

1944

## 内外諸雜誌主要題目

### 發電水力

第五號. 大正四年七月十五日.

1. 日本ニ於ケル水力電氣事業ノ發達.
2. 大正三年中ニ水利權ヲ得タル水力電氣. (其一)
3. 流量曲線ニ就テ. (承前)

第六號. 大正四年八月十五日.

1. 日本ニ於ケル水力電氣事業ノ發達. (承前)
2. 大正三年中ニ水利權ヲ得タル水力電氣. (其二)
3. 流量曲線ニ就テ. (承前)

### かはさき畫報

第三卷. 第二十九號. 大正四年七月.

1. 小型混凝土方塊ヲ疊整セル護岸ノ一例.
2. 仁川稅關棧橋修繕工事.

### 工 學

第二卷. 第七號. 大正四年七月十日.

1. 木材防腐劑塗抹效果ノ試験.
2. 一、二、四配合ノ混凝土トハ如何ナルモゾ乎.
3. 鋼鐵橋設計例吳服橋. (其四)
4. 鐵筋混凝土杭ニ就テ. (二)
5. 平面測量ニ就テ.

第二卷. 第八號. 大正四年八月十日.

1. 鐵筋混凝土ノ經濟的價值. (一)
2. 鐵及鐵筋混凝土構體ニ於ケル靜力學上不定應力.
3. 經濟的型枠.
4. 函形暗渠ニ於ケル應力計算法. (二)
5. 請負ノ研究. (十五)

第二卷 第九號 大正四年九月十日

1. 高松市水道集水渠工事報告
2. 東京市内河川大浚渫事業ノ概況
3. 鐵筋混凝土ノ經濟的價值 (二)
4. 請負ノ研究 (十六)

### 工學會誌

第三百八十六卷 大正四年七月二十三日

1. 家屋耐震構造要梗

### 工業之大日本

第十二卷 第七號 大正四年七月一日

1. 歐洲ノ戰亂ト日本工業ノ獨立

第十二卷 第八號 大正四年八月一日

1. 歐洲ノ戰亂ト日本工業ノ獨立

2. 支那ノ鐵道

第十二卷 第九號 大正四年九月一日

1. 我國橋梁ノ構造ニ就テ

### 工業雜誌

第四十三卷 第五百五十九號 大正四年七月十日

1. 間知石代用トシテ小形混凝土塊ヲ護岸石垣ニ應用ニ就テ

(一)

第四十三卷 第五百六十號 大正四年七月二十五日

1. 各種沈床並護岸ニ代用スヘキ鐵筋混凝土沈床ニ就テ

第四十三卷 第五百六十一號 大正四年八月十日

1. 間知石代用トシテ小形混凝土塊ヲ護岸石垣ニ應用ニ就テ

(二)

第四十三卷 第五百六十二號 大正四年八月二十五日

1. 石材ト鐵道 (一)

1946

第四十三卷. 第五百六十三號. 大正四年九月十日.

1. 石材卜鐵道. (二)

### 帝國鐵道協會會報

第十六卷. 第四號. 大正四年八月二十五日.

1. 液膠泥注射器.

### BETON u. EISEN

### INTERNATIONALES ORGAN FÜR BETONBAU

XIII. Jahrgang. Heft XIII. Aug. 6, 1914.

1. Eisenbetonbrücken über den Oder-Spree-Kanal.
2. Trägerlose Eisenbeton-Deckenkonstruktionen.
3. Kreis- und Ringplatten unter allseitig symmetrischer Belastung (Schluss aus Heft XII).
4. Der Schutz von Eisen-, Beton- und Verbundbauwerken über Eisenbahnbetriebsgleisen. (Fortsetzung auf Heft XII.)
5. Ueber den Wert von Trasszuschlägen zum Zement- und Kalkmörtel. (Hierzu Doppeltafel XV/XVI.)

XIII. Jahrgang. Heft XIV/XV. Sept. 5, 1914.

1. Die neuen Prager Brückenbauten.
2. Ueber den Wert von Trasszuschlägen zum Zement- und Kalkmörtel. (Schluss aus Heft XIII.)
3. Versuche über die Beanspruchung von abgelenkten Eisen und von Bügeln zwecks Erkenntnis der Verteilung der Schubspannungen zwischen Eisen und Beton.
4. Eine Umladerampe in Eisenbeton.
5. Der Schutz von Eisen-, Beton- und Verbundbauwerken über Eisenbahnbetriebsgleisen. (Schluss aus Heft XIII.)
6. Die Brücken der neuen Automobilstrassé bei Berlin. (Hierzu Tafel XVII.)

