in the User’s Design Specification.

2-B.2.2 When more than one Certifying Engineer certifies and signs the Manufacturer’s Design Report, the area of expertise shall be noted next to their signature under “areas of responsibilities” (e.g., design, metallurgy, pressure relief, fabrication). In addition, one of the Certifying Engineers signing the Manufacturer’s Design Report shall certify that all elements required by this Division are included in the Report.

2-B.3 CERTIFICATION OF A MANUFACTURER’S DESIGN REPORT BY AN ENGINEER OR A DESIGNER

When permitted by 2.3.3.1(b), certification of the Manufacturer’s Design Report requires the signature(s) of one or more engineers or designers with requisite experience and qualifications as defined in Annex 2-J. The engineer(s) or designer(s) shall certify that the Manufacturer’s Design Report meets the requirements of 2.3.3. The Inspector shall review the Manufacturer’s Design Report and ensure that the requirements of 2.4.3 have been satisfied.

(a) The engineer or designer shall prepare a statement to be affixed to the document attesting to its compliance with the applicable requirements of the Code (see 2-B.4).