

## 内外雜誌主要題目

製鐵研究會記事 第三十九號(七月六日)

歐洲戰爭と製鐵業

田島勝太郎 (八頁)

誘導式電氣爐

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孤駄馬生 (十頁)

米國に於ける鋼滓と其利用

Metallurgical & Chemical Engineering, Vol. 16, No. 12. (Jun. 15).

Leads for Electric Furnaces;

by Prof. A. Lindström. 4. pp.

Producer Gas and Its Industrial Uses.

by F. W. Steere. 5. pp.

Recent Developments in the By-Products Coking Industry of Japan. by T. Kurahashi. 2. pp.

A New Hardness Tester.

1. p.

Metallurgical & Chemical Engineering; Vol. 16, No. 10. (May 15).

A Convenient and Inexpensive Electric Furnace for

High Temperatures. by A. W. Fahrenwald. 1. p.

Electric Steel.

8. pp.

Electric Baking of Foundry Cores.

1. p.

工業化學雜誌 第二百三十二號(六月五日)

燃料研究上の着目點に就て

工學士 内藤游 (二十一頁)

筑豐石炭鑛業組合月報 第百五十六號(六月十五日)

X光線に依る石炭の研究 牧野立 (二頁)

石炭の仕様書購買法に就て 永田五郎 (十頁)

露國黑龍江州及黑龍江沿岸地方に於ける探炭業

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日本鑛業會誌 第三百八十八號(六月二十二日)

世界特に我國に於ける鐵鑛床は如何

(承前) 鈴木敏 (十頁)

世界に於ける埋藏鐵鑛量に就て (七頁)

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鑄鐵強さの規格に就て 朝倉希一 (十二頁)

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戸畑鑄物株式會社製軟化鑄鐵の衝擊強さに就て

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水曜會誌 第貳卷第十號(六月三十日)

黝銑中にある燐「ユートクチック」の性狀

及其腐蝕法 井口庄之助 (五頁)

Surface Combustion applied to Galvanizing.

by W. J. Harris.

1½. pp.

**Metallurgical & Chemical Engineering; Vol. 16, No.**

**11. (Jun. 1).**

Chemical Reactions of Iron Smelting;

by W. Mathesius.

4. pp.

**Engineering & Mining Journal. Vol. 103, No. 22.**

(Jun. 2).

Metallurgy of Ferromanganese.

3. pp.

**Engineering & Mining Journal; Vol. 103, No. 20.**

(May 19).

Suggestions for Selecting & Testing Drill Steel. 1½. pp.

**Engineering; Vol. 103, No. 2679. (May 4).**

Steel Ingot Defects. by J. N. Kilby.

2½. pp.

Properties of the Refractory Materials used in the Iron  
& Steel Industry, by C. Johns.

1½. pp.

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

Refractories.

2. pp.

Steel Ingot Defects.

1½. pp.

Inenching Experiments.

½. p.

Cementation by Gas under Pressure.

by F. C. Langenberg.

4½. pp.

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

The Case Hardening of Iron Boron.

by N. Tschischewsky.

½. p.

Ogden's Coal-Fired Shell Nose Furnace.

½. p.

Etching Steel Sections at High Temperatures in Vacuo.

by N. Tschischewsky.

3. pp.

**Engineering; Vol. 103, No. 2683. (Jun. 1).**

Refractory Materials Section of the Ceramic Society.

2. pp.

**The Analyst; Vol. 42, No. 494. (May).**

Estimation of Chromium in Ferrochrome.

by W. Verwig.

½. p.

Estimation of Chromium in Ferrochrome, Steel, Slags,  
etc., by the Permanganate Method.

by P. Koeh.

1  
3. p.

Estimation of Nickel in the Presence of Zinc and Iron.  
by S. Rothschild.

1  
3. p.

**The Foundry Trade Journal. Vol. 19, No. 185. (May).**

Bethlehem Steel Company's Electric Furnace.

2. pp.

Making Strainer Moulds. by J. Horner.

2½. pp.

American Practice in the Manufacture of Cast Steel

Shells. by E. F. Cone.

1½. pp.

Fluted Cash-Iron Posts. by C. Thomas.

1½. pp.

Foundry Facings. by H. Winteston.

4. pp.

**The Foundry; Vol. 45, No. 298. (Jun).**

How we may Conserve Our Metal Resources.

by Ch. Vickers.

6. pp.

How it is done in an Ohio Shop.

5. pp.

Castings from Acid and Basic Electric Steel.

by A. W. Lorenz.

2½. pp.

The Electric Furnace in the Steel Casting Plant.  
by R. F. Flinterman. 2. pp.

A Self-Skimming Ladle for pouring Steel for Castings.  
1. p.

