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日本鑛業會誌 第三百七十四號(四月二十二日)

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機械工業の助長と製鐵所の擴張工

事に就て 島安次郎(三頁半)

鐵及鑛の腐蝕に就きて S Y 生(六頁半)

The Foundry. Vol. 44, No. 4 (April)

Casting Iron Segments for New York Tunnels:

By E. C. Kreutzberg. 5½ pp.

Foundry and Malleable Iron Output Compared. ½ p.

The Evolution of the Malleable Iron Process:

By J. P. Pero and J. C. Nulsen. 3 pp.

Melting Gray Iron in the Baby Bunting Cupola:

By F. West. 2 pp.

How to Operate Side-Blow Converters:

By H. W. Gilbert 1 p.

Producing a Big Output on a Small Floor Area:

By H. C. Estep. 10 pp.

Metallurgical & Chemical Engineering: Vol. 14,

No. 7 (Apr. 1)

The Operation of the Blast Furnace:

By J. E. Johnson. 9½ pp.

The Available Hearth Heat of the Blast Furnace:

By Alex. L. Feild. 2¼ pp.

Corrosion and the Engineer:

By W. H. Walker. 3½ pp.

The Technical Production of Hydrogen and Its Industrial Application:

Industrial Application:

(三頁)

- By H. L. Barnitz. 4. pp.  
The Irite. 1. p.
- Metallurgical & Chemical Engineering: Vol. 14, No. 8** (Apr. 15)  
Burdening the Blast Furnace: 8. pp.  
By J. E. Johnson.
- Metallurgical & Chemical Engineering: Vol. 14, No. 6** (Mar. 15)  
The Pig Iron Production Statistics  $\frac{3}{4}$  p.  
A Nomographic Blast-Pressure Chart  $\frac{1}{2}$  p.  
The Iron & Steel Market  $1\frac{1}{2}$  pp.  
Refrigeration in France: 5 $\frac{1}{2}$  pp.  
By L. Marchis.  
The Raw Materials of the Blast Furnace 5. pp.  
By J. E. Johnson.  
Recent Chemical & Metallurgical Patents, Iron & Steel 2. pp.  
The Application of X-Rays to Metallurgy 1. p.
- Iron & Coal Trades Review: Vol. 92, No. 2503** (Feb. 18)  
The Heat Treatment of Steel: 1. p.  
By J. E. Stead.  
The Iron Ore Controversy.  $\frac{2}{3}$  p.  
Tin Plate Production & Exports.  $\frac{1}{2}$  p.  
District Iron & Steel Trade Reports. 2. pp.
- Iron & Coal Trades Review: Vol. 92, No. 2504** (Feb. 25)  
A New Refractory Brick for High Temperatures.  $\frac{1}{2}$  p.  
The Evolution of the Cutting Edge: 1. p.  
By A. B. Middleton.  
The American Steel Market  $\frac{1}{2}$  p.  
Statistics of British Blast-Furnaces for the Quarter ended Dec. 31, 1915. 1. p.  
District Iron & Steel Trade Reports 2. pp.
- Iron & Coal Trades Review: Vol. 92, No. 2505** (Mar. 3)  
Works of Mild Steel Castings, Limited. 1. p.  
The Russian Iron & Steel Industry.  $\frac{1}{2}$  p.  
Modern Development in the Combustion of Blast Furnace Gas with special reference to the Bradshaw Gas Burner: 2. pp.  
By K. Hnessener.  
Methods of Preparing Turnings for Packing.  $\frac{1}{2}$  p.  
The Weighing Problem in Shell Manufacture  $\frac{1}{2}$  p.  
Fuel Oils from Coal: 1. p.  
By H. Moore.  
Iron & Steel Notes 1. p.  
New Open-Hearth Furnace Ports.  $\frac{1}{2}$  p.
- Iron & Coal Trade Review: Vol. 92, No. 2506** (Mar. 10)  
Use of Blast-Furnace Slag in Cement Manufacture,  $\frac{3}{8}$  p.

Modern Development in the Combustion of Blast-Furnace Gas with Special Reference to the Bradshaw Gas Burner :

By K. Huessener.

1. p.

**Iron & Coal Trades Review : Vol. 92, No. 2507**

(Mar. 17)

The Endurance of Metals under Alternating Stresses.

