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Engineering; Vol. 102, No. 2659. (Dec. 15.)

The Proposed Organisation of Workers in Iron and

Steel. 1. p.

Report of the Hardness Tests Research Committee. 2½. pp.

A Method of Determining the Density of Fine Gases. ¾. p.

by A. Smith.

Engineering; Vol. 102, No. 2661. (Dec. 29.)

Some Notes on Hardening Screw Ganges;

by J. H. Lavender. 1. p.

Carbon-Tube Furnace for Testing Refractories. 1½. pp.

Engineering; Vol. 103, No. 2663. (Jan. 12.)

Chromium and Chromiferous Iron Ores. 1. p.

Cast Iron; with special reference to Engine Cylinders.

by J. E. Hurst. 2. pp.

Engineering; Vol. 103, No. 2664. (Jan. 19.)

Cast Iron; with special reference to Engine Cylinders.

by J. E. Hurst. 3. pp.

Engineering; Vol. 103, No. 2665. (Jan. 26.)

Cast Iron; with special reference to Engine Cylinders.

by J. E. Hurst. 2. pp.

The Foundry Trade Journal; Vol. 19, No. 181. (Jan.)

Influence of Gases in Iron and Steel. 10. pp.

Some Copper-ALUMINIUM-Iron Alloys.

by W. M. Corre & G. F. Comstock. 1½. pp.

Testing Refractory Fireclays. 1. p.

Some Experiences in Steel-Foundry Practice.

by T. Brown. 5½. pp.

Gronwall-Dixon Electric Melting and Refining Furnace.

2. pp.

The Foundry Trade Journal; Vol. 18, No. 180.

(Dec.)

Electric Furnaces for Light Castings;

by V. C. Faulkner.

5. pp.

Influence of Some Elements on the Mechanical Properties of Steel. by J. E. Stead.

5½. pp.

After War Readjustments.

4. pp.

The Manufacture of Tungsten Powder in Great Britain.

1. p.

Problems Ahead.

4. pp.

Overcoming Difficulties due to Metal and Design;

by F. Andrew.

2¼. pp.

Electric V. Converter Steel.

1½. pp.

Grinding High-Speed Tool Steels.

1. p.

The Journal of the Chemical, Metallurgical and Mining Society of South Africa; Vol. 17, No.

6. (Dec.)

Removal of Rust from Iron Plates;

by F. W. Watson.

½. p.

The Journal of the Chemical, Metallurgical & Mining Society of South Africa; Vol. 17, No.

5. (Nov.)

The Hardening and Annealing of Metals;

by Th. Turner.

3. pp.

The Mining Magazine; Vol. 16, No. 1. (Jan.)

De-tinning Schemes:

1½. pp.

The Metal Industry; Vol. 10, No. 2. (Jan. 12.)

Hot Galvanising Bath: Action on Steel Sheets. ½. p.

Engineering & Mining Journal; Vol. 103, No. 4.

(Jan. 27.)

Potash from Blast Furnaces.

1. p.

Engineering & Mining Journal; Vol. 103, No. 6.

(Feb. 10.)

Operating a Steel-Sharpening Shop;

by J. E. O'Rourke.

2. pp.

Bulletin of the American Institute of Mining Engineers; No. 122. (Feb.)

Roll Scale as a Factor in the Bessemer Process;

by A. Patton and F. N. Speller.

10. pp.

The Magnetic Concentration of Low-grade Iron Ores;

by S. Norton and S. Le Fevre.

21. pp.

The Significance of Manganese in American Steel Metallurgy; by F. H. Wilcox.

9. pp.

Dry-Hot versus Cold-Wet Blast-Furnace Gas Cleaning;

by L. Bradley and W. W. Strong.

16. pp.

Some Suggestions regarding Construction of Hot-Blast Stove; by L. Bradley and W. W. Strong. 3½. pp.

The Seasoning of Castings;

by R. Moldenke.

4½. pp.

Effect of Time in Reheating Hardened Steel below

the Critical Range, by C. R. Hayward and S. S. Raymond. 9. pp.

Temperature Measurements in Bessemer and Open-Hearth Practice; by G. K. Burgess. 14. pp.

The Viscosity of Blast-Furnace Slag; by A. L. Feild. 26. pp.

The Foundry; Vol. 45, No. 294. (Feb.)

Designing a Modern Foundry of Moderate Size. 4½. pp.
Pattern Shop and Foundry Organization; by F. M. Perkins. 5. pp.

The Properties of Semi-Steel Castings; by D. Mc Lain. 5½. pp.

Safety in the Plating Room; by E. P. Later. 3. pp.

Casting Steel Wheels for Motor Trucks. 6½. pp.
Removing Traditional Evils of Malleable Practice. 6½. pp.

Metallurgical & Chemical Engineering; Vol. 16, No. 3. (Feb. 1.)

Determination of Phosphorus in High Speed Steels. ¼. p.

The Iron Trade Review; Vol. 60, No. 4. (Jan. 25.)

Grain Growth Phenomena in Metals; by Z. Jeffries. 4. pp.

Modern Hot-Blast Stove Design-III; by A. J. Boynton. 3. pp.

Progress in Hot-Blast Stove Design; by R. J. Wyson. 1½. pp.

Potash from the Blast Furnace—II; by R. J. Wysor. 5. pp.

Recovering Benzol from Coal Gas; by F. W. Sperr. 4. pp.

The Iron Trade Review; Vol. 60, No. 5. (Feb. 1.)

Problems of Electric Crane Design; by B. H. Reddy. 10. pp.

New Plant for Making Mill Accessories. 1½. pp.
Machine Builders Erect Modern Plant. 3. pp.

The Iron Trade Review; Vol. 60, No. 6. (Feb. 8.)

Heat Treating Shrapnel Forgings. 3½. pp.

The Function of Alumina in Slags; by C. Henrich. 2. pp.

The Phenomenon of Grain Growth; by H. M. Howe. 1½. pp.

Steel Foundry for Diversified Work. 2. pp.
Purchased Power for Steel Mills. 3. pp.

A Safe Substitute for the Third Rail. 1½. pp.
What's what and Why. 1. p.

The Iron & Coal Trades Review; Vol. 93, No. 2546. (Dec. 15.)

Refractory Materials for the Sheffield Trade. 1½. pp.
Oxy-Acetylene Welding; by W. L. Brown. ¾. p.

British Imports and Exports of Iron, Steel & other

Metals in 1916.

1. p.

The Iron & Coal Trades Review ; Vol. 94. No. 2550.

(Jan. 12.)

Use of Powdered Coal as a Fuel ;

J. Harrington.

 $\frac{2}{3}$. p.**The Iron & Coal Trades Review ; Vol. 94. No. 2551.**

The Development of the Manufacture of Steel Castings ; by E. F. Lange.

Use of Titanium in the Manufacture of Steel Castings.

 $\frac{1}{2}$. p.**The Iron Age. Vol. 99, No. 4. (Jan. 25.)**

Bituminous Gas Producer.

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

Progress in Hot-Blast Stove Design ;

by A. J. Boynton.

4 $\frac{1}{2}$. pp.

Recovery of Benzol from Coke-Oven Gas ;

by F. W. Sperr.

4 $\frac{1}{2}$. pp.**The Iron Age ; Vol. 99, No. 5. (Feb. 1.)**

Plant for Pressing and Welding Steel.

3 $\frac{1}{2}$. pp.

The Seasoning of Iron Castings.

by R. Moldenke.