

## 内外雜誌主要題目

Bottom Plates for Pouring Ingots.

By R. H. Irons. 1½ pp.

Steel Making in the Electric Furnace.

By J. H. Gray. 1½ pp.

**The Iron Age. Vol. 96, No. 23 (Dec. 2)**

Machining & Moulding Cast Tunnel Linings.

By L. J. Josten. 3½ pp.

Open Hearth Furnace Roof 2 pp.

Single Purpose Machines in Shell Making.

By C. A. Tupper. 4 pp.

The Initial Structure of Steel Castings.

By E. F. Cone. 4 pp.

An Investigation of Ladle Test Ingots. 2½ pp.

**The Iron Age. Vol. 96, No. 24 (Dec. 9)**

President's Proposed Tax on Iron & Steel. 1½ pp.

Manganese Steel Castings for Mining.

W. S. Makee. 3 ¾ pp.

**The Iron Age. Vol. 96, No. 25 (Dec. 16)**

Economy in Scrap Yard Arrangement 3 pp.

Electric Welding as Developed to Date.

By C. B. Anel. 2½ pp.

**Iron & Coal Trade Review Vol. 91, No. 2483 (Oct. 1)**

The Occurrence and Influence of Nitrogen on Iron

**工業雜誌 第五百六拾九號(十二月十日)**

鋼鐵製高堰板ヲ使用セル分水堰 笠置 正 (五頁)

**工業雜誌 第五百七拾號(十二月二十五日)**

歐米ノ鐵鑛價格及鐵生產費 齋藤大吉 (四頁半)

日本チエーン製造株式會社 (三頁)

**工業雜誌 第五百七拾壹號**

熔鑛爐作業ニ於ケル効率 田代茂樹譯 (六頁半)

**日本鑛業會誌 第參百七拾號**

世界ニ於ケル鐵鑛並ニ石炭ノ分布及其供給如何

井上禧之助 (十一頁半)

**The Iron Age. Vol. 96, No. 21 (Nov. 18)**

The Process of Case Hardening.

By R. A. Millholland. 1½ pp.

Evolution of the Malleable Process.

By J. P. Pero and J. C. Nulsen. 2½ pp.

Iron Carburization by Gas. 3 pp.

Electric Steel Direct from Ore Fines.

By A. C. Dalton. 1½ pp.

**The Iron Age. Vol. 96, No. 22 (Nov. 25)**

and Steel.

By N. Tschischewski. 1½ pp.

Notes on the Carburisation of Iron at Low Temperatures in Blast-Furnace Gases.

By T. H. Byrom. ¾ p.

Phosphorus in Iron and Steel.

By W. H. Hatfield. 1 p.

**Iron & Coal Trade Review Vol. 91, No. 2486**

(Oct. 22)

American Practice in the Manufacture of High Explosive Shells. 1½ pp.

**Iron & Coal Trade Review Vol. 91, No. 2487**

(Oct. 29)

Measurement of the Temperature Drop in Blast-Furnace Hot Blast Mains.

By R. J. Wyszor. ¾ p.

Ingot Moulds to Obviate Piping. ½ p.

**Iron & Coal Trade Review Vol. 91, No. 2489**

(Nov. 12)

The Choice of Nickel-Chrome Steel.

By J. H. S. Dickenson. 2¼ pp.

Test of Titanium Treated Steel Rails. ¾ p.

Classification and Composition of Manganese Ores. 1 p.

**Iron & Coal Trade Review Vol. 91, No. 2490**

(Nov. 19)

Pig-Iron Mixers and their most Suitable Dimensions 1 p.

**Engineering Vol. 100, No. 2604** (Nov. 26)

The Chemical and Mechanical Relations of Iron, Molybdenum, and Carbon.

By J. O. Arnold and A. A. Read. 3 pp.

**Engineering Vol. 100, No. 2605** (Dec. 3)

Iron and Steel in Germany. ½ p.

**Metallurgical & Chemical Engineering, Vol. 13, No. 12** (Oct. 15)

Thermal Principles of the Blast Furnace.

By J. E. Johnson. 3 pp.

Alloy Steels.

By G. L. Norris. 3¼ pp.

**Metallurgical & Chemical Engineering Vol. XIII No. 13** (Nov. 1)

Removing Iron Scale by Pickling, Theory vs. Practice.

By C. Hering. 1½ pp.

Thermal Principles of the Blast Furnace.

By J. E. Johnson. 5¼ pp.