By B. P. Haigh.

1½ pp.

American Practice in the Manufacture of 8-in. and 9.2-in. H. E. Shells.

1½ pp.

**Iron & Coal Trades Review : Vol. 92, No. 2508**

(Mar. 24)

The Danforth Open-Hearth Chequerwork.

¾ p.

**Iron & Coal Trades Review : Vol. 92, No. 2509**

(Mar. 31)

Iron & Steel for Colliery Work.

1¾ pp.

Tool Steel Research.

1. p.

Blast Furnace Working and the Function of Slags :

By J. E. Fletcher.

1¾ pp.

The Electrolytic Method of Preventing Corrosion.

By E. Cumberland.

1. p.

**Engineering : Vol. 101, No. 2618** (Mar. 3)

The Occurrence and Influence of Nitrogen on Iron & Steel :

By N. Tschischewski.

3. pp.

**Engineering : Vol. 101, No. 2619** (Mar. 10)

The Position of the Iron Industry in Germany. ¾ p.

**Engineering : Vol. 101, No. 2622** (Mar. 31)

The Corrosion of Metals

2.½ pp.

The Electrolytic Method of Preventing Corrosion.

By E. Cumberland

1½ pp.

**The Iron Trade Review : Vol. 58, No. 11** (Mar. 16)

Renaissance of Eastern Ore Market :

By C. J. Stark.

5. pp.

Is "Gruner's Ideal" Now Tenable ?

By H. P. Howland.

7½ pp.

1915 Lake Superior Ore Shipments.

By R. V. Sawhill.

3. pp.

**The Iron Trade Review : Vol. 58, No. 13** (Mar. 30)

Uses of Alloy Steels

½ p.

Mill Practice & Rail Failures

2½ pp.

Nick and Break Steel Rail Test :

By R. W. Hunt and C. W. Gennet.

10. pp.

Nick & Break Test of Steel Rails.

By R. Stoughton.

1. p.

Railroad Engineers Discuss Rail Tests.

½ p.

**The Iron Trade Review : Vol. 58, No. 14** (Apr. 6)

How a British Shop Tempers Chisels :

By H. Fowler.

1. p.

Manufacturing Steel Stamps and Dies

1. p.

**The Iron Trade Review : Vol. 58, No. 15** (Apr. 13)

Converter Foundry for Varied Work.

5½ pp.

Chemistry of Oxygen's Effect on Cast Iron.

By W. McA. Johnson.

1 p.

By D. McJain.

1½ pp.

Coating Metals with Zinc.

1 p.

Pouring Temperature of Iron.

¾ p.

Standard Measurement for Natural Gas.

1 p.

Magnetic Tests of Soundness of Rails.

1½ pp.

How to Secure Safety in the Shop.

By F. R. Hutton.

4 pp.

The Organization of a Modern Foundry:

By W. F. Rockwell.

1¼ pp.

Intra-Shop Transportation.

By N. Whitchello.

1 p.

Electric Pig Iron Furnaces.

1 p.

**The Iron Age: Vol. 97, No. 11 (Mar. 16)**

New Features in a Steel Stamping Plant  
Steel Castings for American Battleships & Merchant-  
men:

2 pp.

The 12-in. Howitzer in National Defence:

By C. A. Tupper.

2½ pp.

By E. F. Cone.

6½ pp.

Structural Alloy Steels.

1 p.

Coke in the Blast Furnace

½ p.

The Use of Metal Briquettes in Cupolas.

1 p.

Silicon Alloy Steels

¾ p.

New Pig-Iron Record.

1½ pp.

Oxygen Enrichment of Blast

½ p.

New Flue Structure for Hot Blast Stoves.

½ p.

American Rail Mill Practice.

1½ pp.

**The Iron Age: Vol. 97, No. 13 (Mar. 30)**

A Continuous Foundry for Small Castings.  
Mining of Manganese Ore in Virginia.  
Automatic Polishing Machine.  
Tungsten Lamps in making Photomicrographs of  
Steel.  
A New Form of Optical Pyrometer.  
Melting Steel and Gray Iron in a Cupola:

7½ pp.

2 pp.

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½ p.

½ p.

½ p.