



Changes of significance within BSS Examination Checking Procedures Edition 5, Revision 0 - July 2023, compared with Edition 4, Version 0.2 – 28 September 2021

Annex B Explanation of significant changes in ECP Appendices

Reading notes: Deletions over the September 2021 non-controlled review version of the ECP are shown in ~~red strikethrough~~ and insertions are shown in blue underline.

BSS Examination Checking Procedures – Appendix F – 230V AC Safe Disconnection Process

Significant Change F/1

Introduced improved reminder information into Appendix F – BSS 230V AC Safe Disconnection Process Section 2.2 to consider other power sources.

2.2 Does the owner state that the vessel is already disconnected?

If the owner states that the vessel is already disconnected, (including that any alternative and/or auto-start 230V power sources are disconnected or disabled), then go straight to point 3.4 to confirm that the boat is electrically dead

Explanation of change

New text included for added clarity

Significant Change F/2

Introduced improved instruction into Appendix F – BSS 230V AC Safe Disconnection Process Section 5.1.2. to 'Contact the owner'.

5.1.2 Owner not present but Examiner has permission to re-energise

If the owner is not present, but the Examiner has permission to re-energise, preferably in writing, then the Examiner should proceed as per the 'Examination agreement with owner', which may include reconnecting any 230V loads (appliances etc.) that were turned off before the 230V was disconnected.

If the electrical systems do not re-energise as expected, then the Examiner should ~~follow the Steps agreed with the owner in the 'Examination agreement with owner'~~ contact the owner.

Explanation of change

Reworded to better reflect the required/appropriate action.

BSS Examination Checking Procedures – Appendix 2 [supporting ECP Part 2]

Significant Change 2/1

Introduced improved information into Appendix 2 Section 1.4 - Fuel tanks – unsuitable materials. Additional guidance and definitions added to this section.

Explanation of change

The new text provides added clarity concerning metal coated (e.g. galvanised) tanks that is not addressed by the text in the September 2021 Edition.

Significant Change 2/2

Introduced improved information into Appendix 2 Section 2.2 - Fuel tank vent facility arrangements concerning the height of filling and vent points.

Explanation of change

The new text provides added clarity concerning a specific tank design that is not addressed by the drawings in the September 2021 Edition.

Significant Change 2/3

Inappropriate text has been withdrawn from Appendix 2b - BSS Requirements for steam engine pressure system inspection certificates (Check 2.16.1). The changes are shown in ~~red~~ for deleted text.

The report must be carefully checked for words or statements such as:

- satisfactory/unsatisfactory
- in order/not in order
- repairs required.
- ~~If repairs have been required there is usually documentary evidence that they have been carried out satisfactorily. If not, the owner must be asked to supply the necessary information.~~

Explanation of change

The deletion of the fourth bullet-point reflects recent advice from the Steam Boat Association that it is not enough for the boat owner to show they have carried out the work required as a result of the failed inspection – a second inspection has to take place so that a ‘pass’ certificate is present.

The standard procedure with a boiler inspection is that either the boiler is certified as satisfactory for use or the report states that it is not satisfactory. Where a boiler fails its inspection, the reasons will be specified, and it is up to the owner to have the necessary rectification work carried out. The important final element is that the boiler then needs to be inspected again by the competent boiler inspector and all necessary tests carried out.

Therefore, Examiners should not be concerned with any repairs, but rather need to confirm that a valid ‘pass’ certificate is in place.

BSS Examination Checking Procedures – Appendix 5 [supporting ECP Part 5]

Significant Change 5/1

An amendment to the guidance supporting the amended check 5.3.2 see Appendix 5, Section 2.4 – The Petroleum (Consolidation) Regulations 2014.

The first extract shows part of Section 2.4 from the September 2021 Appendix, and the second extract shows the changed layout for the 2023 Appendix.

e) be marked or labelled in a legible and indelible form with—

- i) the words “PETROL” and “HIGHLY FLAMMABLE”;
- ii) an appropriate hazard warning sign;
- iii) the nominal capacity in litres; and
- iv) the manufacturer’s name and the date and month of manufacture.

e) be marked or labelled in a legible and indelible form with—

- i) the words “PETROL” and “HIGHLY FLAMMABLE”;
- ii) an appropriate hazard warning sign;
- iii) the nominal capacity in litres; and
- iv) the manufacturer’s name and the date and month of manufacture.

Explanation of change

In the 2023 extract the text line relating to an appropriate hazard warning sign is not grey highlighted. The grey highlighting has been removed because the BSS Requirement for portable petrol containers to be marked with an appropriate hazard warning sign has been removed (see the changes set out at Check 5.3.2 above).

BSS Examination Checking Procedures – Appendix 7 [supporting ECP Part 7]

Significant Change 7/1

Improved information introduced into Appendix 7 Section 1.2 - 'Self-draining' cockpits include two new paragraphs (2 and 3).

Explanation of change

The new text provides references to BS PD 54823 and improved descriptions of 'self-draining cockpits'.

