

Bibliography

Books

1. Abeles, P. W., *The Principles and Practice of Prestressed Concrete*, Crosby Lockwood and Sons, 1949.
2. Collins, M. P. and Mitchell, D., *Prestressed Concrete Structures*, Prentice-Hall, Inc., 1991.
3. Guyon, Y., *Prestressed Concrete*, John Wiley and Sons, Vol.1, 1953, Vol. 2, 1960.
4. Khan, S. and Williams, M., *Post-tensioned Concrete Floors*, Butterworth-Heinemann Ltd., 1995.
5. Krishna Raju, N., *Prestressed Concrete*, 3rd Edition, Tata McGraw-Hill Publishing Company Ltd., 1998.
6. Leonhardt, F., *Prestressed Concrete – Design and Construction*, 2nd Edition, Wilhelm Ernst and Sohn, 1964.
7. Lin, T. Y. and Burns, N. H., *Design of Prestressed Concrete Structures*, 3rd Edition, John Wiley & Sons, 1982.
8. Magnel, G., *Prestressed Concrete*, Concrete Publications, 1948.
9. Nawy, E. G., *Prestressed Concrete – A Fundamental Approach*, 5th Edition, Prentice-Hall, Inc., 2006.
10. Nilson, A., *Design of Prestressed Concrete*, 2nd Edition, John Wiley & Sons, 1987.
11. Rajagopalan, N., *Prestressed Concrete*, Narosa Publishing House, 2005.

Codes

The codes related with prestressed concrete are listed below according to the publishing agencies.

Bureau of Indian Standards

IS:784 - 2001 *Prestressed Concrete Pipes (Including Fittings) - Specification*

IS:1343 - 1980 *Code of Practice for Prestressed Concrete*

IS:1678 - 1998 *Specification for Prestressed Concrete Poles for Overhead Power, Traction and Telecommunication Lines*

IS:1785 - 1983 *Specification for Plain Hard Drawn Steel Wire for Prestressed Concrete*

Part-1: *Cold-drawn Stress-relieved wire*

Part-2: *As-drawn wire*

IS: 2090 - 1983 *Specification for High Tensile Steel Bars Used in Prestressed Concrete*

IS:2193 - 1986 *Specification for Precast Prestressed Concrete Steel Lighting Poles*

IS:3370 - 1967 *Code of Practice for Concrete Structures for Storage of Liquids*

Part-3: *Prestressed Concrete Structures*

IS:6003 - 1983 *Specification for Indented Wire for Prestressed Concrete*

IS:6006 - 1983 *Specification for Uncoated Stress Relieved Strand for Prestressed Concrete*

IS:6461 - 1973 *Glossary of Terms Relating to Cement Concrete*

Part 11: *Prestressed Concrete*

IS:10790 - 1984 *Methods of Sampling of Steel for Prestressed and Reinforced Concrete*

Part-1: *Prestressing Steel*

Part-2: *Reinforcing Steel*

IS:13158 - 1991 *Specification for Prestressed Concrete Circular Spun Poles for Overhead Power, Traction and Telecommunication Lines*

IS: 14268 - 1995 *Specification for Uncoated Stress Relieved Low Relaxation Seven Ply Strand for Prestressed Concrete*

The Indian Roads Congress

IRC:18 - 2000, *Design Criteria for Prestressed Concrete Road Bridges (Post-tensioned Concrete).*

Ministry of Railways, Government of India

IRS Concrete Bridge Code: 1997, *Indian Railway Standard Code of Practice for Plain, Reinforced and Prestressed Concrete for General Bridge Construction.*

American Concrete Institute, USA

ACI 318M-05, *Building Code Requirements for Structural Concrete and Commentary.*

British Standard Institution, UK

BS 8110 : Part 1 : 1997, *Structural Use of Concrete : Part 1 Code of Practice for Design and Construction.*

Council of Standards Australia

AS 3600, *Concrete Structures, 2001.*

European Committee for Standardisation

EN 1992, *Design of Concrete Structures, 2005.*

Handbook

The following handbook is published by the Precast/Prestressed Concrete Institute, USA.

PCI Design Handbook, 5th Edition.