

内外雜誌主要題目

工業雜誌 第五百八十二號(六月二十五日)

鑄物ト砂ノ溫度ニ關スル實驗 大河内正敏(八頁)
水素ノ工業的製造及其利用ニ就テ 加藤健兒(七頁半)
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臺灣鑛業會報 第三十號(六月二十日) 齋藤大吉(十七頁)
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Mining & Scientific Press: Vol. 112, No. 24 (June 10)

Tungsten. 3 p.

The Mining Magazine: Vol. 14, No. 5 (May)

The Manganese Position. 2. pp.

The Engineering & Mining Journal: Vol. 101, No.

24 (June 10)

Manganese in South Carolina: By R. W. Petre. 14 pp.

Tungsten and Tungsten Steel. 3 p.

The Foundry: Vol. 44, No. 286 (June.)

Casting Hubs onto Wheels in a Specialty Shop.

Planning a Foundry from its Future Operations:

By E. F. Lake. 3. pp.

Reclaiming Molding Sand in an Eastern Plant:

By W. M. Saunders & H. B. Hanley. 2. pp.

A Short Cut in Welding Rolling Mill Pimions. 1½ pp.

Malleable Iron Its Characteristics, Uses and Abuses:

By E. Tonedda. 5. pp.

Electric Furnace Construction & Operation I:

By J. H. Gray. 4½ pp.

How Producer Gas made Four-Inch Pipe Possible:

by H. C. Estep. 1½ pp.

Engineering: Vol. 101, No. 2628. (May 12)

The Corrosion of Iron & Steel:

By R. Hadfield & J. N. Friend. 2½ pp.

The Efficiencies of Tool Steels:

By J. O. Arnold. 1½ pp.

The Theory of the Corrosion of Steel:

By L. Aitchison. 2½ pp.

Engineering: Vol. 101, No. 2629 (May 19)

Surface Tension Effects in Metals:

By F. C. Thompson. 2½ pp

Engineering: Vol. 101, No. 2630 (May 26)

Surface Tension effects in Metals:

By F. C. Thompson. 1. p.

Metallurgical & Chemical Engineering: Vol. 14, No.

11 (Jun. 1)

The Distribution of the Charge Column & of the As-

sending Gas Column: By J. E. Johnson. 9. pp.

Recent Chemical & Metallurgical Patents

Nickel-Chromium Steel. 4 p.

Metallurgical Chemical Engineering: Vol. 14, No. 12

(Jun. 15.)

The Sherardizing Process: By O. W. Storey. 7½ pp.

- High Temperature Furnace Cement. $\frac{1}{2}$ p.
- The Iron Trade Review: Vol. 58, No. 20** (May 18)
- How Steel is made in Alabama: 8 $\frac{1}{2}$ pp.
- By H. C. Estep.
- Bethlehem adopts Electric Furnace: 3. pp.
- By C. J. Stark.
- Making Big Guns for Uncle Sam's Navy: $\frac{1}{2}$ p.
- By J. A. Randolph.
- The Iron Trade Review: Vol. 58, No. 21** (May 25)
- Small Open Hearth for Foundries: 4. pp.
- Sintering Plant Installed at Toledo: 6 $\frac{1}{2}$ pp.
- by H. V. Schiefer.
- The Iron Trade Review: Vol. 58, No. 22** (Jun. 1.)
- Handling the Blast Furnace Charge: 4. pp.
- By G. W. Vreeland.
- The By-Products of Coke Making—I: 3 $\frac{1}{2}$ pp.
- By W. H. Childs.
- The Iron Trade Review: Vol. 58, No. 23** (Jun. 8)
- Scrap cheaper than Ore. 1. p.
- Domestic Ferro is Lower. 1. p.
- The By-Products of Coke Making—II: 5. pp.
- By W. H. Childs.
- Electric Furnaces in Steel Making: 3. pp.
- By J. A. Mathews.
- Handling the Blast Furnace Charge: 4. pp.
- By G. W. Vreeland.
- Ore Output Heavy in 1915. $\frac{2}{3}$ p.
- The Great War & Steel Exports: 1. p.
- By E. T. Good.
- The Iron Trade Review: Vol. 58, No. 24** (Jun. 15)
- Difficulties of Rail Manufacture: 3 $\frac{1}{2}$ pp.
- By J. S. Unger.
- Determining Grain Size in Metals: By Zay Jeffries, A. H. Kline and E. B. Zimmer. 3 $\frac{1}{2}$ pp.
- The By-Products of Coke Making—III: 3 $\frac{1}{2}$ pp.
- By W. H. Childs.
- Handling the Blast Furnace Charge: 2 $\frac{1}{2}$ pp.
- By G. W. Vreeland.
- Quick Work in Building Blast Furnace. $\frac{2}{3}$ p.
- The Iron Age: Vol. 97, No. 21** (May 25)
- Planning Work Ahead in the Foundry. 3 $\frac{1}{2}$ pp.
- Application of Cranes in the Foundry: 3 $\frac{1}{2}$ pp.
- By T. E. Austin.
- An Improved Design in Coke Ovens. 2 $\frac{1}{2}$ pp.
- Effect of Carbon & Manganese on the Corrosion of Steel. $\frac{1}{2}$ p.
- Viscosity of Furnace Slags. 1 $\frac{1}{2}$ pp.
- The Sheel Industry of Belgium: 2 $\frac{1}{2}$ pp.
- By H. H. Campbell.
- The Iron Age: Vol. 97, No. 22** (Jun. 1.)
- Originality in a Hartford machine Works. 4. pp.
- Steel Castings & Physical Properties:

