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Mining and scientific Press; Vol. 116, No. 9. (Mar. 2.)

High-Temperature Resistance Furnaces.

by W. E. Ruder. 1½ pp.

Metal Corrosion in Float Valves.

by P. T. Brühl. 1 p.

The Mining Magazine. Vol. 18, No. 2. (Feb.)

Potash from Blast Furnaces. 1 p.

Metal Industry; Vol. 12, No. 2. (Jan. 11.)

Thermal Researches on Casting and Moulding Land. 1 p.

Metal Industry; Vol. 12, No. 3. (Jan. 18.)

Pyrometers and Pyrometry. 2 pp.

Metal Industry; Vol. 12, No. 7. (Feb. 15.)

Principles of the Metal-Spraying Process.

by H. Arnold. 4 pp.

Cobaltrom Patent Air Hardening

High Speed Steel. ½ p.

Engineering and Mining Journal; Vol. 106, No. 9.

工業雜誌 第六百二十三號(三月五日)

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工業雜誌 第六百二十四號(三月二十日)

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Mar. 2.)

Chrome-Ore Specifications and Produces of Chromite  
in California. 2. pp.

**Engineering and Mining Journal; Vol. 105, No. 6.**

(Feb. 9.)

Manganiferous Iron Mining in the Auyuna District,  
Minnesota; by P. M. Ostrand. 5. pp.

Prospecting for Manganese; by H. V. Maxwell. 1. p.

**Metallurgical and Chemical Engineering; Vol. 18,**

No. 4. (Feb. 15.)

A New Electric Steel Furnace. 2. pp.

**Metallurgical and Chemical Engineering; Vol. 18,**

No. 5. (Mar. 1.)

Copper in Medium Steel.

by C. R. Hayward and A. B. Johnston. 1½. pp.

The Parkes Rust-Proofing Process. 1. p.

American Clay for Graphite Crucibles. ½. p.

**Brass World; Vol. 14, No. 2. (Feb.)**

The Experiences an Iron Atom. 3. pp.

**Bulletin of the American Institute of Mining En-**

**gineering; No. 135. (Mar.)**

The Byproduct Coke Oven and Its Products.

by W. H. Blanvelt. 18. pp.

Grain-Size Inheritance in Iron and Carbon

Steel. 1½. pp.

Transverse Fissures in Steel Rails. 2. pp.

**Bulletin of the American Institute of Mining En-**  
**gineers; No. 134. (Feb.)**

Some Structures in Steel Frusion Welds;

by L. W. McMiller. 18. pp.

Coal and Iron Deposits of the Pen-hsi-hu District, Man-

churia; by C. F. Wang. 28. pp.

The Erosion of Guns; by H. M. Howe. 56. pp.

High-Temperature Resistance Furnaces with Ductile

Molybdenum or Tungsten Resistors;

by W. E. Rander. 7. pp.

**Analyst; Vol. 43, No. 502. (Jan.)**

Separation of Aluminium from Iron by means of Ethier;

by S. Palkin. ½. p.

Iodimetric Estimation of Copper and Iron;

by H. Ley. ½. p.

Method for the analysis of Ferro-Silicon;

by R. E. Lowe. 1. p.

Estimation of Tantalum in Alloy Steel;

by G. L. Kelloy.

F. B. Myers, and C. B. Illingworth. 1½. pp.

**Engineering; Vol. 105, No. 2714. (Jan. 4.)**

Germany's Designs on French Iron Ore. 1. p.

**Engineering; Vol. 105, No. 2715. (Jan. 11.)**

Preparation of Ferro-Uranium. 1½. pp.

**Engineering; Vol. 105, No. 2716. (Jan. 18.)**

Some Unusual Features in the Microstructure of Wrought

Iron; by H. S. Rawdon.

4. pp.

**Engineering; Vol. 105, No. 2717.** (Jan. 25)

The Iron Ore Deposits of Russia.

$\frac{1}{3}$  1. pp.

**Foundry; Vol. 46, No. 307.** (Mar.)

How Semisteel Shells are being made in France;

by E. Ronceray.

$\frac{3}{4}$  1. pp.

New Hoosier Foundry embodies Principles

of Modern Design.

3. pp.

Building of World's Largest Plate Mill involved unusual

Foundry Practice and Memorous Problems. 2. pp.

Making Good with Tradition Discarded.

13. pp.

Metallurgy of Cast Iron Airplane Cylinders.

1. p.

How Steel Castings are made in California.

4. pp.

Making Cores for small Hollow Parts.

1. p.

**Iron and Coal Trades Review; Vol. 96, No. 2603.**

(Jan. 18.)

