

**SBA REQUIREMENTS FOR MEMBERS AND BOATS ATTENDING SBA EVENTS.**  
**Updated to January 2010.**

**INTRODUCTION.**

Almost since its inception, the SBA has recognised that when it organises Events, it must take reasonable steps to assure the safety of participating members, their families and friends, and of members of the public who might be affected by the event. One element in achieving this has been mandatory requirements for members and their boats to comply with basic essentials. These have been updated and refined over the years, and this document is the latest version, including all the changes that have taken place since the last complete version was published in 2008. Further amendments are likely to be made from time to time, and will be published in Funnel or in Event entry details as they arise.

**THE REQUIREMENTS.**

Any boat taking part in an Event organised by or in the name of the SBA must, at the time of taking part in the event:

1. Have current third party insurance cover for a minimum of three million pounds (£3,000,000), or such amount as the Committee shall from time to time recommend, in respect of any accident involving the boat, its boiler or machinery.

*\* Note 1. In order to ensure adequate insurance cover, it is essential to confirm with the insurers that they are aware that the cover is required in respect of steam raising plant and steam machinery; this may not be included within the meaning of the term “engines” or “machinery” in a standard marine policy.*

*\* Note 2. Steam boat insurance arranged through brokers that provide cover in accordance with the SBA Steam Boat Insurance Conditions will comply with these requirements. A number of brokers including Bishop Skinner Marine (insurance brokers), Simon Winter Marine (insurance brokers) and Insurance Risk and Claims Management (insurance brokers) operate this scheme.*

2. Have a current boiler examination report certified by a competent boiler inspector and stating that, at the time of the boiler examination, the boiler was in a satisfactory condition for use. The boiler examination to which the report refers must have been carried out by a competent boiler inspector in accordance with the principles set out in the Health and Safety Commission Approved Code of Practice “Safety of Pressure Systems”, 2000.

*\* Note 3. “Competent Boiler Inspector” means “Competent Person” as defined fully in the H&SC Code of Practice. In essence, this requires the competent person (or his staff) to have such practical and theoretical knowledge and actual experience of the type of system which is to be examined as will enable defects and weaknesses, which it is the purpose of the examination to discover, to be detected and their importance in relation to the integrity and safety of the system to be assessed: he is also required to be independent of the system operator and to act in an objective and professional manner and carry out examinations solely on the basis of an impartial assessment of the nature and condition of the system under review.*

*\* Note 4. Insurance companies and other commercial inspection organisations, and the SBAS Boiler Inspection Scheme may be relied upon (if they agree to carry out a boiler examination) to supply a competent boiler inspector and apply the principles of the Code of Practice. If the examination is carried out by another organisation or by an independent inspector, the inspector must be asked to state on the examination report that the examination has been carried out in accordance with the H&SC Code of Practice.*

*\* Note 5. For most types of boiler (including tubular boilers other than those defined in Appendix A) an examination report will be current for a period not exceeding 14-months. In the case only of small tubular boilers which comply with the SBA "Definition of Forced Circulation Tubular Steam Generator" [See Appendix A], the report of a thorough examination may be valid for a period not exceeding 5-years PROVIDED THAT the protective devices on the steam generator and any steam/water separator receive interim inspections at intervals not exceeding 26-months. In all cases, it is open to the inspector to issue a report with a shorter period of validity than the maximum; the period of validity starts from the date of satisfactory completion of the examination sequence, (not from the date of issue of the report).*

3. Have signed and submitted to the Event Organiser an SBA Event Declaration form that gives confirmation of compliance with requirements of 1 & 2 above. Boat Owner/Operators who have not provided this Declaration, cannot steam their boat at the event.

*\* Note 6. Not later than the end of the Season, the Safety Officer of the Committee will audit a small random sample of completed event forms to determine that the system is operating correctly. Boat owners are advised to retain any documentation that expires during the season until December in case it is need for audit.*

*\* Note 7. In exceptional circumstances only, SBA Event Organisers are permitted (but may at their sole discretion decline) to allow the boat owner/operator to update an event Declaration form at the Event if the boiler and/or insurance details were not valid or available at the time of making the event application. Members are urged to avoid the need for this exceptional procedure, as it creates extra work for the event organisers, and could lead to a boat's entry being refused.*

4. Carry safety equipment appropriate to the size of the vessel and the waters. This may include paddles or oars for small boats on inland waters, secondary means of propulsion for small boats on salt waters, anchors and warps as appropriate, fire extinguisher(s) or other fire fighting equipment and a first-aid kit. Non-swimmers, and any others required by the boat owner, should wear buoyancy aids.

**Members submitting an entry form for an SBA Event must sign a Declaration on behalf of themselves and their party confirming that, while attending the event, their boat including its steam plant will be insured against third party claims up to at least three million pounds, and that the boiler will be covered by an up to date boiler certificate issued by a recognised boiler inspector, and that they accept responsibility for any loss or damage caused by the boat and/or its crew.**

**THE SBA WOULD TAKE A VERY SERIOUS VIEW IF ANY MEMBER WAS FOUND TO HAVE MADE A FALSE DECLARATION.**

## APPENDIX A.

### **SBA DEFINITION OF A “FORCED CIRCULATION TUBULAR STEAM GENERATOR”**

#### **In connection with SBA Requirements for Boats Attending SBA Events.**

NOTE. This Appendix relates only to “Note 5” of the SBA Requirements (qv ante) and defines boilers which may qualify for an examination interval in excess of the normal 14-month maximum

For the purpose of compliance with the SBA Requirements for steam boats attending SBA events, a forced circulation tubular steam generator is:

A steam generator in which the heated element is a continuous coil of tube of internal diameter not exceeding 10-mm actual size, or several such tubes operating in parallel and connected together at their water inlet and steam delivery ends. The total internal volume of the tubes (together with any components fitted to them) between the water inlet check valve and the first stop valve downstream of the last heated component shall not exceed two litres. The steam generator shall not include or have connected to it any receiver, drum, reservoir or similar, heated or unheated containing steam or hot water under pressure (this prohibition does not apply to the intrinsic components of engines driven by the boiler, nor to non-heated steam/water separators if required in the system. Boiler tubes, pipe fittings, valves, etc., shall be rated for the design working pressure and metal and steam temperatures of the steam generator.

With the exception, where essential, of water feed and steam delivery pipework, gauges and instruments, controls and protective devices, the whole of the boiler pressure system shall be confined within a casing of such form and strength that, in the event of the rupture of a tube or fitting, the hot water and steam contents of the boiler will be confined until dispersed safely up the funnel.

The boiler shall be fitted with the following as a minimum: a pressure relief valve capable of preventing the boiler pressure exceeding the design working pressure, a pressure gauge, a means of controlling the firing rate sufficient to prevent steam and metal temperatures exceeding design limits. So far as reasonably practicable, the following shall- also be fitted: steam and metal temperature gauges, feed flow indicator or feed pressure gauge, protective devices to prevent steam and metal temperatures exceeding design limits.

Where generators do not comply with this definition a Design Assessment and Written Scheme of Examination prepared by a competent person is required.