Early Stove Manufacture in the United States.  
by W. J. Keep. 1½. pp.

**The Journal of the Chemical, Metallurgical & Mining Society of South Africa Vol. 17, No. 10.**  
(Apr.).

Alloy Steel Castings. by I. D. Evans. ½. p.

**The Mining and Engineering Review. Vol. 9, No. 104.** (May 5).

The Microscopy of Steel. by B. J. Smart. 5. pp.  
Clay, Silica, Magnesite and Aluminous Refractories.  
2½. pp.

**Bulletin of the American Institute of Mining Engineers; No. 126.** (Jun).

The Ferrrous Iron Content and Magnetic Susceptibility of Some Artificial and Natural Oxides of Iron;  
by R. B. Sosman and J. C. Hostetter. 25. pp.

Jonal Growth in Hematite, and its Bearing on the Origin of Certain Iron Ores by R. B. Sosman & J. C. Hostetter. 11. pp.

The Magnetic Concentration of Low-Grade Iron Ores.  
1. p.

The Function of Alumina in Slags. 2. pp.  
Dry-Hot versus Gold-Wet Blast-Furnace Gas Cleaning  
Some Suggestions regarding Construction of Hot-Blast Stoves. 2. pp.

Temperature Measurements in Bessemer & Open-Hearth Practice. 1½. pp.

Notes on the Heat Treatment of High-Speed Steel Tools. 2. pp.

The Tayeh Iron-Ore Deposits. 1½. pp.

**The Iron Trade Review; Vol. 60, No. 20.** (May 17).  
Asphyxiation by Blast Furnace Gas.  
by F. H. Willcox. 8. pp.

British Improve Electric Furnaces. 1½. pp.  
New Dock will facilitate Ore Loading. 1½. pp.  
The Deterioration of Refractories.  
by H. B. Cronshaw. 2½. pp.

**The Iron Trade Review; Vol. 60, No. 21.** (May 24).  
The Foundry behind The Automobile. 9. pp.  
Prepare to Build Ships by Hundreds. 1½. pp.

**The Iron Trade Review; Vol. 60, No. 22.** (May 31).  
New Tide Water Tin Plate Plant. 2½. pp.

The Scientific Cutting of Metals.  
by A. L. De Leen. 3. pp.

Turbo-Blowers for Blast Furnaces, by R. H. Rice & S. A. Moss. 5. pp.

The Manufacture of Steel Castings.

by R. P. Lamont.

23. pp.

**The Iron Trade Review ; Vol. 60, No. 23.** (Jun. 7).

Problems in Manufacture of Ammunition ;

by A. L. Humphrey.

6½. pp.

Uses of Steel Castings ; by S. P. Bush.

1. p.

Chemical Reactions of Ore Smelting ;

by W. Mathesius.

3. pp.

Inspection of Gages for Ammunition ;

by E. W. Whitaker.

1½. pp.

The Case for the Large Gas Engine ;

by F. Ottesen.

2. pp.

Revival of Virginia Iron Making.

1½. pp.

**The Iron Trade Review ; Vol. 60, No. 24.** (Jun. 14)

Art in making Crucible Tool Steel.

5. pp.

Hydraulic Pressure Tests of Pipe.

by F. H. Sibley.

1½. pp.

How Government at War buys Steel.

by L. W. Moffett.

3. pp.

Chemical Reactions of Iron Smelting.

by H. P. Howland.

1. p.

The Case-Hardening of Iron by Boron.

by Prof. Tschischewsky.

1. p.

A Study of Fuel Oils from Coal.

by H. Moore.

2. pp.

Hammer vs. Press in Heavy Forging.

by J. L. Cox.

4. pp.

**The Iron & Coal Trades Review ; Vol. 94, No. 2566.**

(May. 4).

The Influence of Surface Tension upon the Properties of Outlets, especially of Iron &amp; Steel.

by F. C. Thompson.

2. pp.

Cementation by Gas under Pressure.

by F. C. Langenberg.

1¼. pp.

The Penetration of the Hardening Effect in Chromium and Copper Steels. by L. Grenet.

1. p.

Origin &amp; Development of the Railway Rail in England and America. by G. P. Raidabough.

5. pp.

The Respection Merits of Gas Engines and Steam Turbines as applied to modern Iron &amp; Steel Works

Practice. by D. L. Cooper.

2. pp.

**The Iron & Coal Trades Review ; Vol. 94, No. 2567.**

(May. 11).

Statistics of British Blast Furnaces for the quarter ended

Marth. 31. 1917.

1. p.

**The Iron & Coal Trades Review ; Vol. 94, No. 2565.**

(Apr. 27).

The German Steel Syndicate ;

by W. J. Ashley.

1¼. pp.