Blast Furnace Gas and Recovery of Potash;

by A. L. Leigh, and K. M. Chance.

(with discussion).

3. pp.

Electrically-driven Rod Mill.

$\frac{1}{2}$  p.

Malleable Cast Iron;

by E. Adamson.

$\frac{2}{3}$  pp.

Use of Coke-Oven Gas in Gas Engines.

1. p.

**Iron and Coal Trades Review; Vol. 96, No. 2604.**

(Jan. 25.)

Recovery of Potash from Blast-Furnace Gases.

by R. A. Berry, and D. N. McArthur.

2. pp.

Tilting Metal Mixers and Steel Furnaces;

by H. S. Jackson.

1. p.

The Tata Iron and Steel Works in India.

1. p.

**Iron and Coal Trades Review; Vol. 96, No. 2605.**

(Feb. 1.)

Statistics of British Blast Furnaces for the Quarter

ended Dec. 31. 1917.

1. p.

**Iron and Coal Trades Review; Vol. 96, No. 2606.**

(Feb. 8.)

The "Weardale" continuous Billet Furnace.

$\frac{1}{2}$  p.

Iron and Coal in Spain after the War.

1. p.

Gas Firing Cowper Hot-Blast Stoves.

1. p.

Gas Furnaces as Re-Heaters of Iron Piles, etc;

by G. Carrington.

$1\frac{1}{2}$  pp.

**Iron and Coal Trades Review; Vol. 96, No. 2607.**

(Feb. 15.)

Electric Steel Refining Furnaces.

by J. Bibby.

3. pp.

Procedure for obtaining Steel.

1. p.

Blast Furnace Gas and Recovery of Potash.

1. p.

A High Temperature Electric Resistance Furnace:—

by W. Rosenhain and E. A. Coad-Payor.

$\frac{1}{2}$  p.

**Iron and Coal Trades Review; Vol. 96, No. 2608.**

(Feb. 22.)

Rolling Mills and the Electric Drive.

by L. Rothera. 1½ pp.  
Pyrometers and Pyrometry. ½ p.

Electrical Cleaning of Blast Furnace Gas.

by H. D. Egbert. 1 p.

British Import and Exports of Iron, Steel and Other Metals in 1918. 1 p.

**Iron Age; Vol. 101, No. 6.** (Feb. 7.)

Gas Fired Shipyard Furnace; 1 p.

by W. J. Harris. 1 p.

A New Chinese Iron and Steel Plant. 3 pp.

Record Breaking Exports of Iron and Steel. 1½ pp.

**Iron Age; Vol. 101, No. 7.** (Feb. 14.)

Advanced Ideas in Gray-Iron Foundry;

by Ch. Sundberg. 3 pp.

Corrosion of Iron and Steel. 1 p.

Electric and Converter Castings Compared;

by C. R. Messenger. 2 pp.

Effect of Copper in Medium-Carbon Steel.

by C. R. Hayward, and A. B. Johnston. 1½ pp.

**Iron Age; Vol. 101, No. 9.** (Feb. 28.)

New Method of Burning Powdered Coal. 5 pp.

Manganese Steel Rails. 1 p.

**Iron Age; Vol. 101, No. 10.** (Mar. 7.)

Making Cast Ammunition in France; 3 pp.

by E. Ronceray.

Application of Heat in Steel Treating;

by A. F. MacFarland. 3 pp.  
Unusual Conditions as to Refractories. 1½ pp.

**The Foundry Trades Journal; Vol. 20, No. 194.**

(Feb. 14.)

Research on Refractory Materials;

by G. E. Foxwell. 2 pp.

Malleable Cast Iron; by E. Adamson. 6 pp.

Fuel Oil and Its Applications. 1 p.

**Iron Trade Review; Vol. 62, No. 7.** (Feb. 14.)

Waste Prevention in Powner Plants;

by V. J. Azbe. 8 pp.

New Blast Furnace Now in Operation

Stricter Control over Ferro Alloys. 4 pp.

Evolution of the Modern Steel Car;

by H. R. Hoffstot. 2 pp.

**Iron Trade Review; Vol. 62, No. 8.** (Feb. 21.)

Making Grenades of the U. S. Army. 10 pp.

Heat Treatment of Steel. 1 p.

**Iron Trade Review; Vol. 62, No. 9.** (Feb. 28.)

How Heavy Structures are Moved. 4 pp.

Blast Furnace Preheater. 1 p.

War Converges French Iron Ore.

by F. Milton. 1 p.

Causes of Spill-Heads in Rails. 3 pp.

Study Action of Caustic on Steel. 1 p.

Iron and Steel Manufacturing Problems. 1 p.