

内外雜誌主要題目

日本鑛業會誌 第四百十四號(八月二十二日)
支那政府の鐵鑛閉類に就て 宮部 準八 (八頁)
石炭の地質學と經濟學

ジエー、アール、フヒンレー (十五頁)

筑豊石炭鑛業組合月報 第百八十二號(八月十五日)
日本産主要石炭の研究 (三)

栗原 鑑司(二十一頁)
外 二 名

朝鮮鑛業會誌 第二卷第八號(八月一日)

重石及黒鉛の將來、附同業組合設立の急務

中 川 湊 (五頁)

黄海道殷栗郡に於ける鐵滓分布 (一頁)

朝鮮鑛業會誌 第二卷第九號(九月一日)

朝鮮に於ける石炭の生産及消費

朝鮮總督府商工課 (七頁)

順川鐵山 (一頁)

工業雜誌 第六百五十七號(八月五日)

鐵合金製造用電氣爐に就て (一)

神谷 基夫 (七頁)

工業雜誌 第六百五十八號(八月二十日)

鐵合金製造用電氣爐に就て (二)

神谷 基夫 (四頁)

燃料に就て 内 藤 游 (十一頁)

東北帝國大學理科報告 第八卷第二號(八月二日)

On the Influence of Manganese on the Physical properties of Carbon Steel. by T. Matsushita. 12. pp.

On some Physical constants of Tungsten Steels. By K. Honda, and T. Matsushita. 10. pp.

On the Variation of the Specific Heat during melting and the Heat of Fusion of Some Metals. By I. Itaka. 19. pp.

Monthly Bulletin of the Canadian Mining Institute: No. 87. (July.)

Electric Smelting of Iron Ores. By A. Stansfield. 3. pp.

The Reduction of Iron Ores by the Electrothermic Process. By I. Simpson. 5. pp.

The Proposed Bountry on Iron Ores. 7. pp.

Application of Pulversed Coal in Blast Furnaces. By E. P. Mathewson, and W. L. Wotherspoon. 24. pp.

Monthly Bulletin of the Canadian Mining Institute: No. 88. (Aug.)

Canadian Iron and Steel Industry. By A. Stansfield. 4. pp.

Electric Smelting with Special Reference to Canadian Conditions. By B. M. Keeney. 5. pp.

111 **Bulletin of the American Institute of Mining and**

Metallurgical Engineers: No. 151. (July.)

- Shimer Case-hardening process. 1. p.
 Effect of Cold-working and rest on resistance of Steel to fatigue under reversed Stress. 2. pp.
 Graphitization of White Cast Iron upon Annealing. By P. D. Merica, and L. J. Gurevich. 10. pp.
 Erosion Tests of Rifle Barrels. By A. E. Bellis. 5. pp.
 Effect of Time and low temperature on physical properties of medium-carbon Steel. By G. A. Reinhardt, and H. L. Outler. 8. pp.
 Metallography of Rifle-barrel Steel. By G. F. Butterworth. 5. pp.
 Differential crystallization in a Cast-Steel runner. By F. B. Foley. 5. pp.

Bulletin of the American Institute of Mining and

Metallurgical Engineers: No. 152. (Aug.)

- Optical and Radiation Pyrometry. By P. D. Foote, and C. O. Fairchild. 27. pp.
 Teaching Pyrometry. By O. L. Kowalke. 3. pp.
 Use of modified Rosenhain Furnace for Thermal analysis. By H. Scott, and J. R. Freeman. 7. pp.
 Low-Sulfur Coal in Pennsylvania. By H. M. and T. M. Chance. 10. pp.
 Pyrometry and Steel Manufacture.

By A. H. Miller. 10. pp.

Foundry Trade Journal: Vol. 21, No. 210. (Jun.)

- The Use of X-rays in metallurgy. 3. pp.
 Recent developments in Refractories. 2. pp.
 Notes on Cupola practice. By J. Bagley. 5. pp.
 Moulding Ingot moulds. By A. B. Smith. 2. pp.
 Graphitization in Iron-Carbon Alloys. By K. Tawara, and G. Asahara. 4. pp.
 The Carburisation of Iron at low temperatures. By A. McCance. 1. p.
 Forth Report of the Corrosion Committee of the Institute of Metals. By G. D. Bengough, and O. F. Hudson. 3. pp.
 Heat treatment of Tool Steels. 1. p.
 Macro-etching and Macro-printing. By J. C. W. Humfrey. 4. pp.
 The Walbrand Legenisel converter for small Steel Castings. 1. p.
 Pulverised Coal. 2. pp.
 Mica Schist for lining cupolas and Steel converter. By P. G. H. Boswell. 1. p.
 Some criticisms by a fire brick manufacturer. By G. R. L. Chance. 2. pp.
 The Annealing of Chains. By J. E. Hurst. 1. p.
 Factors influencing the properties of Silica bricks (Part. I). By A. Scott. 1. p.