Significant Change 7/2

The following text is from Appendix 7 Section 1.4.

Lockers are enclosures that:

- are vapour-tight up to the level of the top of the cylinder valves, or other high-pressure components where these are higher; and,
- are fitted with a drain to the outside; and,
- must not open into ~~the interior of the vessel, including~~ engine ~~and~~ or battery spaces.

Explanation of change

The revised text replaces the previous, technically, incorrect text.

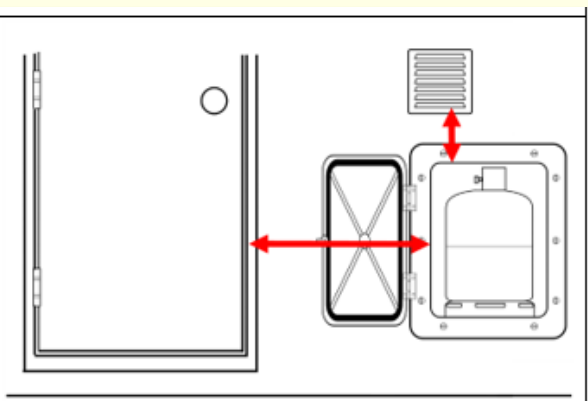
Significant Change 7/3

Correction the supporting text to a diagram in Appendix 7 Section 1.5 - Measuring between cylinders, housings and openings into the interior of the vessel and ignition sources. The changes are shown in blue for new text and ~~red~~ for deleted text.

~~At Check 7.2.4, side-opening lockers must not be located within 0.5m of openings into the interior of the vessel, or any source of ignition:~~

At Check 7.2.4, side-opening lockers with door openings within 0.5m of an opening into the interior of the vessel, or any source of ignition, must be fitted with a continuous seal around the whole door.

As shown by the accompanying drawing, the distance to measure is the shortest between the locker opening and any opening into the interior of the vessel (or the source of ignition).



Explanation of change

The new text replaces the previous, technically, incorrect text.

Significant Change 7/4

Correction of a repeated image which was an error in Appendix 7 Section 1.5 - Measuring between cylinders, housings and openings into the interior of the vessel and ignition sources (fourth of four drawings).

Explanation of change

In the September 2021 edition, incorrectly, the third and fourth drawings were identical. The September 2021 fourth drawing has been replaced with the correct drawing (inserted below the deleted drawing).

Significant change 7/5

Improved information introduced into Appendix 7 Section 1.6 concerning LPG cylinders stored in outboard wells.

Explanation of change

Although LPG cylinders are not frequently stored in outboard wells, adding the new text into Appendix 7 will help ensure all Examiners and other interested parties have access to the Requirement guidance.

BSS Examination Checking Procedures – Significant Appendix 8 [supporting ECP Part 8]

Significant Change 8/1

Improved detail has been introduced into Appendix 8 Section 1 – Essential material needed by Examiners to be able to apply certain Part 8 Checks linked to ‘examining fuel feed shut-off valves for liquid fuelled appliances’.

Explanation of change

The new text replaces the first Applicability at Check 8.1.2 (Sept 21 Edition) and helps to better align the BSS Requirements for liquid-fuel shut-offs with RCD Harmonised standard ISO 14985.

Significant Change 8/2

Improved information introduced into Appendix 8 Section 1 – a new section 1.3 which contains essential information to allow Examiners to apply certain Part 8 Checks in respect of securing of solid fuel stoves including methods considered to be compliant and some which are not.

Explanation of change

The new text provides added clarity concerning the compliance options for the securing of solid fuel stoves at Check 8.4.3.

Significant Change 8/3

Improved information introduced into Appendix 8, Section 2 – Additional information to support BSS Examiner’s understanding of the BSS Requirements in respect of Check 8.10.4 – flue spillage testing on LPG instantaneous water heaters.

Explanation of change

The new text provides added clarity concerning when Examiners should not undertake a flue spillage test on instantaneous water heaters and supports the slightly revised approach at Check 8.10.4.

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Significant Change 8/4

Appendix 8a – this has been much expanded and improved with greater detail.

New sections have been added to reflect the training modules and these include the following topics: -

- Number of persons for which the accommodation space is designed.
- Establishing the heat input ratings of the fuel burning appliances.
- The 50:50 high and low-level split and divergence.
- Fixed ventilation calculation in separate compartments.
- Recording appliances, the fixed ventilation calculations and all effective fixed ventilation.
- Ventilation through cockpits with canopies.
- Ventilators in series.
- Ventilation ducted through compartments.
- Fuel burning appliances within engine spaces.
- Ventilation pathways through engine spaces
- The actual height of high and low-level ventilators.
- Appliances in cupboards, or other similar locations.
- Ventilation for the comfort of craft occupants.

Explanation of change
The revised text provides added clarity around the BSS fixed ventilation Requirements and brings across guidance from the related BSS Examiner online training into the ECP Appendix 8a for ease of reference.

– Significant Change Document for ECP Appendices, Annex B Ends –