

AN INTERNATIONAL CODE

2007 ASME Boiler & Pressure Vessel Code

III

Division 3

Containments for Transportation and Storage of Spent Nuclear Fuel and High Level Radioactive Material and Waste

RULES FOR CONSTRUCTION OF NUCLEAR FACILITY COMPONENTS



The American Society of
Mechanical Engineers



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FIG. WA-8212-1 FORM OF STAMPING

 (Class)	Certified by _____ (Name of Certificate Holder)
_____ (Year stamped)	_____ (Containment serial number)

WA-8180 RENEWAL OF AUTHORIZATION

Not later than 6 months prior to the date of expiration of any Certificate, the Certificate Holder shall apply for a renewal of such authorization and the issuance of a new Certificate.

WA-8200 NAMEPLATES AND STAMPING**WA-8210 GENERAL REQUIREMENTS****WA-8211 Nameplates**

(a) Each containment or part to which a Code Symbol Stamp is applied shall have a nameplate, except as otherwise permitted by this Subarticle. Marking shall be as required by (1) through (5) below.

(1) the applicable official Code Symbol Stamp, as shown in Table WA-8100-1;

(2) Class of construction;

(3) the statement "Certified by";

(4) Certificate Holder's name;

(5) Containment serial number and, if applicable, National Board number and/or Canadian registration number.

(b) Valves fabricated by a Division 1 Certificate Holder shall be stamped in accordance with NCA-8000.

WA-8212 Stamping

The Code Symbol Stamp shall be stamped on a nameplate attached to an item, except as otherwise permitted by this Subarticle. The arrangement of markings shall be as shown in Fig. WA-8212-1. The data shall be in characters not less than $\frac{3}{32}$ in. (2.5 mm) high. The selected method shall not result in any harmful contamination or sharp discontinuities. Stamping directly on items, when used, shall be done with blunt-nosed continuous or blunt-nose interrupted dot die stamps.

WA-8213 Attachment of Nameplates

(a) The nameplate shall be attached by a method that will not affect the structural integrity of the item.

(b) If the nameplate is marked before it is attached, the Certificate Holder shall assure that the nameplate with the correct marking has been attached and the Inspector shall verify that this has been done.

WA-8220 NAMEPLATES

(a) The markings required by WA-8210 shall be applied to a separate nameplate attached to the item. The nameplate shall be of a visible, permanent type and not detrimental to the item. The type, method, and manner of marking shall be described in the Certificate Holder's Quality Assurance Program or Procedure.

(b) If because of size or other considerations the nameplates cannot be directly attached to the containment, the Certificate Holder may secure the nameplate in a manner acceptable to the Authorized Inspection Agency. The use of this alternative method of identification, including the method of marking, shall be reviewed by and found acceptable to the Authorized Inspection Agency (WA-5121) prior to implementation by the Certificate Holder.

WA-8230 NAMEPLATES FOR NPT STAMPED ITEMS

Parts shall have a separate nameplate equivalent to that required for completed items when the size and use of the item will accommodate such a nameplate. When the size or use of the item will not permit the installation of a nameplate, the marking shall consist of suitable identification of the item until it has been incorporated into the finished containment or other NPT stamped item. This alternative method of marking shall be reviewed with and found acceptable to the Authorized Inspection Agency before being used by the Certificate Holder.

WA-8300 CODE SYMBOL STAMPS**WA-8310 GENERAL REQUIREMENTS**

(a) The Code Symbol Stamp shall be applied by the Certificate Holder only with authorization of the Inspector. In any case, the Code Symbol Stamp shall not be applied until completion of the required examination and testing except as permitted in WA-8311.

(b) Table WA-8100-1 provides Code Symbol Stamp requirements as related to type of certificates, scope of work, and class of construction. The Class of construction shall be indicated by the letters TC or SC stamped below and outside the official Code Symbol Stamp.

(c) The completed Code Data Report certifies that the Inspector has inspected the item and authorized the application of the Code Symbol Stamp. The sequence for stamping and the completion of the Code Data Report shall be determined by agreement between the Authorized Inspection Agency and the Certificate Holder.

WA-8311 Alternative Stamping Requirements

For containments where final closure welds are not completed until after spent nuclear fuel or high level radioactive materials and waste are loaded into the containment, the organization assuming overall responsibility for the containment may apply the N3 Code Symbol Stamp prior to completion of the final closure welds, provided

(a) unique identifiers are permanently marked on each of the containment parts that are to be assembled together;

(b) the Data Report for each containment includes the assigned unique identifiers; and

(c) the procedure for controlling, and the use of, the unique identifiers shall be included in the Certificate Holders Quality Assurance Program and accepted by the Certificate Holders Authorized Inspection Agency prior to use.

WA-8330 REMOVABLE ITEMS

Removable items that form part of a containment shall have unique markings identifiable to an individual containment.

WA-8400 DATA REPORTS

WA-8410 GENERAL REQUIREMENTS

The appropriate Data Report,¹ as specified in Table WA-8100-1, shall be filled out by the Certificate Holder and shall be signed by the Certificate Holder and the Inspector for each item (except as provided elsewhere in this Article) to be marked with a Code Symbol Stamp. Any quantity to which units apply shall be entered on the Manufacturer's Data Report with the chosen units.

WA-8412 Availability of Data Reports

All Data Reports and referenced supporting material shall be available to the Inspector, Owner, and enforcement, or regulatory authority having jurisdiction.

¹ Samples of the forms referred to in this Subarticle may be found in this Subsection. Copies of these forms may be obtained from the Society (<http://www.asme.org/codes/publications/bpvc>).