By E. F. Cone.	3½ pp.	Drop Forging Discussed at Philadelphia.	5½ pp.
Utilizing Powdered Coal at Sebanon, Pa.	2½ pp.	Status of Ferromanganese.	5¼ pp.
The Electric Furnace in Steel Manufacture:		A Comparison of Prices.	10 pp.
By J. A. Mathews.	4½ pp.	Iron & Coal Trades Review: Vol. 92, No. 2514 (May 5)	
Distribution of Raw Materials in the Blast Furnace:		The Influence of Carbon & Manganese upon the Corrosion of Iron & Steel:	
By G. W. Veeland.	6 pp.	By R. Hadfield & J. N. Friend	1 p.
Power in Rolling Steel: By Ch. M. Sarnes.	1 pp.	The Theory of the Corrosion of Steel:	
A Comparison of Prices.	12 pp.	By I. Aitchison.	¾ p.
By-Products Recovered in Coke Manufacture:		Note on the Relations between the Cutting Efficiencies of Tool Steels & their Brinell or Scleroscope Hardness: By J. O. Arnold.	1 ⅓ p.
By W. H. Childs.	3 pp.	Initial Temperature & Critical Cooling Velocities of a Chromium Steel. By C. A. Edwards.	1 p.
The Iron Age: Vol. 97, No. 23 (Jun. 8.)		Surface Tension Effects in the Intercrystalline Cement in Metals and the Elastic Limit:	
Manufacture of Motor Truck Worm Drives:		By F. O. Thompson.	1 p.
By F. L. Prentiss	2 pp.	Early Experiments on the Recalescence of Iron & Steel: By A. Mallock.	1 ⅓ p.
Vacuum-Melted Pure Iron.	1½ pp.	Experiments on the Hardness Testing of Mild Steel:	
The Economical Use of Blast Furnace Gas.	5 pp.	By W. N. Thomas.	1½ pp.
Sheet Annealing Furnaces.	2 pp.	New Thermo-Electric Method of Studying Allotropic Changes in Metals: By C. Benedicks.	1 ½ p.
New Pig Iron Record.	1½ pp.	Coking the Recovery & Working up of By-Products:	
The Iron Age: Vol. 97, No. 24 (Jun. 15)		By Ch. Barber.	3 pp.
Efficient Handling of Screw Parts:			
By H. C. Spillman.	2½ pp.		
Rail Road Scrap Pile System: By F. West.	1 pp.		
Determining the Capacity of Compressors:			
by P. Diserens.	3 pp.		
A Complete Blast Furnace in 85 Days.	3½ pp.		
Slag & the Corrosion of Wrought Iron.	1 pp.		
Air Supply for Cupolas.	1 p.		

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19.)

Faults of the Small Electric-Arc Furnace 3 p.

Armour Plate Production in the United States. 1. p.

Iron & Coal Trades Review : Vol. 92, No. 2517 (May

26)

New Coke Ovens at Port Clarence Works. 2. pp.

District Iron & Steel Trade Reports. 2. pp.

Iron & Coal Trades Review : Vol. 92, No. 2515 (May

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Note on the Relations between the Cutting Efficiencies

of Tool Steels & their Brinell or Scleroscope

Hardness: By J. O. Arnold. 1. p.

Initial Temperature & Critical Cooling Velocities of a

Chromium Steel: By C. A. Edwards. 2 p.