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石炭の購買法に就て

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クロミウム及タンングステン高速鋼の

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製鐵研究會記事 第三十號(一月一日)

鋼板の仕上げ温度に就て

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Metallurgical & Chemical Engineering, Vol. XIII,**No. 15** (Dec. 1).

Alumina in Steel. By G. F. Comstock. 44 pp.

Thermal Principles of the Blast Furnace II.

By J. E. Johnson. 6 pp.

Improved Apparatus for Photomicrography of
metals. 1½ pp.**Bulletin of the American Institute of Mining****Engineers, No. 108** (Dec.)The Effect of Carbon on the Physical Properties of
Heat-Treated Carbon Steel.

By J. H. Nead. 17 pp.

Magnetic Studies of Mechanical Deformation in Certain

Ferromagnetic Metals and Alloys.

By H. Hanemann and P. D. Merica. 15 pp.

Washed Metal. By H. D. Hibbard. 10½ pp.

Manganese-Steel Castings in the Mining Industry.

By W. S. Mekee. 13 pp.

Some Suggestion Regarding the Determination of the
Properties of Steel. 15 pp.**The Foundry, Vol. 43, No. 278** (Oct.)

Shrinkage Cracks in Steel Castings.

By William R. Bossinger. 1 p.

Standardizing Air Furnace Practice.

By A. L. Pollard. 1 p.

Checker Design for Open-Hearths.

By W. A. Janssen. 1½ pp.

Dynamic Qualities of Cast Steel.

By J. L. Uhler. 3 pp.

Making Car Wheels at Lenoir Car Works II.

By G. S. Evans. 4 pp.

The Foundry, Vol. 43, No. 279 (Nov.)

Making Car Wheels at Lenoir Car Works III.

By G. S. Evans. 5 pp.

How to Increase Safety of Cupola Operations.

1½ pp.

Phosphorus Limit in Malleable Castings.

By E. Touceda. 3 pp.

The Corrosion of Steel and Cast Iron Compared.

By R. C. Mewane & H. Y. Carson. 2 pp.

The Foundry, Vol. 43, No. 280 (Dec.)

Method for Controlling the chill in Cast Iron.

By G. M. Thrasher. 3 pp.

The Foundry, Vol. 44, No. 281 (Jan.)

Making Car Wheels at Lenoir Car Works.

By G. S. Evans. 4½ pp.

Engineering. Vol. 100, No. 2607 (Dec. 17.)

Hardened Steel Rolls.

$\frac{2}{3}$ p.

The Difficulties of the German Steel Union.

$\frac{1}{2}$ p.

Metallurgical & Chemical Engineering. Vol. 13, No.

15 (Dec. 1).

Alumina in Steel; By G. F. Comstock.

4 $\frac{1}{4}$ pp.

Thermal Principles of the Blast Furnace II.

By J. E. Johnson.

6 pp.

Improved Apparatus for Photomicrography

of Metals.

1 $\frac{3}{4}$ pp.

Metallurgical & Chemical Engineering. Vol. 13, No.

16 (Dec. 15).

Thermal Principles of the Blast Furnace.

By J. E. Johnson.

8 pp.

Metallurgical & Chemical Engineering Vol. 14, No. 1

(Jan. 1).

The Mechanical Principles of the Blast Furnace.

By J. E. Johnson.

7 $\frac{1}{2}$ pp.

Iron Age. Vol. 96, No. 26 (Dec. 23).

Lack of Uniformity in Steel Castings.

By J. H. D. Eagan.

1 $\frac{3}{4}$ pp.

Commercial Production of Sound Ingots.

By W. D. Bradford.

2 $\frac{1}{2}$ pp.

Utilization of Blast Furnace Slags.

1 $\frac{1}{2}$ pp.

Iron Age. Vol. 96, No. 27 (Dec. 30).

Minnesota Steel Company Completes Plant

14 pp.

The Effect of Sulphur in Cast Iron.

2 pp.

An Alloy Steel of Special Composition.

By J. B. Rhodes.

1 $\frac{1}{2}$ pp.

Iron & Coal Trade Review. Vol. 91, No. 2491 (Nov. 26).

"Ghost Lines" in Sarge Steel Forgings.

By J. O. Arnold.

1. p.

Effects of Molybdenum on Steel.

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Iron & Coal Trade Review. Vol. 91, No. 2492 (Dec. 3)

The Open Hearth *versus* the Electric Furnace in the

Manufacture of Commercial Steels.

By Sidney Cornell.

$\frac{1}{2}$ p.

Open Hearth Furnace Chequer Design.

By W. A. Janssen.

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Iron & Coal Trade Review. Vol. 91, No. 2493 (Dec. 10).

Corrosion of Metals.

1. p.

Iron & Coal Trade Review. Vol. 91, No. 2494 (Dec. 17).

Corrosion of Steel Alloys. By Sir R. Hadfield. 1. p.

The Influence of the War on German Steel Companies.

$\frac{2}{3}$ p.

The Iron Trade Review. Vol. 57, No. 21 (Nov. 18).

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Heat Treatment of Modern Steels.

By R. R. Abbott. 6 pp.

A. Discussion of Heat Treatment Results.

By H. V. Wille. 1 p.

How to Detect Phosphorus in Steel.

By W. T. Stead. 1½ pp.

Utilization of Blast Furnace Gas.

By A. N. Diehl. 4 pp.

The Iron Trade Review. Vol. 57, No. 22 (Nov. 25).**Coking Coal at Low Temperatures.**

By S. W. Parr and H. L. Olin. 8 pp.

Unsoundness in Ladle Test Ingots.

By R. W. Hunt. 3 pp.

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By A. N. Diehl. 3 pp.

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By W. S. McKee. 4½ pp.

Data on Costs of Electric Steel.

By F. T. Snyder. 2 pp.

The Iron Trade Review. Vol. 57, No. 24 (Dec. 9).**By-Product Coal Gas Producers.**

By A. H. Lynn. 8 pp.

The Iron Trade Review. Vol. 57, No. 25 (Dec. 16).**The Control of chill in Cast Iron.**

By G. M. Thrasher. 3 pp.

Rotary Roaster Kilns for Iron Ores.

By S. E. Doak. 2 pp.

The Iron Trade Review. Vol. 57, No. 26 (Dec. 23).**How to utilize Waste Heat Boilers.**

By C. J. Bacon. 6 pp.

Wire Rope: A Factor in Steel Making.

By J. F. Howe. 7 pp.

The Iron Trade Review. Vol. 57, No. 27 (Dec. 30).**The Pacific Coast Iron Situation.**

By Ch. C. Jones. 4 pp.

Mining Tungsten Ores in Colorado.

By R. C. McKenna. 2 pp.

The Iron Trade Review. Vol. 58, No. 1 (Jan. 6).**American Magnesite in California.**

By G. H. Manlove. 2 pp.

Development of Ferro Manufacture.

By C. J. Stark. 4½ pp.

Making Chain Under Steam Hammers.

By F. G. Coburn. 3½ pp.