新刊紹介  
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XIII. Jahrgang. Heft XVI/XVII. Okt. 5, 1914.

1. Ueber die Anwendung von "umschürtem Beton" in plattenartigen Konstruktionen.
2. Berechnung von Eisenbeton-Docksohlen.
3. Hallenbau für die Eisenbahnwerkstätte in Sofia. (Hierzu Tafel XVIII.)
4. Beiträge zur Theorie kontinuierlicher Eisenbetonkonstruktionen.

XIII. Jahrgang. Heft XVIII/XIX. Nov. 6, 1914.

1. Die Beton- und Eisenbetonbauten der neuen Emdler Hafenanlagen. (Hierzu Tafel XIX.)
2. Eisenbetonstrassenbrücke bei Songavazzo (Bergamo).
3. Beiträge zur Theorie kontinuierlicher Eisenbetonkonstruktionen. (Schluss aus Heft XVI/XVII.)
4. Die Lastenförderung durch Kabelkrane, insbesondere beim Bau der Camsdorfer Brücke.

XIII. Jahrgang. Heft XX. Dez. 5, 1914.

1. Eine eigenartige Eisenbetonpfahlgründung.
2. Die Beton- und Eisenbetonbauten der neuen Emdler Hafenanlagen. (Schluss aus Heft XVIII/XIX. Hierzu Tafel XX.)
3. Die Ermittlung der ungünstigsten Laststellung auf graphischem Wege.

BULLETIN OF THE SOCIETY FOR THE PROMOTION OF ENGINEERING EDUCATION

Vol. V. No. 10. June, 1915.

1. Determining the equation of a curve.

CASSIER'S ENGINEERING MONTHLY

Vol. 47. No. 6. June, 1915.

1. The electrification of steam railways.

Vol. 48. No. 1. July, 1915.

1. The Panama Canal in operation.

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2. Motor traction.

CEMENT WORLD

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内外諸雜誌主要題目

Vol. IX. No. 2. May 15, 1915.

1. Memphis flood protection.

2. Concrete bridge built in installments.

3. Advantages and disadvantages of reinforced concrete.

4. Concrete floors for steel bridges.

5. Lincoln Highway in Northern Indiana.

6. Mixing as a strength factor.

7. Elimination of road joints.

Vol. IX. No. 3. June 15, 1915.

1. Modern cement stucco construction.

2. World's greatest irrigation dam.

3. Great bridge in Canadian Northwest.

4. Economy of large aggregates.

5. Crackless pavement construction.

6. Oil-mixed concrete for damp-proofing.

7. The autoclave test.

8. Hydration of portland cement.

Vol. IX. No. 4. July 15, 1915.

1. Handling and placing concrete.

2. Concrete substructure for great viaduct.

3. Construction of integral curbs.

4. Dust prevention on roads.

5. Alkali action on cement.

CONCRETE AND CONSTRUCTIONAL ENGINEERING

Vol. X. No. 6. June, 1915.

1. The microscope in the study and investigation of concrete. (I).

2. Ornamental reinforced concrete bridge, Clacton-on-Sea.  
Vol. X. No. 7. July, 1915.

1. Reinforced concrete bridge near Merthyr.
2. The determination of the position of the neutral axis in a Tee-beam by the aid of simple graphs.
3. The microscope in the study and investigation of concrete. (II).
4. The stability of quay walls on earth foundations.

ELECTRIC RAILWAY JOURNAL

Vol. 45. No. 23. June 5, 1915.

1. The Norfolk & Western electrification.

Vol. 45. No. 24. June 12, 1915.

1. Electrification of the Jamestown, Westfield & Northwestern Railroad.

Vol. 45. No. 25. June 19, 1915.

1. Michigan Railway's 2400-volt third-rail line.

Vol. 45. No. 26. June 26, 1915.

1. Coasting records of Northern Texas Traction Company.
2. Rail wear in Chicago.

Vol. 46. No. 1. July 3, 1915.

1. New York Electric Railway Association meets.

Vol. 46. No. 2. July 10, 1915.

1. Cost of highway bridges.
2. Electric railway session at A. I. E. E. Convention.
3. Hand-brake pressures.

Vol. 46. No. 3. July 17, 1915.

1. The collection of traffic data.

Vol. 46. No. 5. July 31, 1915.

1. Girder and high T-rail renewals.

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Vol. XCIX. No. 2579. June 4, 1915.  
1. Recent Thames bridge and tunnel construction. (Continued from page 567.)

