

内外雜誌主要題目

筑豊石炭鑛業組合月報 第百五十七號(七月十五日)

世界の炭量と我石炭界 川崎繁太郎 (四頁)

東北帝國大學理科報告 第六卷第貳號(七月十二日)

On the Structure of the Magnet Steels and its Change

with the Heat Treatments. 本多光太郎 (二十九頁)

On a Mechanical Theory of the Hardness

of Metals. 本多光太郎 (四頁半)

工業雜誌 第六百八號(七月廿五日)

金屬の疲勞に關する公式 福原達三 (六頁)

工業用耐火煉瓦の試験に就て 野上熊二 (六頁)

火兵學會誌 第拾壹卷第參號(七月三十日)

現代の裝甲鈹と其攻撃とに就て

川瀬義重 (三十七頁)

The Iron & Coal Trades Review; Vol. 94, No. 2568.

(May 18).

The Future of the Iron & Coal Industries in Nor-

mandy. 1½. pp.

Furnace Demonstration Shops. 1. p.

Productivity in the Foundry.

by J. Longden. 1. p.

The Iron & Coal Trades Review; Vol. 94, No. 2569.

(May 25).

Electric Iron Smelting. by J. O. Boying. 1½. pp.

Iron Ores of the Forest of Dean.

by R. M. Kondrick. 1. p.

Refractories for Steel Furnaces. 1. p.

The Commercial Possibilities of Coke Dust. 1½. pp.

The Iron & Coal Trades Review; Vol. 94, No. 2570.

(Jun. 1).

Women Workers in the Iron & Steel Industry. 1½. pp.

The Future of the American Steel Market. ½. p.

Dangers of the Metric System. 1. p.

The Iron Age; Vol. 99, No. 20. (May 17).

Some Unusual Results of Cash-Iron Tests.

by P. R. Ramp. 3. pp.

The Electrolytic Pickling of Steel.

by M. de K. Thompson & O. L. Mahman. 2. pp.

Plant of Van Dorn & Dutton Company. 4½. pp.

The Gage Problem in Rifle Manufacture. 3. pp.

Manufacture of Springs for Automobiles. 2. pp.

American Rennerfelt Electric Furnace.

by C. H. vom Baur. 1½. pp.

The Iron Age; Vol. 99, No. 21. (May 24).

Forging Versus Heat Treatment of Steel.

by D. K. Bullens. 4. pp.

The Pellin Hardness-Testing Apparatus, a French

Device. 1. p.

Foundry for making Small Castings. 1½. pp.
Furnace Charging Machine. 1. p.

The Iron Age; Vol. 99, No. 22. (May 31).

Sintering Flue Dust at Mingo Junction.

by H. V. Schiefer. 5½. pp.

Steel Ships under the Goethals' Program. 1. p.

Many New Records made Last Year. 3. pp.

The Manufacture of Steel Castings.

by R. P. Lamont. 5. pp.

The Iron Age; Vol. 99, No. 24. (Jun. 14).

A System for Rejuvenating Machine Tools. 3½. pp.

Hammering, Pressing or Rolling Steel.

by J. L. Cox. 4½. pp.

Casting Ships of Steel. 1. p.

Engineering; Vol. 103, No. 2684. (Jun. 5).

Germany's Hold on the Iron Ore of France. 1½. pp.

Refractory Materials Section of

the Ceramic Society. 1½. pp.

Engineering; Vol. 103, No. 2685. (Jun. 15).

Germany's Hold on the Iron Ore of France. 2. pp.

Refractory Materials. ½. p.

Control Gear for Auxiliary Electric Motors

for Rolling Mills. 2. pp.

The Foundry; No. 239. (July).

What the War has in Store for

the Foundry Trade. 2. pp.

How Cores for Motor Car Castings are Made. 5. pp.

Increasing the Output of the Plating Room.

by E. P. Later. 2½. pp.

The Evolution of the Die Casting Process... II.

by Ch. W. Pack. 6. pp.

The Early Use of Permanent Molds for Castings.

by A. E. Outerbridge. 6. pp.

Metal Industry; Vol. 10, No. 25. (Jun. 22).

Improved Wire Nail Machines. 1½. pp.

Engineering & Mining Journal; Vol. 104, No. 1.

(July 7).

