

## 内外雜誌主要題目

工業雜誌 第六百二十八號(五月二十日)

鋼材加熱用の爐に就て

(二頁)

製鐵研究會記事 第四十四號(五月十六日)

我國に於ける製鐵發達史の研究に就て

向井哲吉 (十二頁)

「レヴァシング、ミル」の電氣運轉に就て

岸原重治 (四頁)

第一及第二分塊工場設備並に作業概要

田邊之次 (十七頁)

電氣爐々材としての「マグネシヤ」

(三頁)

金屬の組織に及ぼす歪力の影響

(六頁)

朝鮮鑛業會誌 第壹卷第六號(六月一日)

世界第一の石炭國に於ける石炭饑饉

川崎繁太郎 (三七頁)

工業雜誌 第六百二十九號(六月五日)

燒嵌の爲め外輪に生ずる内力(一)

野口尙一 (五頁)

鋼もどき製砲彈鑄造法

N. S. (四頁半)

日本鑛業會誌 第三百九十九號(五月二十二日)

銑鐵、鋼及合金用の電氣爐 渡邊俊雄 (廿二頁)

Machinery; Vol. 24, No. 7. (March.)

Snagging Malleable Iron Castings. 1. p.

A Substitution for Brass. 1½. p.

Manufacture of a Self-Lubricating Bearing

Material. 1¾. p.

Railway and Locomotive Engineering; Vol. 31,

No. 3. (March.)

Heat Treatment of Steel. 1½. p.

The Boiler Maker; Vol. 13, No. 3. (March.)

The Welding of Large Storage Tanks.

by Oxy-Acetylene Process. 4½. pp.

Oxy-Acetylene and Electric Welding. 1½. pp.

The Automobile Engineer; Vol. 8, No. 111. (Feb.)

The Manufacture of Ball Bearings. 3. pp.

The Impact Test. 1½. p.

The Engineer; Vol. 125, No. 3246. (March 15.)

Power required by Colled Rolling Mills. 2. pp.

Ferro-Concrete Ships. 1. p.

Acid Resisting Iron. 1. p.

Chemical Engineering & Mining Review; Vol. 10,

No. 115. (Apr.)

Tinting, Galvanizing and Colouring Metals. 1½. pp.

The Journal of the Chemical, Metallurgical & Mining Society of South Africa; Vol. 18, No. 8. (Feb.)

Electric Furnace Manufacture of Slues and Dies on the Witwatersrand; and Electric Steel Melting Plant. 1. p.

**Engineering; Vol. 105, No. 2729. (Apr. 19.)**

Wincott Furnaces. 2. pp.

The Iron Carbon Equilibrium Diagram and its Practical Usefulness, by H. C. H. Carpenter. 1½. pp.

**Engineering; Vol. 105, No. 2730. (Apr. 26.)**

The Iron Carbon Equilibrium Diagram and its Practical Usefulness. by H. C. H. Carpenter. 3. pp.

Mangnesites and Magnesite Bricks. 1. p.

**Engineering & Mining Journal; Vol. 105, No. 17. (Apr. 27.)**

Manganese Deposits of Clark County, Nevada.

by F. A. Hale. 3. pp.

United States Steel Corporation. 2½. pp.

**The Metal Industry; Vol. 12, No. 15. (Apr. 12.)**

Pyrometry and its Application to the Metal Trades.

by C. M. Walter. 4½. pp.

**The Metal Industry; Vol. 12, No. 16. (Apr. 19.)**

Pyrometry and its Application to the Metal Trades.

by C. M. Walter. 3. pp.

Practical Papers by British Foundrymen. 1½. pp.

Gas Fired Melting Furnaces.

by F. H. Hurren. 1½. pp.

**The Metal Industry; Vol. 12, No. 17. (Apr. 26.)**

Practical Papers by British Foundrymen.

by A. Harley. 3. pp.

**Metallurgical & Chemical Engineering; Vol. 18, No. 10. (May 15.)**

Iron and Steel Production Rates. 1½. pp.

The Iron and Steel Market. 1. p.