2. Engineering in Mesopotamia.

3. Iron, carbon, and phosphorus.

Vol. XCIX. No. 2580. June 11, 1915.  
1. The 250-ton floating cranes for the Panama Canal.

Vol. XCIX. No. 2581. June 18, 1915.  
1. Recent Thames bridge and tunnel construction. (Continued from page 618.)

Vol. XCIX. No. 2582. June 25, 1915.  
1. Recent Thames bridge and tunnel construction. (Continued from page 668.)

Vol. C. No. 2583. July 2, 1915.  
1. Coal-handling plant at Portsmouth.  
2. Goods locomotive for the Hull and Bamsley Railway.

Vol. C. No. 2584. July 9, 1915.  
1. The Myers-Whaley shoveling-machine.

Vol. C. No. 2586. July 23, 1915.  
1. The Panama Canal.

ENGINEERING NEWS

Vol. 73. No. 24. June 17, 1915.  
1. Chicago freight interchange yard.

2. Economical highway design.

3. Hardinge Bridge over the Lower Ganges in India.

4. Electric traction on the Norfolk & Western Ry.

Vol. 73. No. 25. June 24, 1915.  
1. Intercolonial Railway pier 2 at Halifax Harbor, Nova Scotia.

2. Interstate Bridge over the Columbia River, Portland, Ore.

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Vol. 74. No. 1. July 1, 1915.

1. Constructing the Fitchburg sewage-works.
2. Two large irrigation projects in Russia. I.
3. New Chittenden plant of the Pittsford Power Co.
4. Annual meeting of the American Society for Testing Materials.

Vol. 74. No. 2. July 8, 1915.

1. Electric hoist of the Hamilton Inclined Railway.
2. Eliminating the Tower-Grove grade crossing at St. Louis.
3. Hydrostatic catenary flume on a reinforced concrete aqueduct.
4. Long-span continuous-truss bridge over Ohio River at Sciotoville.
5. Deep bridge piers sunk without air.

Vol. 74. No. 3. July 15, 1915.

1. Design of shore-protection works.
2. Two large irrigation projects in Russia. II.
3. Rebuilding the Muskingum Bridge near Coshocton.
4. Track depression at Mattoon; Illinois Central R. R.
5. Activated-sludge tests at Milwaukee, Wis.

Vol. 74. No. 4. July 22, 1915.

1. Stepped concrete river wall at Harrisburg.
2. Tests of frictional resistance of concrete on shale.
3. Transmission line towers: Foundations and election.
4. Activated sludge in America: An editorial survey.

Vol. 74. No. 5. July 29, 1915.

1. Chicago municipal pier.
2. New features in surveying instruments.
3. Log-handling equipment at Arrowrock Dam.
4. Hydraulic redevelopment at Turners Falls, Mass.
5. Designing a steel dome.
6. Brooklyn sewage-aeration and activated-sludge experiments.
7. Ohio River Bridge for the C., B. & Q. R. R.



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Vol. 74. No. 6. Aug. 5, 1915.

1. Road-maintenance costkeeping in Pennsylvania.
2. Large coaling stations on the Panama Canal.
3. Ninth street pier in Lake Erie at Cleveland, Ohio.

Vol. 74. No. 7. Aug. 12, 1915.

1. Concreting plant for large Chicago warehouse.
2. Automatic sewage-pumping and metering station.
3. Cutting a city street through a railway station.
4. Shipping water-works reservoirs.
5. Superstructure of Chicago municipal pier.
6. Maintaining concrete and brick roads in Illinois.
7. Flood at Erie, Pennsylvania, due to a great rainstorm.

Vol. 74. No. 8. Aug. 19, 1915.

1. Rebuilding the Omaha water-intake cribs.
2. Automatic block signals for single-track railways.
3. Coast erosion and protection on Long Island and New Jersey. I.—Littoral drift.

### ENGINEERING RECORD

Vol. 71. No. 24. June 12, 1915.

1. The economic side of sand testing.
2. River improvement for public health reclaims 10,000 acres of fertile land.
3. Point defiance line eliminates last heavy grade between Tacoma and Portland.
4. Floor design of the New Massachusetts Technology Buildings based upon beam tests.

Vol. 71. No. 25. June 19, 1915.

1. Alaska's road and bridge builders face snow, frozen ground and glacial floods.

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2. Safe concrete demands knowledge of nature of sands.
3. Longest municipal pier in United States is nearing completion in Chicago.

