(a) Materials other than those described herein may not be used unless approved by the Boiler and Pressure Vessel Committee in accordance with Section II, Part D, Mandatory Appendix 5. The materials used for shells, heads, flues, headers, or tubes shall conform to one of the specifications listed in Section II and shall be limited to those listed in Tables HLW-300, HLW-301, and HF-300.2. For plate material, a certificate of compliance or a material test report is required to verify that the chemical and mechanical properties are within the permissible range listed in Section II. Material in all other product forms shall be accepted as complying with its Section II specification when marked as required by (c) below. Material test reports shall be furnished by the mill of origin, except that any material that has lost its identification with a Section II specification, or that is ordered in small quantities, may be accepted, provided that it satisfies the provisions of HLW-202.

(b) If a welded assembly is furnished as a part to the Manufacturer of the completed water heater vessel, a Manufacturer’s Partial Data Report for Water Heaters and Storage Tanks Form HLW-7 shall be provided by the parts Manufacturer. The parts Manufacturer shall comply with all applicable requirements of Part HLW, including inspection by an Authorized Inspector.

(c) The material in (a) above shall have the identification marking required by the appropriate Section II specification. During subsequent steps in fabrication, a painted color identification or some other method acceptable to the Authorized Inspector shall be used for identification. The method used shall remain distinguishable, or be reapplied until the part(s) are affixed in their proper location on the water heater vessel, and until the material is part of a uniquely identifiable subassembly.