**Metallurgical & Chemical Engineering; Vol. 18, No. 9. (May 1.)**

Production of Electrometallurgical or Electrochemical Products Per Kilowatt-Year. 1. p.

Electric Furnaces discussed by Faraday Society. 1. p.

Automatic Electric Furnace Control. 1. p.

**The Analyst; Vol. 43, No. 505. (Apr.)**

Notes on the Analysis of Exhaust Gas.

by G. A. Clare. 1½. pp.

**Monthly Bulletin of the Canadian Mining Institute. No. 73. (May.)**

The Fuel Conference. 3. pp.

Waste of Coal in Canada. by W. J. Dick. 29. pp.

**Bulletin of the American Institute of Mining Engineers. No. 137. (May.)**

Grain-Size Inheritance in Iron and Carbon Steel.

2. pp.

**The Foundry Trade Journal; Vol. 20, No. 196. (Apr.)**

Electric Carbon Tool Steel. by J. A. Holden. 1½. pp.

Electric Furnace Progress. ¼. p.

Use of Iron Moulds. 6. pp.  
Physical constitution of Moulding Sands. 6. pp.  
A High-Temperature Electric Resistance Furnace. 1½. pp.

**The Foundry; Vol. 46. No. 309. (May.)**

No Relief in Sight from Pig Iron Shortage. 3. pp.  
Increased Sulphur Content for Steel Castings. 1. p.  
by G. Muntz.

Handling Government Work in a Steel Foundry.

by H. C. Estep. 7. pp.

Cooling Rase effects Steel Casting Design....I.

by J. G. Fletcher. 4. pp.

Molding a Superheater Locomotive Cylinder.

by R. H. Palmer. 4. pp.

The Waste-Heat Boiler for Melteable Furnaces.

by A. D. Pratt. 6. pp.

Growth of Gray Cast Iron by Repeated Heating.

by J. E. Hurst. 3. pp.

**The Iron Trade Review; Vol. 62, No. 17. (Apr. 25.)**

Government Watching Iron Supplies. 2. pp.

How Gun Lathe Castings are made.

by H. C. Estep. 6. pp.

**The Iron Trade Review; Vol. 62, No. 18. (May 2.)**

Thermal Refinement of Gear Blanks.

by C. R. Poole. 2. pp.

How Lake Fleet will meet Ore Needs.

by R. V. Lawhill. 1½. pp.

**The Iron Age; Vol. 101, No. 17. (Apr. 25.)**

Canada's Electric Steel Plant at Torontos. 5. pp.  
Economic Factors in the Iron Industry.

by M. Keir. 2. pp.

**The Iron Age; Vol. 101, No. 18. (May 2.)**

Hollow Steel Axles and Safety First.

By J. Pollak. 3. pp.

**The Iron Age; Vol. 101, Ne. 20. (May 16.)**

Japanese Development in Steel-Making.

by Th. T. Read. 3½. pp.

The Burning Steel. 1. p.

Pulverized Fuel for Steel. 1. p.

Uses of Zirconia in Steel Metallurgy. 1½. pp.

Economic Factors in the Iron Industry.

by M. Keir. 2. pp.

Electric Furnace for Steel Castings. 2. pp.

Drive for Eight-Hour Day at Steel Works. 2. pp.

**Iron & Coal Trades Review; Vol. 96, No. 2614.**

(Apr. 5.)

The Problem of Man-Power in Home Iron-Ore Supply Field: Mechanical Appliances the Solution.

by W. Barnes. 2½. pp.

Colke as Blast Furnace Fuel.

by G. W. Hewson. 1. p.

**Iron & Coal Trades Review; Vol. 96, No. 2615.**

(Apr. 12.)

Some Physical Properties of acid Refractory Materials  
and Methods for Estimating them.

by G. E. Foxwell.

2. pp.

Stobie 15 Ton Electric Furnace.

2. pp.

**Iron & Coal Trades Reviews; Vol. 96. No. 2616.**

(Apr. 19.)

United States: Steel Corporation Annual Report.  $\frac{1}{2}$  p.

The By-Product Coke-Oven and its Products.

by W. H. Blauvelt.

1. p.