

## 内外雜誌主要題目

工業雜誌 第六百三十七號(十月五日)

株式會社安來製鋼所の近況

(二頁)

日本鑛業會誌 第四百四號(十月二十二日)

加奈陀及北米合衆國に於ける鐵及鋼の生産費 (十一頁)

朝鮮鑛業會誌 第一卷第十一號

併川鐵鑛床の生因

川崎繁太郎 (十一頁)

臺灣鑛業會報 第五十八號(十月三十一日)

石炭需給の將來

井出健六 (三頁)

印度に於ける石炭鑛業

桑島圭計 (十三頁)

筑豐石炭鑛業組合月報 第一百七十三號(十一月十五日)

日本製鐵株式會社の將來と

石炭

川合得二 (三頁)

工業雜誌 第六百四十號(十一月二十日)

アムペーの説

本多光太郎 (四頁)

Iron Age; Vol. 102, No. 9. (Aug. 29.)

The Slick Wheel Mill.

74. pp.

Modern Practice in Galvanizing Sheets;

by C. F. Poppleton.

4. pp.

Iron Age; Vol. 102, No. 10. (Sept. 5.)

Aspects of the Indian Steel Industry.

4. pp.

Automatic Shell Heat Treating Furnaces;

by W. J. Harris.

34. pp.

Brinell Hardness Test.

14. pp.

To meet large Demand for War Steel.

14. pp.

Recovery of Potash from Blast Furnaces.

1. p.

Iron Age; Vol. 102, No. 5. (Aug. 1.)

The Webb Electric Steel Furnace.

34. pp.

Causes of Defects in Steel Ingots. by J. N. Kilby. 4. pp.

Silica Brick in Open-Hearth Furnace Roofs. 24. pp.

Change in Dimension of Heat-Areated Bars. 2. pp.

Iron and Coal Trades Review; Vol. 97, No. 2630.

(Jul. 26.)

The Prospects of founding a Potash Industry in This

Country, by K. M. Chance. 24. pp

Developments in Heavy Plain Grinding

24. pp

Machines.

1. p.

Iron and Coal Trades Review; Vol. 97, No. 2631.

(Aug. 2.)

Steels for Gears and their Treatment;

by G. A. Richardson. 1. p.

Blast Furnace Skip Hoists.

1. p.

Iron and Coal Trades Review; Vol. 97, No. 2632.

(Aug. 9.)

Triplex Process in Electric Steel Making.

1. p.

Electric Furnaces for Heat Treatment.

1. p.

An Automatic control for Electric Furnaces.

1. p.

Statistics of British Blast Furnaces for the Quarter

ended June 30, 1918. 1. p.

**Iron and Coal Trades Review; Vol. 97. No. 2633.**

(Aug. 16)

Iron and Coal in Russia before the War. 2. pp.

A German View of Post-War Iron and Steel

Production. 1. p.

**Iron and Coal Trades Review; Vol. 97. No. 2634.**

(Aug. 23.)

Fuel Economy in Modern Steel Works Unit. 1. p.

Japanese Investigations of Transformations in Iron and Steel. 1½. p.

**Metal Industry; Vol. 13, No. 7. (Aug. 16.)**

Order and Method in the Plating Shop.

by "Electrographer." 2. pp.

**Metal Industry; Vol. 13, No. 8. (Aug. 23.)**

Deposition of Nickel upon Cast Iron from a Hot

Electrolytic. by R. F. Clark. 1. p.

**Mining and scientific Press; Vol. 117, No. 11.**

(Sept. 14.)

Iron in Santo Domingo.

by R. B. Brinsmade. 3. pp.

**The Analyst; Vol. 43. No. 510. (Sep.)**

Methods for the Commercial Analysis of Ferro-

Silicon. E. M. Anger. 1. p.

**The Analyst; Vol. 43. No. 511. (Oct.)**

Rapid Estimation of Carbon in Steel by Barium

Carbonate Method. J. R. Cain and L. C.

Maxwell.

1. p.

**The Foundry Trade Journal; Vol. 20, No. 202.**

(Oct.)

A Method for the Prevention of Growth in Grey

Cast iron. J. E. Hurst. 2½. pp.

Phosphorus in Malleable Cast Iron.

by J. H. Teng. 1½. pp.

Cooling of Steel in Ingot and other Forms.

by J. E. Eltcher. 7½. pp.

Carbon Electrodes for Furnaces.

by J. A. Holden. 1. p.

Steels for Gears and their Treatment.

by G. A. Richardson. 1½. pp.

The Manufacture of Basic Steel. 1½. pp.

New Melting and Reheating Furnace. 1½. pp.

Large jolt-ram, turnover, pattern-drawing  
moulding machine. 2. pp.**The Foundry Trade Journal; Vol. 20, No. 201.**

(Sept.)

Influence of some special Constituents on Cast-Iron.

by A. Campion. 3½. pp.

Cast-Iron Shells in Permanent Moulds. 3. pp.

Essential properties of Refractories used in Steel

Production. by A. Reynolds. 1½. pp.

Converter Steel Castings. ½. p.