Vol. 71. No. 26. June 26, 1915.

1. One huge single-lift lock at Louisville will guard the entrance to the Portland Canal.
2. New Ohio River Bridge to contain longest riveted-truss spans in America.
3. Quality of concrete controlled by tests by sand.
4. Monographic charts simplify solution of problems in structural design.
5. Monographic charts for simple beam design.

Vol. 72. No. 1. July 3, 1915.

1. Operating records of Atlanta Sewage Treatment Plant show adequate degree of purification.
2. Committee on concrete tests outlines work in progress.
3. New methods of odor elimination at garbage plants indicated by New York tests.
4. Special pier and floor design feature Pacific Highway Interstate Bridge.

Vol. 72. No. 2. July 10, 1915.

1. Why drainage of irrigated lands is necessary, and how the problem is handled.
2. Flat-slab bridges at Denver combine permanency and good appearance.
3. Tunkhannock Viaduct nearing completion.
4. Driving and lining carried on simultaneously at Snoqualmie tunnel saved timbering.
5. Garbage collection studies in Chicago justify continued use of horses.
6. Longest simple truss span in world to be erected over Ohio River at Metropolis.

Vol. 72. No. 3. July 17, 1915.

1. Earth pressure determined by laboratory apparatus.

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2. Typical and special construction used on Queens extension to New York Elevated.

3. Handling hydraulic fill on Piute Dam.

4. Longest riveted simple trusses erected around old bridge by cantilever method.

Vol. 72. No. 4. July 24, 1915.

1. New methods evolved in building world's largest bridge.

2. Steel shields protect traffic during removal of New York Subway roof.

Vol. 72. No. 5. July 31, 1915.

1. Operation analysis of new machines which cheapen the moving of earth on road work.

2. Beat scheduled time five months in building huge De la Brea sewer.

3. 200,000 yards of concrete placed for \$ 800,000 in Lake Washington Canal Lock.

Vol. 72. No. 6. Aug. 7, 1915.

1. Swedish Government builds hydro-electric plant above the Arctic Circle. Part 1.

2. Solar declinations computed by graphic method.

3. Concrete cribs used successfully in dock construction at Victoria.

Vol. 72. No. 7. Aug. 14, 1915.

1. Restricted stream channel responsible for Erie flood damage.

2. How oiled earth roads are built in Kansas.

3. Swedish Government builds hydro-electric plant above the Arctic Circle. Part 2.

4. Direct-lift span provides 55-foot clearance over Louisville and Portland Canal.

JOURNAL OF THE AMERICAN WATER WORKS ASSOCIATION

Vol. 2. No. 2. June, 1915.

1. Minutes of Proceedings Thirty-fifth Annual Convention American Water

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Works Association.

2. Studies of artesian waters in Chicago and surrounding territory.
3. The application of the theories of public regulation to the management of utilities.
4. The choice of alloys for water works design.
5. Cooled drinking water.
6. Treatment of water for locomotive use.
7. The new filtration plant at Quincy, Illinois.

JOURNAL OF THE WESTERN SOCIETY OF ENGINEERS

Vol. XX. No. 6. June, 1915.

1. The Bingham and Garfield Railway—a short road in Utah with some unusual features.
2. Pressures on piles supporting masonry.

LE GÉNIE CIVIL

Tome LXVI. No. 21. Mai 22, 1915.

1. Le canal de Panama. Comparaison des deux systèmes de jauge nette qui y sont appliqués avec la jauge dite de Suez. (I).

Tome LXVI. No. 22. Mai 29, 1915.

1. Le canal de Panama. Comparaison des deux systèmes de jauge nette qui y sont appliqués avec la jauge dite de Suez. (II).

Tome LXVI. No. 23. Juin 5, 1915.

1. Les chemins de fer en Asie Mineure. L'état d'avancement du chemin de fer de Bagdad.

Tome LXVI. No. 24. Juin 12, 1915.

1. La résolution de l'équation de traction d'un véhicule en mouvement par le puissance-mètre.

Tome LXVI. No. 25. Juin 19, 1915.

1. Le canal de Suez. État actuel et résultats d'exploitation.

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Tome LXVII. No. 1. Juillet 3, 1915.

1. Comparaison de la traction électrique sur route et sur rail.
2. La construction de l'épont de la Passaic Valley, à Newark (New Jersey, É.-U.).

Tome LXVII. No. 2. Juillet 10, 1915.

