

GUIDELINES FOR RENTAL BOILERS

Foreword

Guidelines for Rental Boilers has been developed by the Rental Boiler Group of the American Boiler Manufacturers Association (ABMA) to provide information to rental boiler customers. The contents of this *Guidelines* document are offered as guidance only. ABMA does not assume responsibility or liability for consequences arising from adherence or nonadherence to these guidelines. This publication is intended to supplement information and manuals furnished by equipment suppliers and manufacturers who should be consulted regarding operational or equipment problems.

Members of the ABMA Rental Boiler Group are dedicated to the safe, efficient and reliable operation of rental boiler equipment. These companies urge all prospective customers to carefully weigh all aspects associated with the acquisition and operation of rental boiler equipment and to consult closely with the rental boiler supplier of their choice to obtain the type of equipment to best suit their needs. The contents of this publication should not be construed as an endorsement by ABMA of any product, manufacturer or supplier of rental boiler equipment.

Members of the ABMA Rental Boiler Group include: Affiliated Power Services; Holman Boiler Works, Inc.; Nationwide Boiler, Inc.; Power Mechanical, Inc.; Wabash Power Equipment Company; and Ware.

The American Boiler Manufacturers Association (ABMA) is the national nonprofit trade association of commercial, institutional, industrial, heat recovery, and electricity-generating boiler and combustion equipment manufacturers and their suppliers – the companies and personnel that design and fabricate today’s real-world boiler systems, providing steam and hot water to millions throughout the country and across the globe. ABMA is headquartered in Vienna, Virginia.

1.0 GENERAL

- 1.1 The rental boiler shall be built in accordance with all applicable codes for the design, fabrication, construction, and the assembly of boilers and pressure vessels. The boiler shall bear the ASME code stamp.

Repairs to boilers and pressure vessels shall be performed by an organization in possession of a valid National Board repair "R" certificate of authorization, a valid ASME certificate of authorization containing provision for welded repairs or a valid weld repair program which has been reviewed and verified by an authorized inspection agency.

- 1.2 The boiler shall meet the intent of the application as supplied by the customer.
- 1.3 The boiler shall be equipped with safety devices, controls and equipment that comply with the latest applicable codes such as, but not limited to, the National Fire Protection Association (NFPA); the American Society of Mechanical Engineers (ASME) CSD-1; federal codes; and insurance carrier requirements such as Factory Mutual (FM), Industrial Risk Insurers (IRI), and Hartford Steam Boiler.
- 1.4 The boiler shall comply with applicable federal, state, and/or local emission requirements as specified by the customer.
- 1.5 The boiler shall have annual inspections performed by a recognized inspection agency or by the government regulatory agency. The inspection certificate or documentation shall be available with the boiler as it travels from site to site.
- 1.6 The rental boiler supplier shall demonstrate that the equipment has been properly maintained and is suitable for continued operation. The suggested annual maintenance which follows and/or that which is recommended by the boiler manufacturer should be accomplished. Annual maintenance documentation and the results of inspections shall be available for user review.
- 1.6.1 Hydrostatic test.
- 1.6.2 Waterside and fireside inspection.
- 1.6.3 All safety controls and devices checked for proper operation. All safety valves inspected, serviced, repaired, and/or overhauled by an authorized firm with the appropriate National Board authorization.
- 1.7 The boiler rental company shall maintain records for maintenance, repair, and operations history on the boiler and auxiliary equipment and present when requested by user.

- 1.8 The boiler shall be delivered completely assembled with all controls, safety devices, valving, piping etc. to the greatest extent possible based on allowable shipping and/or weight clearances. An instruction manual shall be provided with the rental.
- 1.9 The boiler start-up shall be performed by a well-qualified service technician and/or service engineer.
- 1.10 The boiler shall be installed properly using sound engineering practices and in accordance with applicable association, trade, federal, state, and local codes. The system shall be installed by a qualified contractor.
- 1.11 If the unit is trailer-mounted, the trailer should be current with Department of Transportation inspections for safety.

Approved by the ABMA Board of Directors –
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Reviewed and Reapproved by Rental Boiler
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