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Engineering; Vol. 102, No. 2643. (Sep. 29.)

Notes on the Effect of Blast-Furnace Gases on Wrought Iron; By J. Stead. 1. p.

Influence of some Elements on the Mechanicol Properties of Steel; By J. E. Stead. 2. pp.

Some Properties of Ingots;

By A. W. & H. Brearly. 4. pp.

Mining & Engineering World; Vol. 45, No. 15. (Oct. 7.)

A Detector to locate Buried Iron Objects. ¾. p.

Engineering & Mining Journal; Vol. 102, No. 15. (Oct. 7.)

Ferromanganese Smelting in Electric Furnaces;

By H. O. Marcy. ½ p.

Stractural-Steel Estimations;

By E. R. Rankin. 1½. pp.

Engineering & Mining Journal; Vol. 102, No. 13. (Sep. 23.)

Manganese in Tennesse; By J. H. Watkins. 1¼. pp.

The Mining & Engineering Review; Vol. 8, No. 96. (Sep.)

Quarrying and Shipping Iron Ore.

The Saving of By-Products in Coke manufacture;

By J. C. H. Mingaye. 3⅓. pp.

Bulletin of the American Institute of Mining Engineers. No, 118. (Oct.)

The Manganese Ores of the Lafayette District, Minas Geraes, Brazil;

By J. T. Singewald and Others. 18. pp.

Recent Geologic Developments on the Mesabi Iron Range, Minnesota; By J. F. Wolff. 24½. pp.

Geology of the Iron-Ore Deposits of the Firmeza District, Orient Province, Cuba;

By Max Roesler. 51. pp.

The Effect of Sulphur on Low-Carbon Steel;

By C. R. Hayward. 10. pp.

Recrystallization after Plastic Deformation;

By H. M. Howe. 10. pp.

Calculations with Referencs to the Use of Carbon in Modern American Blast Furnaus. 2. pp.

Transaction of the Institution of Mining Engineers. Vol. 51, Part 4. (Aug.)

The Atmospheric Oxidation of Iron Pyrites;

By T. F. Winmill. 10. pp.

Iron & Coal Trades Review; Vol. 93, No. 2530. (Aug. 25.)

Boilers Heated by Coke-oven Gas;

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Iron & Steel Notes. ⅔. p.
Testing Fire-Bricks. ½. p.

Iron & Coal Trades Review; Vol. 93, No. 2531. (Sep. 1.)

Notes on By-Product Coking. ⅔. p.
The manufacture and Use of High Speed Steel;

Iron & Coal Trades Review; Vol. 93, No. 2532. (Sep. 8.)

The German Coal, Iron & Steel Industries. ½. p.
Boilers Heated by Coke-oven Gas;
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Iron & Coal Trades Review; Vol. 93, No. 2533. (Sep. 15.)

Fuel Economy. 5. pp.
The Working Efficiency of Rolling Steel;
By S. Cornell. 1⅓. pp
Gas Furnaces and their Utility;
By A. Hackett. 1¼. pp.
British Imports and Exports of Iron, Steel and Other Metals in 1916. 1. p.

Iron & Coal Trade Review; Vol. 93, No. 2535. (Sep. 22.)

The Use of Meteoric Iron by Primitive Man;
By G. F. Zimmer. 5¼. pp.
Manganese Ores of the Bukowina;
By H. K. Scott. 2½. pp.
Influence of Some Elements on the Mechanical Properties of Steel; By. J. E. Stead. 5. pp.

Some Properties of Ingots;
By A. W. and H. Brearly. 6. pp.
Steel Ingot Defects: Principles affecting acid & Basic Open Hearth Steel and Bessemer Steel;
By J. N. Kilbey. 1¼. pp.

The Foundry; Vol. 44, No. 290. (Oct.)

Foundry Exhibition a Big Business Success. 7⅔. pp.
How to Gate and Head Steel Castings Properly;
By R. D. West. 6. pp.
Foundrymen Discuss New Safety Code Features. 4. pp.
Operating a 25-Ton Air Furnace at Low Cost;
By F. C. Rutz. ½. p.
Electricity in the Foundry;
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How to reduce Your loss from Foundry Fires;
By F. H. Wentworth. 2½. pp.
Powdered Coal as a Fuel in Mallable Shops. II;
By J. Harrington. 1½. pp.

Metallurgical & Chemical Engineering; Vol. 15, No. 6. Sep. 15.)

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The Future of Steel Consumption. ½. p.
The Determination of Chromium in Ferrochromium;
By A. F. Mac Farland. ⅓. p.
Blast Furnace Products; By J. E. Johnson. 4¼. pp.
A New Thermo-Electric Method of Studying Allotropic

Changes in Iron or Other Metals;
By C. Benedicks. 3. pp.

Metallurgical & Chemical Engineering; Vol. 15, No. 7. (Oct. 1.)

An Industrial Potentiometer Temperature Indicator. 1. p.

The Joint Convention of the American Foundrymen's Association and the American Institute of Metals. 1½. pp.

The Iron and Steel Marked. 1. p.

The Iron Age; Vol. 98, No. 12. (Sep. 21.)

The Fundamentals in Purchasing;
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Quebec Brick Disaster Charged to Casting. 2. pp.

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Effect of Sulphur on Low-Carbon Steel.
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More Furnaces in Blast. 1½. pp.

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The Presence of Alumina in Steel;
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Pulverised Coal for Open Hearth Furnaces.

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