

# Electric Railway Journal

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12637

Volume XLIX  
*January to June, 1917*

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McGraw-Hill Publishing Company, Inc.  
239 West 39th Street, New York City

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# Instructions for Use of Index

This index is essentially a subject index, not an index of titles, and articles treating a number of different subjects are indexed under each of them. In addition, a geographical reference is published wherever the article relates to any particular railway company, or to the State matters of any particular State. The geographical method of grouping serves to locate in the index any article descriptive of practices, conditions, events, etc., when the searcher knows the electric railway, city or State to which the article applies. Groupings are made under the name of the city in which the main office of the company is located, but an exception is made in the case of electrified sections of steam railroads, such entries being made direct under the name of the railroad. City or State affairs appear direct under the names of the city or State involved.

In the subject index, the alphabetical method is followed, and if there is a choice of two or three keywords the one most generally used has been selected, cross references being supplied. Below will be found a list of the more common keywords used in

the index. This list has been subdivided for convenience into sixteen general subjects, but the general subject headings, shown in capital letters, do not appear in the body of the index. As an example, if a reader wished to locate an article on power-driven tower wagons he would obviously look in the list under the general subject "vehicles," and of the two keywords that appear under this caption, only "Service and tower wagons" could apply to the article in question. The reader would therefore refer to this keyword under "S" in the body of the index. Articles not covered by key word appear alphabetically.

In addition to the groups of articles covered by these headings the papers and reports from railway associations and technical societies are grouped under the names of the various organizations. Proceedings of other associations are indexed only in accordance with the subject discussed. Short descriptions of machine tools appear only under the heading "Repair Shop Equipment" and are not indexed alphabetically, because of the wide choice in most cases of the proper keyword.

## CLASSIFIED LIST OF KEYWORDS

- |   |  |   |
|---|--|---|
| <p><b>ACCIDENTS AND LEGAL</b></p> <ul style="list-style-type: none"> <li>Accidents (including wrecks)</li> <li>Accident claim department</li> <li>Legislation</li> <li>Legal</li> <li>Public service and regulative commissions</li> <li>Public service corporations</li> <li>Safety-first movement</li> </ul>  | <p><b>FINANCIAL AND STATISTICS</b></p> <ul style="list-style-type: none"> <li>Accounting</li> <li>Appraisal of railway property</li> <li>Financial</li> <li>Franchises</li> <li>Maps</li> <li>Operating records and costs</li> <li>Statistics</li> <li>Traffic investigations</li> </ul>   | <ul style="list-style-type: none"> <li>Purchased power</li> <li>Substations and equipment</li> <li>Third-rail contact system</li> <li>Transmission lines</li> <li>Turbo-generators and equipment</li> </ul>   |
| <p><b>CARS</b></p> <ul style="list-style-type: none"> <li>Car design</li> <li>Cars (descriptive)</li> <li>Cleaning and washing of cars</li> <li>Gasoline cars</li> <li>Lubrication</li> <li>Heating of cars</li> <li>Lighting of cars</li> <li>Storage battery cars</li> <li>Ventilation of cars</li> <li>Work and wrecking cars</li> </ul>   | <p><b>HEAVY ELECTRIC TRACTION</b></p> <ul style="list-style-type: none"> <li>Heavy electric traction (general)</li> <li>High-voltage d.c. railways</li> <li>Interurban railways (general)</li> <li>Locomotives</li> <li>Low-voltage d.c. railways</li> <li>Single-phase railways</li> </ul>  | <p><b>RECORDS</b></p> <ul style="list-style-type: none"> <li>Maintenance records and costs</li> <li>Operating records and costs</li> <li>Passenger handling records</li> <li>Record forms</li> </ul>  |
| <p><b>CAR EQUIPMENT</b></p> <ul style="list-style-type: none"> <li>Axles</li> <li>Bearings</li> <li>Brakes</li> <li>Controllers and wiring</li> <li>Couplers</li> <li>Current-collecting devices</li> <li>Doors, seats and windows</li> <li>Fenders and wheel guards</li> <li>Gears and pinions</li> <li>Headlights</li> <li>Motors</li> <li>Trucks, car</li> <li>Wheels</li> </ul> | <p><b>MAINTENANCE OF EQUIPMENT</b></p> <ul style="list-style-type: none"> <li>Cleaning and washing of cars</li> <li>Inspection of cars</li> <li>Maintenance records and costs</li> <li>Paints and painting</li> <li>Repair shop equipment</li> <li>Repair shop practice</li> <li>Repair shops</li> <li>Tests of equipment</li> <li>Welding, special methods</li> </ul> | <p><b>STRUCTURES</b></p> <ul style="list-style-type: none"> <li>Bridges</li> <li>Carhouses and storage yards</li> <li>Power stations and equipment</li> <li>Repair shops</li> <li>Terminal stations and terminals</li> <li>Waiting stations</li> </ul>  |
| <p><b>EMPLOYEES</b></p> <ul style="list-style-type: none"> <li>Employees</li> <li>Insurance</li> <li>Strikes and arbitrations</li> <li>Wages</li> </ul>   | <p><b>OPERATION</b></p> <ul style="list-style-type: none"> <li>Carhouses and storage yards</li> <li>Operating records and costs</li> <li>Passenger handling records</li> <li>Schedules and time tables</li> <li>Signals</li> <li>Stopping of cars</li> <li>Train operating practice</li> </ul>   | <p><b>TRACK</b></p> <ul style="list-style-type: none"> <li>Pavement</li> <li>Rail joints and bonds</li> <li>Rails</li> <li>Special work</li> <li>Ties</li> <li>Track construction</li> <li>Track maintenance</li> </ul>   |
| <p><b>FARES</b></p> <ul style="list-style-type: none"> <li>Fare collection (including apparatus)</li> <li>Fares</li> <li>Tickets</li> <li>Transfers</li> </ul>  | <p><b>POWER</b></p> <ul style="list-style-type: none"> <li>Boilers and equipment</li> <li>Cables</li> <li>Energy consumption</li> <li>Feeders</li> <li>Overhead contact system</li> <li>Poles</li> <li>Power distribution</li> <li>Power generation</li> <li>Power stations and equipment</li> </ul>   | <p><b>TRAFFIC</b></p> <ul style="list-style-type: none"> <li>Freight and express</li> <li>Public, Relations with</li> <li>Publicity</li> <li>Routing of cars</li> <li>Traffic investigations</li> <li>Traffic stimulation</li> </ul>  |
|   |  | <p><b>VEHICLES (not on tracks)</b></p> <ul style="list-style-type: none"> <li>Motor buses</li> <li>Service and tower wagons</li> </ul>  |
|   |  | <p><b>MISCELLANEOUS</b></p> <ul style="list-style-type: none"> <li>Fire protection and insurance</li> <li>Lightning protection</li> <li>Loading limits for cars</li> <li>Manufacturing conditions</li> <li>Municipal ownership</li> <li>Public, Relations with</li> <li>Standardization</li> <li>Storerooms</li> <li>Timber preservation</li> </ul> |

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