The Tayeh Iron-Ore Deposits. 1½. pp.

Engineering and Mining Journal; Vol. 103, No. 25.

(June 23).

The Metallurgy of Ferrosilicon. 3½. pp.

Brass World; Vol. 13, No. 6. (June).

Surface Combustion applied to Galvanizing.

by W. J. Harris. 1. p.

Tinning Small Castings. ½. p.

The Foundry Trade Journal; Vol. 19, No. 186. (Jun.).

Modern Moulding Appliances. 5. pp.

Modernising a Basic-Bessemer Plant. 2. pp.

Vertical Moulding of Hydraulic Pipes with Belts.

by C. Thomas. 3. pp.

Foundry Troubles. by T. W. Aitken. 2½. pp.

Ferro-Manganese and Other Deoxidisers. 1½. pp.

Furnace Demonstration Shops. 2. pp.
Coke-Fired Regenerative-Type Muffle Furnaces. 1½. pp.
Cupolas and Iron. 1. p.

Mining & Scientific Press; Vol. 114, No. 25. (Jun. 23).
The Nature of Chromic-Iron Deposits. ½. p.

Metallurgical & Chemical Engineering; Vol. 17, No. 1. (Jul. 1).

Granular Carbon Electric Furnace. 1½. pp.
by Samuel A. Tucker.

Metallurgical Processes in the Foundry. 5½. pp.
by A. E. Outerbridge.

Metallurgical & Chemical Engineering; Vol. 17, No. 2. (Jul. 15).

The Influence of High Temperature upon the Elastic and Tensile Properties of Wrought Iron.

by F. A. Epps and E. O. Jones. 5. pp.

Annealing and Heat Treating of Steel and Melting of Nonferrous Metals in the Electric Furnace. 2½. pp.
by T. F. Baily.

The Iron Trade Review; Vol. 60, No. 26. (Jun. 28).

Influence of Vanadium on Steels. 2½. pp.
by G. L. Norris.

The Uses of Chrome-Vanadium Steel. 2. pp.
by F. J. Griffiths.

The Retarding Action of Manganese. 1. p.
by H. M. Howe.

How Silicon affects Steel. by W. E. Ruder. 1½. pp.
Role of Nickel in Steel. by R. R. Abbot. 1½. pp.
Early Use of permanent Iron Molds. 5½. pp.
by A. E. Outerbridge.

The Iron Trade Review; Vol. 60, No. 25. (Jun. 21).

Youngstown Mill has New Laboratory. 2½. pp.
Pioneer Days in American Steelmaking.

by S. T. Wellman. 1. p.
Proper Heats for Finishing Forgings.

by E. O'Connor Acker. 1. p.
Making Tin Plate a National Industry.

by A. Marshall. 1. p.
The Heat Treatment of Iron Chain.

by W. W. Webster & E. L. Patch. 5. pp.
Emphasize Advance in Drop Forging. 1½. pp.

Specifications for Forgings. by E. J. Frost. 1. p.

The Iron Trade Review; Vol. 61, No. 1. (Jul. 5).
Sell Iron for Last Half of 1918. 2½. pp.
How Gages for Big British Shells are made. 6. pp.

Magnetic Study of Steel Products. 4. pp.
by Ch. W. Burrows.

Science of Industry is Advanced. 7. pp.
Tool Exporters Confidence of Future. 2. pp.

The Iron Trade Review; Vol. 61, No. 2. (Jun. 12).
The Metallurgy of Ferrochromium.

by R. J. Anderson. 3½. pp.