1. Réparation d'une grue flottante de 250 tonnes du canal de Panama, rompue pendant les essais.

Tome LXVII. No. 4. Juillet 24, 1915.

1. La production de l'électricité dans la région occidentale des États-Unis.

Tome LXVII. No. 5. Juillet 31, 1915.

1. Essais de perméabilité des bétons de l'Université de Wisconsin (É.-U.)

Tome LXVII. No. 6. Août 7, 1915.

1. Le viaduc en béton de Tunkhannock, du Lackawanna Railroad, à Nicholson. (Pennsylvanie, É.-U.)
2. Calcul et expérimentation des poutres solidaires de leurs supports.

### MUNICIPAL JOURNAL

Vol. XXXVIII. No. 24. June 17, 1915.

1. Albany's sewage treatment plant.
2. Philadelphia sewage treatment report.

Vol. XXXVIII. No. 25. June 24, 1915.

1. Cleveland's municipal electric plant.
2. Ornamental lighting at the Panama-Pacific Exposition.
3. Danville's municipal power plant.
4. Modern street illumination.
5. Municipal powers relighting plants.
6. Lowell "white way" lighting.
7. Electric lighting data tables.
8. Cost of street lighting.

Vol. XXXIX. No. 1. July 1, 1915.

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- 1. Economics of pavement repairing.
- 2. New Jersey road experiences.
- Vol. XXXIX. No. 2. July 8, 1915.
  - 1. Reduction of New York's garbage.
- Vol. XXXIX. No. 3. July 15, 1915.
  - 1. Sewage disposal plant for Akron.
  - 2. Test of a Shone ejector plant.
- Vol. XXXIX. No. 4. July 22, 1915.
  - 1. Concrete standpipes.
  - 2. The effect of filtration and sterilization on typhoid fever in Philadelphia.
  - 3. Sewage disposal plant for Akron.
- Vol. XXXIX. No. 5. July 29, 1915.
  - 1. Clarifying sewage by fine screens.
  - 2. Municipal control of street planning.
- Vol. XXXIX. No. 6. Aug. 5, 1915.
  - 1. The Hopple Street Viaduct, Cincinnati.
  - 2. Laying a new bituminous pavement at West Pittston.
  - 3. Clarifying sewage by fine screens. I.
- Vol. XXXIX. No. 7. Aug. 12, 1915.
  - 1. Clarifying sewage by fine screens. II.
- Vol. XXXIX. No. 8. Aug. 19, 1915.
  - 1. Sewage disposal at water purification plant.
  - 2. Water consumption in New Orleans.

PROFESSIONAL MEMOIRS

CORPS OF ENGINEERS, UNITED STATES ARMY, AND

ENGINEER DEPARTMENT AT LARGE

- Vol. VII. No. 84. July-Aug. 1915.
  - 1. Vertically framed mitring lock gates.
  - 2. Wooden and combination highway bridges.

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8. The Trinity River survey.

### RAILWAY REVIEW

Vol. 56. No. 24. June 12, 1915.

1. Electrification of the Elkhorn Grade, Norfolk & Western Ry. (Continued from page 761.)

Vol. 56. No. 25. June 19, 1915.

1. Fuel oil installations on the Grand Trunk Pacific Ry.
2. Convention of the Master Car Builders' Association.

Vol. 56. No. 26. June 26, 1915.

1. Automatic block signal installation on the B. R. & P. Ry.
2. Alternative plans for rearranging Chicago Freight Terminals.
3. Economies in construction work.
4. Steel ties under hot ashes.

Vol. 57. No. 1. July 3, 1915.

1. Impact between freight cars in switching service.
2. Analysis of dependent sequence as a guide to fuel economy.

Vol. 57. No. 2. July 10, 1915.

1. Electrification of the Pennsylvania Railroad's suburban line at Philadelphia.
2. The case for higher passenger fares in the west.
3. One hundred per cent operative brakes in freight service.

Vol. 57. No. 5. July 31, 1915.

1. The Lake Erie & Eastern R. R.
2. Some features of engine house design.
3. Rail steel and rail breakages.

Vol. 57. No. 6. Aug. 7, 1915.

1. New car repair plant, Philadelphia & Reading Ry., St. Clair, Pa.
2. Fuel economy on locomotives.

Vol. 57. No. 7. Aug. 14, 1915.

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1. Finishing temperatures of rails.  
Vol. 57. No. 8. Aug. 21, 1915.

1. Developments at the Grand Central Terminal in New York.
2. New coal dock for the C. H. & D. Ry. at Toledo.

### SCIENTIFIC AMERICAN

Vol. CXII. No. 24. June 12, 1915.

