

Certificate of Product Approval

Certificate Number: 135b

Issue: 04

Dewey Waters Limited

Heritage Works
Winterstoke Road
Weston-Super-Mare
Somerset
BS24 9AN
United Kingdom

is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Sectional GRP tanks for automatic sprinkler systems

(refer to attached appendix for details)

Standards

LPS 1276: Issue 1.1

Requirements for the LPCB Certification and Listing of above Ground Suction Tanks for Sprinkler Systems

This certificate and appendix is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

S. A. Colwell

Signed for BRE Global Ltd.

Sarah Colwell

Verifier

7 February 2020

Date of Issue

14 March 2008

Date of First Issue



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Appendix to Certificate No: 135b Dewey Waters Limited

Issue: 04

Sectional GRP Tanks to LPS 1276: Issue 1.1

Tank Type	Description	LPCB Ref. No.
Single supply tank	Hot pressed moulded sectional GRP tank Maximum height 4m <i>Maximum capacity 1300m³</i>	135b/03
Superior supply tank	Hot pressed moulded sectional GRP tank Maximum height 4m <i>Maximum capacity 1300m³</i>	135b/04

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Notes for LPS 1276 tanks:

1. In accordance with the requirements of BS EN 12845, the following definitions are derived:

Single supply tank: A water storage tank which shall be designed and protected against corrosion such that the need for emptying the tank for maintenance is reduced to a period of **not less than 3 years**.

Superior supply tank: A water storage tank which shall be designed and protected against corrosion such that the need for emptying the tank for maintenance is reduced to a period of **not less than 10 years**.

2. Each single-supply or multi-level take-off tank supplied under this approval scheme must not exceed a maximum capacity of 1300m³. Duplicate sub-divided tanks may have a total capacity not exceeding 2600m³, provided the dividing wall is structurally capable of supporting either compartment full whilst the other is empty, and the maximum capacity of each compartment does not exceed 1300m³.
3. It may be necessary for a current Regulations Advisory Scheme, WRAS (formerly Wrc) certificate to be held by the manufacturer, specific to each tank listed.
4. Galvanised "Superior" steel tanks shall have the tank shell protected by:
- A coating weight of at least 610g/m² each side, with such tank entries marked 'g', or
 - An equivalent corrosion protection system which has been specifically approved and listed by the LPCB, with such tank entries marked 'e'.
5. The purchaser shall specify the required tank designation "Superior" or "Single" in accordance with the LPC *Rules for Automatic Sprinkler Installations*, together with the tank reference number.
6. The tank must bear a plate stating:
- The name and address of the manufacturer.
 - The date of installation.
 - The LPCB Reference Number, including the type suffix ("Superior" or "Single") which has been specified by the purchaser and agreed by the manufacturer.
 - The maximum capacity in cubic metres. Multi-supply tanks must indicate the capacity for the automatic sprinkler system separately.
7. Specifiers of LPCB approved sprinkler suction tanks are advised to ensure that where a vortex inhibitor is used in accordance with the LPC Sprinkler Rules, that the vortex inhibitor used is listed in Part 5 Section 14 of the Red Book as LPCB approved.
8. Where "Superior" tank shell exteriors are not protected by 610g/m² or equivalent, appropriate inspection, service and maintenance shall be specified. Exterior shell protection of 300g/m² galvanising is set as the minimum acceptable level of exterior protection coupled with specified inspection service and maintenance.
9. Immersion heaters used to prevent the ball valve and water in the vicinity from freezing shall be dual element type.

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