**Metallurgical & Chemical Engineering, Vol. XIII**

**No. 14 (Nov. 15)**

Thermal Principles of the Blast Furnace.

By J. E. Johnson. 8 pp.

**The Iron Trade Review. Vol. 57, No. 15 (Oct 7)**

Progress in Machine Shop Methods.

By E. R. Norris 4 pp.

Uses of the Quick Forging Press.

By A. J. Capron. 3 pp.

**The Iron Trade Review. Vol. 57, No. 16 (Oct. 14).**

Mining Methods on Gogebic Range.

By O. E. Olson, O. M. Schans and Frank Blackwell. 2 pp.

How Sulphides may exist in Steel Ingots.

By J. O. Arnold & G. R. Bolsover. 1½ pp.

Furnace for making Steel form Ore. 1 p.

Design New 125-pound Rail Section. 3 pp.

**The Iron Trade Review. Vol. 57, No. 17 (Oct. 21).**

The Romantic Story of Vanadium.

By O. J. Stark. 4 pp.

Use of Cores in Modern Molding.

By R. A. Bull. 2 pp.

A Comparison Card for Cost Departments.

By H. A. Russell. 5 pp.

**The Iron Trade Review. Vol. 57, No. 18 (Oct 28).**

A modern Automobile Forge Shop.

By F. A. Churchill. 3 pp.

Heat-Treating Steel Automatically.

By Thaddens F. Baily 1 p.

Mechanical Progress of Linting.

By Bethune G. Klugh. 4 pp.

Alloy Steels in Modern Industries.

By Edgar, D. Rogers. 2 pp.

English Continuous Billet Furnace. 2 pp.

The Detection of Barring in Steel.

By J. E. Stead. 2 pp.

Mechanical Developments of Sintering.

By Hermann A. Brassert. 1 p.

Utilization of Blast Furnace Gas.

By A. N. Diehl. 3½ pp.

The Value of Electric Heat Treatment.

By J. W. Richards. ½ p.

**The Iron Trade Review. Vol. 57, No. 19 (Nov. 4).**

Automatic Machine Development.

By Ralph E. Flanders 9 pp.

Conclusions Unsupported by Facts.

By George F. Comstock. 1 p.

Evolution of the Electric Furnace.

By K. G. Frank 2 pp.

(Résumé)  
par B. Bogitch. 2. pp.

**The Iron Trade Review. Vol. 57, No. 20** (Nov. 11),

Wreck due to a Faulty Car Wheel. 4 pp.

**The Journal of the Iron and Steel Institute No. I. 1915** (Vol. XCI.)

Electrical Practice in Steel Mills.

By D. M. Petty. 1½ pp.

Note on the heating of an Open-hearth furnace by means of tar.

By A. Greiner. 3.5 pp.

Recovering Aluminum Chips by Melting.

By H. W. Gillett. 1½ pp.

Sound steel ingots and rails.

By R. A. Hadfield and George K. 23.5 pp.

Utilization of Blast Furnace Gas.

By A. N. Diehl. 3 pp.

Brinell hardness and Tenacity factors of a series of heat-treated special steels.

By A. McWilliam and E. J. Barnes. 10 pp.

Good Sense in the Steel Foundry.

By G. Muntz & E. Roubien, 4 pp.

**Review de Métallurgie** (No. 6 Juin 1915)

Recherches Sur les alliages de Fer, Silicium et Carbone.

par MM Georges Charpy et André Cornu-Thénard. 24 pp.

Iron, Carbon, and Phosphorus.

By J. E. Stead. 39 pp.

On the Nature of the A<sub>2</sub> Transformation in Iron.

By K. Honda. 43 pp.

La trempe à l'eau chaude, et les travaux du Lieutenant-Colonel H. Caron.

par M. Edmond Hitzel. 3 pp.

Researches on the iron, Silicon, and Carbon Alloys.

By G. Charpy and A. Cornu-Thénard. 27 pp.

The Relative Corrodibilities of Grey Cast Iron and Steel.

By J. N. Friend and C. W. Marshall. 11 pp.

**Revue de Métallurgie No. 7.** (Juillet 1915).

Sur l'hétérogénéité des aciers.

Par Henry le Chatelier et Jules Lemoine. 5.2 pp.

Recent Progress in the Design of large Blast-Furnace Gas-Engines by H. Hubert. 30. pp.

Sur la Solubilité réciproque du Cuivre et du Plomb.