1. The Westinghouse electro-pneumatic air brake on the Pennsylvania Railroad.

Vol. CXIII. No. 2. July 10, 1915.

1. Railroads under and over the streets of New York. I. (Difficulty of excavating subways through the heart of a big city.)

Vol. CXIII. No. 3. July 17, 1915.

1. Railroads under and over the streets of New York. II. (Blasting tunnels through the rocks of Manhattan difficult operation of peeling the roof off the existing subway.—The "Corkscrew" construction under Lexington Avenue explained.)

Vol. CXIII. No. 5. July 31, 1915.

1. Railroad building under and over the streets of New York. III. (Tunneling through rock and sand in the bed of the East River.)

Vol. CXIII. No. 7. Aug. 14, 1915.

1. Railroad building under and over the streets of New York. IV. (Reconstructing the elevated lines.)

### SCIENTIFIC AMERICAN SUPPLEMENT

Vol. LXXIX. No. 2058. June 12, 1915.

1. Electrification of the Elkhorn Grade. (A notable power equipment on the Norfolk & Western Railway.)

Vol. LXXX. No. 2062. July 10, 1915.

1. The range-finder. (How distances are measured on the battlefield.)



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Vol. LXXX. No. 2067. Aug. 14, 1915.  
1. High explosive. (A brief summary of their history, manufacture and use.)

THE ENGINEER

Vol. CXIX. No. 3100. May 28, 1915.

1. Proposed centering for large span stone bridges. No. III.
2. The Gretna Railway accident.
3. A roughing filtration plant.

Vol. CXIX. No. 3101. June 4, 1915.

1. British portland cement-making machinery. No. XIV.
2. The creeping grip tractor.

Vol. CXIX. No. 3102. June 11, 1915.

1. Proposed centering for large-span stone bridges. No. III.

Vol. CXIX. No. 3103. June 18, 1915.

1. British portland cement-making machinery. No. XV.

Vol. CXIX. No. 3104. June 25, 1915.

1. British portland cement-making machinery. No. XVI.

Vol. CXX. No. 3105. July 2, 1915.

1. British portland cement-making machinery. No. XVII.
2. A reinforced brickwork retaining wall.
3. Coal loading plant at Workington Harbour.
4. The testing of building stone in Canada.

Vol. CXX. No. 3106. July 9, 1915.

1. Economy in the design of reinforced concrete columns. No. I.
2. British portland cement-making machinery. No. XVIII.

Vol. CXX. No. 3107. July 16, 1915.

1. Economy in the design of reinforced concrete columns. No. II.

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Vol. XLIX. No. 4. July, 1915.

1. Rock drills in mining.
2. Improved rail section.
3. The Panama crane failure.

### THE INDIAN AND EASTERN ENGINEER

Vol. XXXVI. No. 6. June, 1915.

1. On impact coefficients for railway girders.
2. The New British Standard Specification for Portland Cement.

### THE RAILWAY ENGINEER

Vol. XXXVI. No. 425. June, 1915.

1. Automatic train control. (I).
2. Wind pressures.
3. The distant signal and 3-position signalling. (II).
4. Modern locomotive engine design and construction. (III).
5. A review of the art of signalling and some suggestions.

Vol. XXXVI. No. 426. July, 1915.

1. Electrical system of cab-signalling. II. (Concluded from page 173.)
2. Automatic train control. II. (Continued from page 151.)
3. Stress distribution in materials.
4. Concrete arches without reinforcement. (Reinforced concrete in railway work. XXI.)

### THE RAILWAY MAGAZINE

Vol. XXXVII. No. 217. July, 1915.

1. British locomotive practice and performance.
2. Railway electrical progress and practice.

Vol. XXXVII. No. 218. Aug., 1915.

1. Jubilee of the Highland Railway.

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2. Progress of the Great Western Railway from Oxford to the Mersey.  
No. III.

### WATER AND WATER ENGINEERING

Vol. XVII. No. 198. June 15, 1915.

1. Birkenhead water supply.
2. Corrosion of iron and steel.
3. The stability of quay walls on earth foundations.

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### ZEITSCHRIFT FÜR BAUWESEN

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2. Erweiterung des Emdrer Hafens, mit 6 Textabbildungen und Blatt 60 bis 63 im Atlas. (Fortsetzung statt Schluss.)
3. Die Grundlagen der Wasserbewegung in unseren Flüssen, mit 6 Textabbildungen.

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