

<p><u>NPI</u> NPI 01-12</p>	<p>Britannia Fire Ltd self-maintenance portable fire extinguishers</p>	<p><u>Relates to BSS Check(s)</u> 2005: 6.1.1-3 incl. 2002: 6.1.1/4/5/6</p>
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Reasons for inclusion

Britannia Fire Ltd has introduced its Fireworld P50 range of portable fire extinguishers. Although they are fairly large capacity units, they are being sold through Safelincs Ltd as, 'particularly suited for boat environments' and so BSS Examiners may come across them.

Description / scenario

Two models in the current range are BSS compliant [Fig 1]:

- P50P, a 6kg ABC dry powder of 43A/183B
- P50F, a 6 litre AB foam model of 27A /183B fire rating.

Both are certified to EN 3 by Belgian accredited certification body – APRAGAZ. [see Fig 2]

Both models consist of an inner composite plastic cylinder cocooned in Kevlar fibre and protected against the elements by an outer protection cylinder made of HDPE. The design is similar to [lightweight LPG gas bottles](#) and is claimed to be 100% recyclable.

The company claims the extinguishers do not require any maintenance call outs at all and no refill is required after five years. Owners of these extinguishers can carry out an annual visual inspection themselves and then record this inspection on a log on the back of the extinguisher.

Implications for BSS examinations

BSS Check 6.1.2 (and '02 6.1.1) - the Britannia Fire Ltd Fireworld P50 portable fire extinguishers are compliant with these checks. The APRAGAZ certification mark [Fig 2] is now accepted by the BSS, see [ECP Change ECP 01-12](#)

BSS Check 6.1.3 (and '02 6.1.4) – BSS Examiners should apply the published checks to verify the condition meets the Scheme's minimum requirements.

There are two pressure gauges [see Fig 3] on the Fireworld units, one used to calibrate against the other. If the indicators on either or both gauges are in the red sectors, record the check as 'not passed'.

The HDPE outer casing should also be examined for signs of damage or deterioration *materially affecting, or likely to affect, the integrity, efficiency or operation* [\[ECP Glossary\]](#) of the extinguisher.



Fig 1



Fig 2



Fig 3