

## As 1085 14 2012 Railway Track Material Prestressed

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### As 1085 14 2012 Railway

Railway track material, Part 14: Prestressed concrete sleepers Designation: AS 1085.14-2012 SDO: SA Status: Current Published: 2012 Reconfirmed: Withdrawn: Committee: CE-002 (Railway Track Materials) Product Type: Standard Supersedes Publication(s) AS 1085.14-2003; Superseded By: AS 1085.14:2019

### AS 1085.14-2012 - Standards Australia

AS 1085.19-2003 (R2013) Railway track material Resilient fastening assemblies: AS 3600-2009 : Concrete structures: AS 1379-2007 (R2017) Specification and supply of concrete: AS/RISSB 7639 : 2013 : Railway Infrastructure - Track Structure and Support - Infrastructure: AS 3582.1-1998

### AS 1085.14-2012 | Railway track material Prestressed ...

AS 1085.14-2012 Railway track material - Prestressed concrete sleepers (FOREIGN STANDARD) Specifies requirements for design, manufacture and installation of prestressed concrete sleepers for use in railway track. Means of assessing sleeper loads are provided.

### AS 1085.14-2012 - Railway track material - Prestressed ...

Railway safety management Track, civil and electrical infrastructure: AS 1085.20-2012 : Railway track material Welding of steel rail: AS 1085.14-2012 : Railway track material Prestressed concrete sleepers: AS 1418.1-2002 : Cranes, hoists and winches General requirements: AS 1085.4-2002 (R2013) Railway track material Fishbolts and nuts: AS 1085.12-2002 (R2013)

### AS 1085.1-2002 (R2013) | Railway track material Steel ...

AS 1085.14-2003 : Railway track material Prestressed concrete sleepers: HB 18.28-2005 : Conformity assessment - Guidance on a third-party certification system for products: AS 3998-2006 : Non-destructive testing - Qualification and certification of personnel: AS 1085.18-2003 (R2013) Railway track material Screw spikes and threaded inserts

### AS 1085.20-2012 | Railway track material Welding of steel ...

AS 1085.14-2012 : Railway track material Prestressed concrete sleepers: AS 1085.20-2012 : Railway track material Welding of steel rail: AS 1085.14-2003 : Railway track material Prestressed concrete sleepers: AS 4292.2-2006 : Railway safety management Track, civil and electrical infrastructure

### AS 1085.19-2003 (R2013) | Railway track material Resilient ...

AS 1085.1 Railway Track Material, Part 1: Steel Rails. Type: Standards: Edition Number: 2019: Publication Date: Sep 25, 2019: Last Updated: Sep 25, 2019: Version: 1.0: This Standard specifies requirements for as-rolled and hardened steel rails made from continuously cast blooms and profiles for asymmetric switch rails and elevated guardrails ...

### AS 1085.1 Railway Track Material, Part 1: Steel Rails ...

AS 1085.14-2012 Railway track material - Prestressed concrete sleepers Specifies requirements for design, manufacture and installation of prestressed concrete sleepers for use in railway track. Means of assessing sleeper loads are provided. Test methods are given in appendices, including sleeper bending, electrical short and repeated load tests.

### Australian Standards

dynamic forces applied to the railway track, evaluation of the reserve capacity of typical prestressed concrete sleepers designed to the current code AS 1085.14, in order to develop a new limit states design concept that is taking care of the realistic loading conditions and the true capacity of the sleepers.

### Dynamic design guidelines for prestressed concrete sleepers

USC, the international railway union, has issued a standard (#710) for concrete sleepers. In other countries, such as Malaysia and Singapore, various standards are used, such as Australian Standards, AS 1085.14:2012 (Railway Track Material - Prestressed Concrete Sleepers), or EN 13230-4:2016 (Railway applications - Track Concrete sleepers and bearers, Part 4: Prestressed bearers for switches and crossings).

### Concrete sleeper - Wikipedia

AS 1085.14—2003 2 PREFACE This Standard was prepared by the Standards Australia Committee CE-002, Railway Track Materials, to supersede AS 1085.14—1997, Railway permanent way material, Part 14: Prestressed concrete sleepers. The objective of this Standard is to provide purchasers and suppliers including owners,

### AS 1085.14-2003 Railway track material - Prestressed ...

AS 1085.14-2003 Superseded View Superseded By. Superseded A superseded Standard is one, which is fully ... AS 1085.20-2012 : Railway track material Welding of steel rail: AS 4292.2-2006 : Railway safety management Track, civil and electrical infrastructure: Add To Cart

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AS 1085.14 Railway track material, Part 14: Prestressed concrete sleepers. Standards PDF Preview Download Add to Download Queue Change Request. Share. Standards. Share AS 1085.14 Railway track material, Part 14: Prestressed concrete sleepers. Type: Standards: Edition Number: 2019: Publication Date: Dec 2, 2019 ...

**AS 1085.14 Railway track material, Part 14: Prestressed ...**

28 Nov 2017. RISSB milestone achieved - ownership of AS 1085 Railway Track Materials series of standards transitioned to RISSB. RISSB is pleased to announce that it has taken over the management from Standards Australia of the AS 1085 series of standards (Railway Track Materials), and will be maintaining them into the future.

**RISSB milestone achieved - ownership of AS 1085 Railway ...**

01/01/2012 ISBN(s): 978174342282 Number of Pages: 85 File Size: 1 file , 1.3 MB Product Code(s): 10093689, 10093624, 10093638 Document History. AS 1085.20-2012 currently viewing. January 2012 Railway track material - Part 20: Welding of steel rail

**AS 1085.20-2012 - Techstreet**

Benefits. Standards based manufacture in accordance with AS 1085.14: 2012 - Prestressed Concrete Sleepers; Rail fastening system: Pandrol "E" Clip

**Railway Sleepers | Humes**

Discussion of "Evaluation of an Innovative Composite Railway Sleeper for a Narrow-Gauge Track under Static Load" by Wahid Ferdous, Allan Manalo, Gerard Van Erp, Thiru Aravinthan, and Kazem Ghabraie ... Standards Australia. 2012. Railway track material. Part 14: Prestressed concrete sleepers. ... AS 1085.14-2003. Sydney, Australia: Standards ...

**Discussion of "Evaluation of an Innovative Composite ...**

Further, RSD is not reported as use of prestressing, the use of high strength concrete (HSC) is necessary in the production of PCSs. The minimum compressive strength of concrete is 50 MPa in Australia (AS-1085.14 2012) and 48.3 MPa (7,000 psi) in USA (Lutch et al. 2009).

**Title of paper - EJSE**

wheels or rail head surface defects which are crudely accounted for in AS 1085.14 by a single load factor. The current design philosophy, outlined in AS 1085.14, is based on assessment of permissible stresses resulting from quasi-static wheel loads and essentially the static response of concrete sleepers.

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