Foundry Trade Journal: Vol. 21, No. 211. (Jul.)

By J. L. Dixon.

2. pp.

A Plate Problem. By G. C. Swift.

The Foundry: Vol. 47, No. 328. (Aug. 1.)

8. pp.

Health in the Foundry.

Operating a plant for foundry welding.

3. pp.

Die Castings. By Ch. Pack.

Using metal denseners and molds.

2. pp.

Application of Electrical Energy to the Melting

By E. H. Broughall.

2. pp.

of Metals. By H. A. Greaves.

Labor is saved by pouring device.

3. pp.

Grey Iron castings from electric furnace.

The Foundry: Vol. 47, No. 329. (Aug. 15.)

2. pp.

By G. K. Elliott.

Molding machine that throws sand.

2. pp.

Factors in the Economical production of Electric Steel.

By P. Dwyer.

1. p.

By J. A. Holden.

How research work bring results.

1. p.

An Oil-fired non-crucible melting furnace.

By H. E. Diller.

1. p.

Davidson process of casting formed tools.

Problems in small foundry design.

2. pp.

By J. E. Johnson.

By M. H. Potter.

2. pp.

The Hermansen patent crucible melting furnace.

Insure the integrity of Malleable.

2. pp.

Oxygen in cast iron.

By E. Youceda.

1. p.

Moulding sand properties, and their determination.

Facts regarding silica refractories.

1. p.

By P. A. Hayes.

Money saved by testing laboratory.

1. p.

Semi-Steel and general foundry practice.

By H. R. Simonds.

1. p.

Planning a Work's research organisation.

Preventing accidents with ladles.

1. p.

By A. P. M. Fleming.

By M. H. Potter.

5. pp.

The Foundry: Vol. 47, No. 327. (Jul. 15.)

Raw Material: Vol. 1, No. 5. (Jul.)

Problems evolve melting changes.

Features of the Iron and Steel sheet industry.

5. pp.

Physical constants for malleable.

Electric furnace carbons. By Th. R. Hay.

5. pp.

By H. A. Schwartz.

The Blast Furnace and Steel Plant: Vol. 7, No. 7.

5. pp.

Preventing oxidation of electrodes.

(Jul.)

1. p.

How Slag influences Electric Steel.

Description of automatic ore unloader.

4. pp.

- Heating Furnaces and annealing furnaces.
By W. Trinks. 4. pp.
- Methods of Blast furnace charging.
By H. S. Braman. 2. pp.
- Anchor chain heat treating furnaces.
By T. F. Baily. 2. pp.
- Hydraulic vs Electric auxiliary drives.
By R. B. Gerhardt. 5. pp.
- Electrical cleaning of blast furnace gas.
By W. H. Gellert. 6. pp.
- Clairton By-product coke Plant equipment.
By F. F. Marguard. 3. pp.
- Electric resistance heat treating furnace.
By A. M. Clark. 3. pp.
- Continuous furnace for heating forgings.
Phosphorus estimation in high Steel. 3. pp.
- By G. W. Gray, and J. Smith. 1. p.
- Firing boilers with powdered coal.
By L. C. Harvey. 2. pp.
- The Blast Furnace and Steel Plant: Vol. 7, No. 8.**
(Aug.)
- Forming machine for shaping steel tubes. 4. pp.
- Modern teel metallurgical calculations.
By Ch. H. F. Bagley. 5. pp.
- Heat treating furnaces for heavy Artillery.
By W. J. Harris. 2. pp.
- Notes on practical metallographic methods.
By A. B. Wilson. 7. pp.
- Fuel for Metallurgical furnaces.
By R. Demorest. 4. pp.
- Heating furnaces and annealing furnaces.
By W. Trinks. 4. pp.
- Metal Industry: Vol. 15, No. 6.** (Aug. 8.)
The evolution of a modern foundry. 3. pp.
- Engineering: Vol. 107, No. 2791.** (Jun. 29.)
The Acid hearth and Slag.
By J. H. Whiteley, and A. F. Hallimond. 9. pp.
- Engineering: Vol. 108, No. 2792.** (Jul. 4.)
The heat treatment of grey cast iron at low temperature.
By J. E. Hurst. 3. pp.
- Some experiences with electric welding in warships.
By W. H. Gard. 5. pp.
- Engineering: Vol. 108, No. 2795.** (Jul. 25.)
Canada's National Steel Plant.
By W. F. Sutherland. 2. pp.
- The use of pulverised Coal. By L. C. Harvey. 3. pp.
- Engineering: Vol. 108, No. 2796.** (Aug. 1.)
The Use of pulverised coal.
By L. C. Harvey. 5. pp.
- Iron and Coal Trades Review: Vol. 98, No. 2678.**
(Jun. 27.)
The Ministry of Munitions and its influence on the

