

内外雜誌主要題目

日本鑛業會誌 第參百九拾四號(十二月二十二日)

鐵に就て 野口景義 (八頁)

地質地代上より見たる我國の炭田(完)

鈴木敏 (九頁)

水曜會誌 第參卷第壹號(十二月三十日)

石炭の需給關係と其利用を論じて動力問題に及ぶ

井出健六 (三十三頁)

鍛刀の榮 高橋信秀 (十九頁)

鑄鋼法の發達に就て 濱住松二郎 (十三頁)

工業雜誌 第六百十八號(十二月二十日)

鋼製品の研究にマグネチック、アナリシス、を應用

(十頁)

工業雜誌 第六百十九號(一月五日)

溫度の不同に依り生ずる鋼の内力に就て

栖原豐太郎 (十四頁)

亞鉛電氣鍍金に就て

鈴木木惠 (九頁)
志田正雄

東北帝國大學理科報告 第六卷第四號(十一月二十七日)

On the Thermal Expansion of Different Kinds of Steel

at High Temperature. by K. Honda. 16 pp.

A Criterion for Allotropic Transformations of Iron at

High Temperatures. by K. Honda. 5. pp.

On the Thermal and Electrical Conductivities of Carbon Steels at High Temperatures.

by K. Honda and T. Shimizu. 19. pp.

Mining & Scientific Press. Vol. 115, No. 21. (Nov. 24.)

Life of Cast-Iron Pipe. 1. p.

Mining & Scientific Press. Vol. 115, No. 23. (Dec. 8.)

The Rusting of Iron. 1. p.

Engineering & Mining Journal; Vol. 104, No. 21.

(Nov. 24.)

Metallurgy of Titanium Ferroalloys. 4. pp.

Engineering & Mining Journal; Vol. 104, No. 23.

(Dec. 8.)

Chromium, Its Occurrence and Mining. 2. pp.

Bulletin of the American Institute of Mining Engineers; No. 132. (Dec.)

Slag Viscosity Tables for Blast-Furnace Work.

by A. L. Feld and P. H. Royster. 8. pp.

Temperature-Viscosity Relations in the Ternary System.

$\text{CaO}-\text{Al}_2\text{O}_3-\text{SiO}_2$

by A. L. Feld and P. H. Royster. 6. pp.

Analyst; Vol. 42, No. 500. (Nov.)

Eggertz Test for Combined Carbon in Steel.

by J. H. Whiteley. 2. pp.

Volumetric Estimation of Molybdenum & Vanadium

in Steel. by Travers. 1. p.

Estimation of Phosphorus in Cast Iron.

by A. Cavazzi.

1. p.

The Journal of the Chemical, Metallurgical & Mining Society of South Africa; Vol. 18, No. 3. (Sept.)

Electric Furnace Manufacture of Shoes & Dies on the Witwatersrand. by H. Stanley. 12. pp.

Electric Steel-Melting Plant. by W. Buchanan. 5. pp.

The Mining Magazine; Vol. 17, No. 5. (Nov.)

Iron Ores in Pretoria District. 3. pp.

British Iron Ore Resources. 2. pp.

Brass World; Vol. 13, No. 11. (Nov.)

The Experiences of an Iron Atom, an elemental Autobiography. 4. pp.

Chemical Engineering and Mining Review; Vol. 10, 110. (Nov.)

Manufacture of Electric Steel. 1. p.

The Metal Industry; Vol. 11, No. 20. (Nov.)

Pyrometer Standardisation. 6. pp.

by E. Griffith & E. F. H. Schofield.

Structure of Sprayed Metallic Coatings. 1. p.

by R. Dürer.

Pyrometers and Pyrometry. 1½. pp.

The Metal Industry; Vol. 11, No. 21. (Nov. 23.)

Pyrometers and Pyrometry. 1½. pp.

Base-Metal Thermoelectric Pyrometers. 1½. pp.

by Ch. R. Darling.

1½. pp.

Metallurgical and Chemical Engineering; Vol. 17 No. 11. (Dec. 1.)

Bibliography of the Manufacture of Ferronanganese. 4½. pp.

by E. C. Buck.

Engineering; Vol. 104, No. 2706. (Nov. 9.)

Pyrometers and Pyrometry. 3. pp.

Engineering; Vol. 104, No. 2707. (Nov. 16.)

The Lifting Magnet as an Adjunct to the Electric Steel Furnace. 1. p.

The Paul Gilro Electric Steel Furnace. 2. pp.

Pyrometers and Pyrometry. 2. pp.

