

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

  

[Resource detail](#)

[Citations](#)

## BS 4994:1987 Specification For Design And Construction Of Vessels And Tanks In Reinforced Plastics

[View on Information Provider website](#)

Abbreviation

BS 4994:1987

Valid from

30/06/1987

---

Information provider

Standards New Zealand

Author

British Standards Institution

Information type

British Standard

Format

PDF

---

Cited By

[This resource is cited by 1 document \(show Citations\)](#)

---

Description

This British Standard specifies requirements for the design, materials, construction, inspection, testing and erection of vessels and tanks in reinforced plastics, consisting of a polyester, epoxy or furane resin system reinforced with glass fibres, manufactured by the wet lay-up process. Constructions both with and without a lining of thermoplastics are included.

Laminar constructions are usually anisotropic and the design method in this standard, being based on unit loadings, is particularly suited to the design of composites of reinforced plastics.

This standard covers vessels and tanks subject to temperatures between -30°C and 110°C.

This revision of this British Standard has been made to take account of experience with reinforced plastics vessels and tanks and opportunity has been taken to extend the scope to include filament winding and rectangular tanks and to categorize vessels in relation to duty.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#)

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

# BS 4994:1987 Specification For Design And Construction Of Vessels And Tanks In Reinforced Plastics

This document is CITED BY:

- [BS 7159:1989](#)

BS 4994:1987 is cited by BS 7159:1989 Code of practice for design and construction of glass-reinforced plastics (GRP) piping systems for individual plants or sites

[Back](#)

# BS 4994:1987 Specification For Design And Construction Of Vessels And Tanks In Reinforced Plastics

Show what documents this resource is CITED BY

Show what documents this resource CITES

## Description

This British Standard specifies requirements for the design, materials, construction, inspection, testing and erection of vessels and tanks in reinforced plastics, consisting of a polyester, epoxy or furane resin system reinforced with glass fibres, manufactured by the wet lay-up process. Constructions both with and without a lining of thermoplastics are included.

Laminar constructions are usually anisotropic and the design method in this standard, being based on unit loadings, is particularly suited to the design of composites of reinforced plastics.

This standard covers vessels and tanks subject to temperatures between -30°C and 110°C.

This revision of this British Standard has been made to take account of experience with reinforced plastics vessels and tanks and opportunity has been taken to extend the scope to include filament winding and rectangular tanks and to categorize vessels in relation to duty.

[View on Information Provider website](#)

## [BS 4994:1987 Specification For Design And Construction Of Vessels And Tanks In Reinforced Plastics](#)

## Description

This British Standard specifies requirements for the design, materials, construction, inspection, testing and erection of vessels and tanks in reinforced plastics, consisting of a polyester, epoxy or furane resin system reinforced with glass fibres, manufactured by the wet lay-up process. Constructions both with and without a lining of thermoplastics are included.

Laminar constructions are usually anisotropic and the design method in this standard, being based on unit loadings, is particularly suited to the design of composites of reinforced plastics.

This standard covers vessels and tanks subject to temperatures between -30°C and 110°C.

This revision of this British Standard has been made to take account of experience with reinforced plastics vessels and tanks and opportunity has been taken to extend the scope to include filament winding and rectangular tanks and to categorize vessels in relation to duty.

[View on Information Provider website](#)

This resource does not cite any other resources.

# BS 4994:1987 Specification For Design And Construction Of Vessels And Tanks In Reinforced Plastics

This resource does not CITE any other resources.

Back

Close

**Table of Contents**

Print

[Save](#)

Email

[Feedback](#)


- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)


[Feedback](#)