- Iron and Steel trade.—i. Introductory. 1. p.
By F. H. Hatch.
- Factors in the economical production of electric steel. 1. p.
By J. A. Holden.
- Live-Roller motors in steel works. 1. p.
By W. W. Wool.
- Iron and Coal Trades Review : Vol. 99, No. 2679.**
(Jul. 4.)
- The Thomas and Davies Tinning machine, Melingriffith Works, Cardiff. 2. pp.
- The Principal changes in Blast furnace lines. 3. pp.
- Iron and Coal Trades Review : Vol. 99, No. 2680.**
(Jul. 11.)
- Ministry of Munitions and its influence on the Iron and Steel Trade.—iii. 2. pp.
By F. H. Hatch.
- A. German Blast-furnace charger. 2. pp.
- Iron and Coal Trades Review : Vol. 99, No. 2682.**
(Jul. 25.)
- Ministry of Munitions and its influence on the Iron and Steel Trade.—v. 3. pp.
By F. H. Hatch.
- Fuel economy at the Apedale Works of the Midland Coal, Coke and Iron Company, Limited. 2. pp.
By W. Hill, and J. A. Cork.
- Iron and Steel Statistics for 1918. 2. pp.
- Iron and Coal Trades Review : Vol. 99, No. 2683.**
(Aug. 1.)
- Ministry of Munitions and its influence on the Iron and Steel Trade.—vi. 2. pp.
By F. H. Hatch.
- An electrically-driven Tube Mill. 1. p.
- Iron and Coal Trades Review : Vol. 99, No. 2684.**
(Aug. 8.)
- British Blast Furnaces for the quarter ended June 30, 1919. 1. p.
- Iron Age : Vol. 104, No. 2.** (Jul. 10.) 7. pp.
How the Inland Steel Co. met war demand.
- Desulphurizing in the Pig-iron mixer. 2. pp.
- Iron Age : Vol. 104, No. 3.** (Jul. 17.) 6. pp.
Evolution of the Laboratories.
- Rolling Equipment of the Inland Steel Co. 7. pp.
- Improved Case-hardening process. 2. pp.
- Graded Silica core sand. 1. p.
By G. L. Lacher.
- Relative size in Heat treatment. 2. pp.
By T. G. Swanb.
- Iron Age : Vol. 104, No. 4.** (Jul. 24.) 5. pp.
An example of Forge shop construction.
- Characteristics of Rifle-bassel Steel. 3. pp.
- New-continuous furnace. 2. pp.
- Gunestone in Acid Open-herath Practice. 1. p.

114 Light on the German Iron and Steel Industry. 2. pp.

By P. Krenzpointner. 3. pp.

Iron Age: Vol. 104, No. 5. (Jul. 31.)

Welding wrought iron and Steel.

Metallurgical coke from Illinois coal.

By H. L. Unland. 3. pp.

By R. S. M. Bride, and W. A. Selvig. 4. pp.

Iron Trade Review: Vol. 65, No. 2. (Jul. 10.)

Fusion welding applied to Drop forgings.

Doubles steelmaking capacity.

By S. W. Miller. 6. pp.

By G. H. Manlove. 9. pp.

Unusual effects from a new etching process.

Builds charcoal furnace in Mid-West. 4. pp.

Proper Rolling temperature.

Iron Trade Review: Vol. 65, No. 3. (Jul. 17.)

Labor rates and Steel prices for Twenty years. 1. p.

Making high-grade tool steel.

Production of Ingots and Rolled products. 3. pp.

by J. D. Knox. 5. pp.

Iron Age: Vol. 104, No. 7. (Aug. 14.)

Time is factor on tests on steel.

Silicon-manganese from Electric furnaces.

By G. A. Reinhardt, and H. L. Outler. 3. pp.

By B. G. Klugh. 2. pp.

Anneals tool steel by special packing.

Economical production of Electric Steel. 2. pp.

Iron Trade Review: Vol. 65, No. 4. (Jul. 24.)

Iron Age: Vol. 104, No. 8. (Aug. 21.)

Builds steel plant in Far East. 2. pp.

Method of Testing Cleanness of Producer Gas.

Welding tight joints electrically. 1. p.

By H. F. Smith. 2. pp.

Simplifies method for thermal analysis. 1. p.

Characteristics of Malleable Cast Iron. 6. pp.

Iron Trade Review: Vol. 65, No. 5. (Jul. 31.)

Composition of Electrodes. 2. pp.

Imperfect Steel, or Heat treating?

Investigation of Magnetic Steel Analysis.

By A. F. Mac Farland. 3. pp.

By N. J. Gebert. 3. pp.

Welds sternpast on transport. 2. pp.

Iron Age: Vol. 104, No. 6. (Aug. 7.)

Production of Steel and finished material in 1918

A Dayton foundry of progressive design. 2. pp.

Second in history. 2. pp.

Definitions for storeroom material.

By H. B. Twyford. 3. pp.

Limiting of transverse rail fissures.