The Microstructure of Commercially Pure Irons.

by W. J. Brooke and F. F. Hunting. 2½. pp.

(Gas Furnaces: Their design and manipulation.

by A. Forshaw. 2½. pp.

Foundry Trade Journal; Vol. 19, No. 191. (Nov.)

The Pattern for a Large Condenser Waterway. 3. pp.

by J. Edger.

Sand Used in Metallurgical Practice. 1. p.

Cast Iron: Past, Present and Future. 2. pp.

by W. Machews.

New Experiments on Shock Tests and on the Determination of Resilience. 3½. pp.

by G. Charpy and A. Cornu-Thénard. 3. pp.

Refractories.

The Use of Metric Iron by Primitive Man.

by G. F. Zimmer. 5. pp.
Repairing Open-Hearth Furnaces whilst in Work.

Open-Hearth Furnace Dimensions. 1. p.
1. p.

Iron & Coal Trades Review; Vol. 95, No. 2592.
(Nov. 2.)

Recovery of Potash from Blast Furnace Gases. 1. p.
The Large Gas Engine in Blast Furnace Blowing
Plants. 1. p.

Practical Hints on the Estimation of Chromium in
Steel and Pig-Iron. by Th. F. Russell. 1. p.
The Dalry Ironstone Field, Ayrshire. 1. p.
Statistics of British Blast Furnaces for the Quarter
ended Sept. 30, 1917.

Iron & Coal Trades Review; Vol. 95, No. 2593.
(Nov. 9.)
German Steel-Makers and the Future. 1. p.

Iron & Coal Trades Review; Vol. 95, No. 2594.
(Nov. 16.)
The Determination of the Temperature of Liquid Steel
under Industrial Conditions. by C. Jones. 2. pp.
British Imports and Exports of Iron, Steel and Other
Metals in 1917. 1. p.

Iron & Coal Trades Review; Vol. 95, No. 2595.
(Nov. 33.)
Quick-Bend Test for Rails. 1. p.

Steel Smelters' Wages. 1. p.
Research on Refractory Materials.

by J. E. Foxwell. 1. p.
Open-Hearth Furnace Wages. 1. p.

Iron Trade Review; Vol. 61, No. 21. (Nov. 22.)
How Trance is amplifying Its Steel Output. 1. p.
Oxy-Acetylene Welding and Cutting. 1. p.
by S. Plumley. 1. p.

Iron Trade Review; Vol. 61, No. 22. (Nov. 29.)
Economical Use of Grinding Wheels. 1. p.
by W. T. Montague. 1. p.
Steel Supports High Tension Lines. 2. pp.
Quick Bend Method of Testing Rails. 2. pp.

Iron Trade Review; Vol. 61, No. 23. (Dec. 6.)
How Cold Rolling Machines are Made. 3. pp.
Man-O-War's Repair Shop is Unique. 2. pp.
Industrial Uses of Refractories. 1. p.
by H. C. Arnold. 1. p.

Shell Steel Specifications Issued. 2. pp.
Iron Age; Vol. 100, No. 20. (Nov. 15). 1. p.
Handling the Refuse of a Foundry. 1. p.
The Corrigan, McKinney New Steel Plant. 7. pp.
Phases of the Acid Open-Hearth Process. 1. p.

by E. Rogers. 2. pp.
Iron Age; Vol. 100, No. 21. (Nov. 22.) 2. pp.
Yard and Bins for Large Ore Storage. 2. pp.

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Iron Age; Vol. 100, No. 22. (Nov. 29.)

Iron Ore for Thropp Furnaces.	3. pp.
Utilizing Domestic Manganese Supplies.	2½. pp.
Centrifugal Cast-Iron Pipe.	1. p.
Dangers of Blast-Furnace Breakouts.	3. pp.
Our Manganese and Chromium Supplies.	
by J. E. Johnson.	3½. pp.
The Government and Iron & Steel Prices.	1½. pp.
Iron Age; Vol. 100, No. 23. (Dec. 6.)	
New Steel Works Heat-Treating Plant.	3½. pp.
Supplies of Ferromanganese.	1. p.
The Electric Furnace and Central Station.	
by E. L. Crosby.	2. pp.
Analysis of Ferro-silicon.	1½. pp.
Brazil's First Steel.	1. p.
High Sulphur Cast Iron. by T. Mastrand.	1. p.
Iron Age; Vol. 100, No. 24. (Dec. 13.)	
Cutting the Cost of Cupola Charging.	1. p.
Fence Wire Corrosion and Its Causes.	
by O. W. Storey.	3. pp.