Thermal refinement of Gear Blanks. 1.

Damascene Steel. by C. N. Beliew. 1. p.

**Bulletin of the American Institute of Mining Engineers. No. 142. (Oct.)**

The Metallography of Tungsten. 2. pp.

The Byproduct Coke Oven and its products. 1. p.

Notes on Electric Furnace Problems:

by J. L. McK. Yardley 6. pp.

**Bulletin of the American Institute of Mining Engineers. No. 143. (Nov.)**

The Metallography of Tungsten 9. pp.

The manufacture of Ferro-Alloys in the

Electric furnace. 4. pp.

The Byproduct Coke oven end its products. 2. pp.

The Use of Coal in pulverized form. 7. pp.

Development of the Coke Industry in Colorado,

Utah, and New Mexico. 3. pp.

A Metallographic Investigation of Transverse-fracture Rails with special reference to High-phosphorus Streaks.

by G. F. Comstock. 16. pp.

**The Foundry; Vol. 46, No. 314. (Oct.)**

Your biggest Foundry problem-Manpower.

by H. C. Estep. 8 pp.

**The Foundry; Vol. 46, No. 315. (Nov.)**

A New method of Molding Trench-Mortar Shell.

by H. C. Estep. 3 pp.

Sale and Distribution of Foundry Pig-iron.

by C. J. Stark. 4 pp.

Making Ordnance Steel for the army and navy.

by J. H. Hall. 2½ pp.

Government requirements for Steel Castings.

by E. R. Swanson. 1. p.

How to select suitable Sand-Blast equipment.

by H. D. Gales. 6½ pp.

**Iron and Coal Trades Review; Vol. 97, No. 2635.**

(Aug. 30.)

The manufacture of Metallurgical Cope, with special reference to the recovery of By-products. 1. p.

**Iron and Coal Trades Review; Vol. 97, No. 2636.**

(Sept. 6.)

Coal and Coke in Belgium before and after the

War. 1½ pp.

**Iron and Coal Trades Review; Vol. 97, No. 2637.**

(Sept. 13.)

The Utilisation of Waste heat from Open-Hearth

Furnaces for the generation of Steam.

by Th. B. Mackenzie. 4. pp.

Influence of Hot-Deformation on the Analytics of

Steel. by J. Charpy. 1. p.

Influence of Some Elements on Tenacity of Basic

Steel. by A. McWilliam. 1. p.

Note on the Warping of Steel through repeated

Quenching. by J. H. Whiteley. ½ p.

Rate of Change in Electrical Resistance of Hardened Steel at 100 deg. C. and ordinary Temperatures.

by E. D. Campbell. ½ p.

The Principles of Open-Hearth Furnace Design.

by H. F. Bagley. 2½ pp.

Experiments on reaction between Pure CO and Pure

Iron below A1 Inversion.

by H. C. H. Carpenter, 1 p.

Silica Bricks from Steel Furnaces. ½ p.

### Iron and Coal Trades Review; Vol. 97, No. 2638.

(Sept. 20.)

Cooling of Steel in Ingot and other forms.

by J. E. Fletcher. 3½ pp.

Notes on Bosh Tuyeres. by J. Hollings. 1½ pp.

A method for the Prevention of Growth in Grey

Cast Iron. by J. E. Hurst. 1 p.

### Iron and Coal Trades Review; Vol. 97, No. 2639.

(Sept. 27.)

Waste in Steel Ingots. 1½ pp.

Standardisation of Tests for Refractory Materials.

by C. Johns. 2 pp.

Prevention of Growth in Grey Cast Iron.

by J. E. Hurst.

Report on Hardness testing; Relation between Ball

hardness and Scleroscope Hardness.

by A. F. Shore. 2½ pp.

Open Hearth Furnace Design. 1 p.

Quality in Steel. 1 p.

### Iron and Coal Trades Review; Vol. 97, No. 2640.

(Oct. 4.)

Manufacture of Silica Bricks; by H. Le Chatelier

and B. Bogitch. 2 pp.

The Electric precipitation of Blast-furnace dust. 1 p.

### Iron and Coal Trades Review; Vol. 97, No. 2641.

(Oct. 11.)

Manufacture of Silica Bricks; by H. Le Chatelier

and B. Bogitch. 2½ pp.

Calorific values and Ash yields. 1 p.

Thin coatings on Tinplates. 1 p.

The Operation of Rotary Converters.

by J. Humphrey. 2 pp.

### Iron and Coal Trades Review; Vol. 97, No. 2643.

(Oct. 25.)

The Corrosive action of Flue dust on Firebricks.

by J. W. Mellor and W. Emery. 1 p.

The Standardisation of Tests for Refractory

Materials. (Part II). 1 p.

The Future of Iron. ½ p.

The Determination of Hardness. 1½ pp.

Iron and Steel Trades after the War.

by W. H. Kidston. 1½ pp.

Silica and other Refractory Bricks made from  
Non-plastic materials. by G. W. Mottram.  $\frac{1}{2}$  p.  
Casting at National Fractories. 4. pp.