- Obtaining Materials for Munitions. 7½. pp.
by C. B. Nolte. 1. p.
- Buying Machine Tools in Wartime. 3½. pp.
by G. F. Creveling.
- Puddle Cinder-A Blast Furnace Ore. 1. p.
by W. G. Imhoff.
- Heat Treatment of Steel Forgings. 2½. pp.
by H. H. Ashdown.
- The Iron Age; Vol. 99, No. 26.** (Jun. 28). ½. p.
The Heat Treatment of Large Forgings.
- Defects in Finished Rolled Steel. 4½. pp.
by Sir W. Beardmore.
- Machinable Castings from Permanent Molds. 2½. pp.
by G. W. Dress.
- Investigation of Cost of Steel Manufacture. 1½. pp.
by A. E. Outerbridge.
- The Iron Age; Vol. 99, No. 25.** (Jun. 21). 2. pp.
Open-Hearth Furnace of Large Capacity.
- Drop Forging Problems Discussed. 3½. pp.
Planning and Scheduling Production in 2½. pp.
a Forging Shop.
- Carbon Monoxide Dangers at Iron Works. 3. pp.
Chemical Reactions of Iron Smelting. 2. pp.
- by W. Mathesius. 2½. pp.
- Government Ready to take Steel Ships. 2. pp.
- The Iron Age; Vol. 100, No. 1.** (Jul. 5).
- Forging Shells at Curtis Plant, St. Louis. 7½. pp.
Defects in Steel Ingots. 1. p.
- American Society for Testing Materials. 3½. pp.
Case-Hardening by Boron.
- by Prof. N. Tselischewsky. 1. p.
- The Iron Age; Vol. 100, No. 2.** (Jul. 12).
Properties and Structure of Nickel Steel.
- by S. W. Parker. 2½. pp.
- A Self-Skinning Ladle for Steel Foundries. ½. p.
Magnetic Analysis of Steel Products.
- by Ch. W. Burrows. 4½. pp.
- Roll Scale in the Bessemer Process. 2½. pp.
by A. Patton & F. N. Speller.
- Tremendous Demand for Machine Guns. 1½. pp.
Steel Exports to be Controlled July 15. 2. pp.
- Iron and Coal Trade Review; Vol. 94, No. 2571.** (Jun. 8).
Tungsten. ½. p.
- An Improved Gas-Heated Smelting Furnace. ½. p.
Electric Steel Developments in 2. pp.
the United States.
- Iron and Coal Trade Review; Vol. 94, No. 2573.** (Jun. 22).
Mortars & Control Gear for Auxiliary Service 1½. pp.
in Steel Works.

The Engineer; Vol. 123, No. 3202. (May 11, 1917).

Properties of the Refractory Materials used in the Iron and Steel Industry. 1. p.

The Use and Abuse of Steel. 3½. pp.

The Mechanical Engineer; Vol. 39, No. 1009. (May 25, 1917).

The Use and Abuse of Steel. 2. pp.

Mechanical World; Vol. 61, No. 1584. (May 11, 1917).

Casting Chilled Rolls. ½. p.

Seasoning of Iron Castings. 1. p.

Engineering; Vol. 103, No. 2680. (May 11, 1917).

Comentation by Gas under Pressure. 4½. pp.

Engineering; Vol. 103, No. 2681. (May 18, 1917).

The Case-Hardening of Iron by Boron. 1. p.

Autographic Load-Extension Diagrams. 2½. pp.

Etching Steel Sections at High Temperatures

in Vacuo. 3. pp.

The Automobile Engineer; Vol. 7, No. 102. (May 1917).

The Use and Abuse of Steel. 9. pp.

American Machinist; Vol. 46, No. 23. (June 7, 1917).

Lapping Hardened-Steel Surface. 1½. pp.

Making Vehicle-Wheel Boxes without the use

of Molding Machines. 2½. pp.

The Automobile Engineer; Vol. 7, No. 103. (June

1917).

Steel used in Aero Work. 6. pp.

Engineering; Vol. 103, No. 2684. (June. 8. 1917).

Diagrams of Three Month's Fluctuations

in Price of Metals. 2½. pp.

Germany's Hold on Iron Ore of France. I. 1½. pp.

Engineering; Vol. 103, No. 2665. (June. 15, 1917).

Germany's Hold on Iron Ore of France. II. 2½. p.

Mechanical World; Vol. 61, No. 1589. (June. 15, 1917).

Alloy Steel Castings. ½. p.

Foundry Facing. 1. p.

The Mechanical Engineer; Vol. 39, No. 1011. (June.

8, 1917).

Electric Process for Small Steel Castings. 1½. pp.

Ferro-Manganese in the Iron

and Steel Industry. 2. pp.

Process of the Electric Steel Industry. 2. pp.

Power; Vol. 45, No. 26. (June 26. 1917).

Welds—The Weakness and Merits

of their Structure. 4½. pp.

Boiler Maker; Vol. 17, No. 6. (June, 1917).

Oxy-Acetylene Welding and Cutting. 2½. pp.