Locating Railway Information

The following is a list of key shelf numbers for the power subject area. If you are looking for a particular book please check the library catalogue.

Contact mechanics 620.11251  Passenger carriages 625.23
Diesel locomotives 621.4382  Permanent Way 625.14
Electric motors 621.313  Railway accidents 656.28
Electric rail and trolley systems 625.6  Railway histories 656.2
Elevated, magnetic suspension 625.44  Rails and rail fastenings 625.15
Freight wagons 625.24  Railway transport 656.2
History of locomotives 621.1302  Rapid transit systems 625.4
Light Railways 625.6  Rolling stock 625.2
Locomotives 621.1302  Running gear 625.21
Monorail, linear motor 625.43  Tunnels 625.13

Useful Books

Bonnell C F, Practical railway engineering 656.2 BON
Bosley P, Light railways in England and Wales 625.6 BOS
British Railways, Diesel traction manual for enginemen 621.4362 BRI
Cope C H, British railway track 621.1 PER
Cope D L, British railway track, vol 5 switch and crossing maintenance 625.14 PER
Cope D L, British railway track, vol 4 plain line maintenance 625.14 PER
Davies D, Automatic train protection for the railway network in Britain 656.28 DAV
Esveld C, Modern railway track 656.2 GIB
Dover A T, Electric traction 621.33 DOV
First RIA traction and rolling stock course 656.2 RAI Oversize
Hughes A, Electric motors and drives 621.313 HUG
Lawson D, Engineering disasters – lessons to be learned 614.8 LAW
Lichberger, Track Compendium 625.14 LIC
Macfarlane I, Railway safety brakes 625.25 MAC
Morgan J C, British railway track, vol 1: track design, part 3: Bull Head 621.14 PER
Profillidis V A, Railway Engineering 656.2 PRO
Rolt L T C, Red for danger 656.28 ROL
Ross J, Railway stations: planning, design and management 656.2 ROS Oversize

Railway Directories (shelved 656.2 Directory Shelves)

Bushell C, Railway directory
Harris K, Jane’s world railways
Johnston H, The comprehensive guide to Britain’s rail infrastructure
Keeping track: the essential transport directory
Rail freight handbook
Railway Group Standards catalogue

E-books

The following electronic books are available on the Knovel database in the Virtual Library.

Goryacheva I G, Contact mechanics in tribology, 1998

Recent IMechE power conferences and seminars

These are shelved alphabetically by year in the Conference/Seminar section of the library.

Intelligent trains - use of rail vehicle condition monitoring, IMechE seminar 2008
International rail accident investigation conference, IMechE seminar 2007
Making electrification happen, IMechE seminar 2008
Newer, cleaner, cheaper energy for today’s rail system, IMechE seminar 2006
Optimising the future railway: the work of the system interface committee, IMechE seminar 2007
Rail engineering skills and competency - developing the future, IMechE seminar 2008
Railway capacity: the engineering challenge, IMechE seminar 2007
Railways for the 2012 Games, IMechE seminar 2006
The 2007 NFRIP seminar, IMechE seminar 2007
The intelligent railway, IMechE seminar 2006
Trains and infrastructure – making the interface work better, IMechE seminar 20076
Working together for a better railway - breaking down the barriers, IMechE seminar 2006
World class engineering for the modern British railway, IMechE seminar 2007

Useful Journals

Please check the library catalogue to see if the library subscribes to your required journal. Current issues of key journals are held on the journal display rack. The back copies of these journals are stored in the basement. Please ask a member of staff if you wish to view any and they will be retrieved for you. This generally takes 10-15 minutes.

American engineer and railroad journal 1893-1911
Annual proceedings of the Railway Fuel and Travelling Engineers’ Association 1937-1951
Annual reports of proceedings of the American Railway Master Mechanics’ Association 1874-1918
Bulletin de le Commission Internationale du Congres des chemins de fer 1887-1894
Developing railways a Railway Gazette yearbook 1974-1993
Diesel railway traction 1950-1963
Electric railway journal 1908-1931
European railway review 1995-2001

Journal and report of proceedings of the Permanent Way Institution 1927-1986,
Journal of the Institution of Locomotive Engineers 1911-68
LMS railway magazine 1923/24
The locomotive 1936/37-1996
Locomotive railway carriage and wagon review 1916-1959
Locomotives and railways 1900-1902
Modern railways 1962-
Moore's monthly magazine 1896
Locomotive magazine 1897-1915
Overseas railways 1948, 1957-1964

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Proceedings of the Institution of Mechanical Engineers Part F Journal of rail and rapid transit 1989-
Proceedings of the Institution of Railway Signal Engineers 1923/25-1990/91
Proceedings of the locomotive and carriage superintendents' committee 1908-1926
Rail 1999-
Rail international: Schienen der Welt 1970-
Rail traction bulletin 1960-n4 1965
Railroad and engineering journal 1887-1892
Railway age gazette 1913-1914
Railway engineer 1880-1935/35

Railway gazette international 1905-
Railway magazine 1897-
Railway mechanical engineer 1925-1952
Railway signaling and communication 1947-1970
Railway steel topics 1952/53-1967/68
Railway strategies v11 2002-
Railway systems control 1970-1971
Revue generale des chemins de fer 1878-1983
Street railway journal 1905-1908
Swindon Engineering Society transactions
Traction and transmission 1901-1904
Transport 1892-1905
ZEV rail Glassers Annalen 1928-

A number of journals are available electronically via EBSCOhost which is available in the IMechE Virtual Library. Click here to see a list of titles or to see titles by subject.

Useful websites

Organisations
Association of Train Operating Companies www.atoc.org
European Association for Railway Interoperability www.aeif.org
Institute of Railway Signal Engineers www.irse.org
Light Rail Transit Association www.lrta.org
Permanent Rail Institution wwwpermanentwayinstitution.com
Rail Freight Group www.rfg.org.uk
Railway Forum Trade association www.railwayforum.com
Transport for London www.tfl.gov.uk

Company Directories
Keeping Track Railway Directory wwwkeepingtrack.co.uk
Network rail wwwnetworkrail.co.uk
Railway Gazette Directory www.railwaygazette.com(links/mainline.asp
Railway Industry Association wwwriagb.org.uk
Railnews www.railnews.co.uk
Rob Armstrong’s Rail Industry Pages wwwrail-industry.info
Web Directory of UK Railway links wwwirail.co.uk

Environment
Energy Efficiencies Technologies for Railways wwwrailway-energy.org/tfee/index.php
Environment Agency (UK) wwwenvironment-agency.gov.uk
Keep Kyoto on Track with Railways and Public Transport wwwrailway-mobility.org
UIC International Federation of Railways – Environment Information wwwuicasso.fr/environnement
European Environment Agency www.eea.eu.int/main_html

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<td>Devil’s guide to the railway industry</td>
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