**Iron Age; Vol. 102, No. 11.** (Sep. 12.)

A Diversified application of Powdered Coal:

by Ch. Longnekar.

5. pp.

Tensile Strength and Hardness of Steel.

by H. M. Brayton.

3. pp.

A Cause of Failure in Boiler plates.

by W. Rosenhain and D. Hanson.

4. pp.

**Iron Age; Vol. 102, No. 13.** (Sept. 26)

Ore advanced 25 cents and Pig Iron \$1.

2. pp.

Making Ferrotingsten in Electric Furnace.

2. pp.

**Iron Age; Vol. 102, No. 14.** (Oct. 3.)

Casting Rings in centrifugal machine.

by E. F. Cone.

6 $\frac{1}{2}$  pp.

American and Foreign Steel Foundries.

2. pp.

Sound Steel by Lateral Compression

by B. Talbot.

3. pp.

**Iron Age; Vol. 102, No. 15.** (Oct. 10.)

Making Semi-steel projectiles.

4 $\frac{1}{2}$  pp.

The Development of Stellite. by E. Haynes.

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

Electric arc and Oxy-acetylene Welding.

2. pp.

**Iron Age; Vol. 102, No. 16.** (Oct. 17.)

Semi-Steel Shells leading topic.

14. pp.

British and American Malleable Cast Iron.

by T. Turner.

4. pp.

**Iron Age; Vol. 102, No. 17.** (Oct. 24.)

Electric Pig Iron from Steel scrap.

by R. Turnbull.

2. pp.

**Iron Age; Vol. 102, No. 18.** (Oct. 31.)

Development of American Ferromanganese.

by Th. Swann.

1. p.

Physical Tests of Rolled Shell Steel.

by J. J. Mahon.

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

Shell Castings for Ordnance purposes.

by J. H. Hall and E. R. Swanson.

3 $\frac{1}{2}$  pp.

**Iron Trade Review; Vol. 63, No. 12.** (Sep. 19.)

Making Dummy Shells for army;

by H. C. Estep.

4. pp.

Structural causes of rail fissures.

1. p.

Advantages of Fuel oil over Coal.

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

Key to Peace in Iron of Lorraine.

by S. Paige.

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

**Iron Trade Review; Vol. 63, No. 13.** (Sept. 26.)

New Brier Hill Furnace lighted.

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

**Iron Trade Review; Vol. 63, No. 14.** (Oct. 3.)

Molten Metal Charging Car.

1. p.

**Iron Trade Review; Vol. 63, No. 17.** (Oct. 21.)

Cleaning Foundry Air Electrically.

by H. D. Egbert.

4. pp.

Increases strip Steel capacity.

4. pp.

**Iron Trade Review; Vol. 63, No. 18. (Oct. 31.)**

Making pressed Steel Car Wheels. I.

7. pp.

by G. E. Thackray.

Making and Testing Silica Brick.

3. pp.

by R. J. Montgomery.

Easily Handled Electric Furnace.

2. pp.

**The Blast Furnace and Steel Plant; Vol. 6, No. 10.**

(Oct.)

Standardizing large Rolling Mill motors.

4. pp.

by K. Parly.

Fuel Economy in Blast Furnace Practice.

2. pp.

by T. C. Hutchinson.

Electrically driven Mills at Bethlehem.

3. pp.

by J. T. Sturtevant.

**Monthly Bulletin of the Canadian Mining Institute; No. 78. (Oct.)**

Metallurgical Notes. by W. G. Danurey. 2½. pp.

**Engineering and Mining Journal; Vol. 106, No. 11.**

(Sep. 14.)

Development of Brazilian Iron-Ore Deposits. 1. p.

**Engineering and Mining Journal; Vol. 106, No. 13.**

(Sept. 28.)

Important Physical properties of Acid Refractory

Materials and Methods of Estimation.

by G. E. Foxwell. 5½. pp.

**Engineering and Mining Journal; Vol. 106, No. 16.**

(Oct. 19.)

Manganese development in Virginia.

1. p.

by M. Haney.

**Engineering and Mining Journal; Vol. 106, No. 18.**

(Nov. 2.)

Tungsten in Manganese Ore. by W. R. Jones. 1. p.

The Ferro-Alloys. by W. Richard.

4. pp.

**Chemical and Metallurgical Engineering; Vol. 19,**

**No. 6. (Sep. 15)**

Slag control in the Iron Blast-furnace by means of

Slag viscosity Tables. by A. L. Field. 7. pp.

Electric Welds, by E. E. Thunn. 7½. pp.

**Chemical and Metallurgical Engineering; Vol. 19,**

**No. 9. (Nov. 1.)**

The Developments of the Ferro-Manganese Industry in the United States since 1914;

by Th. Swann, 1½. pp.

**Engineering; Vol. 106, No. 2749. (Sept. 6.)**

The Metallography of Tungsten.

by Z. Jeffries. 6½. pp.

**Engineering; Vol. 106, No. 2750. (Sept. 13.)**

The Importance of Coke Hardness.

The Metallography of Tungsten. by Z. Jeffries. 3. pp.