

内外雜誌主要題目

工業雜誌 第六百二十二號(二月二十日)

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船體使用鋼材の節約

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北海道石炭鑛業會々報 第四十二號(二月十五日)

大正六年本道炭業概觀

(六頁)

小規模の製鐵法

大井上義近 (二頁半)

筑豊石炭鑛業組合月報 第百六十四號(二月十五日)

鐵の自給を論じ石炭との關係に及ぶ

高 壯 吉 (六頁)

X光線に依る石炭の研究 (四)

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日本鑛業會誌 第三百九十六號(二月二十二日)

中國の砂鐵に就て

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朝鮮鑛業會誌 第壹卷 第參號(二月一日)

製鐵事業に就て

齋 藤 大 吉(二十一頁)

The Metal Industry: Vol. 11, No. 26. (Dec. 28.)

Production of High Temperature and Its Measurements:

by E. F. Northrup. 2. pp.

Engineering: Vol. 104, No. 2713. (Dec. 28.)

Iron Ore Loading Plant at Bilbao:

by G. F. Zimmer. 2. pp.

Engineering and Mining Journal: Vol. 105, No. 4.

(Jan. 26.)

Metallurgical Ferroalloys in 1917:

by R. J. Anderson.

2½. pp.

Producers and Consumers of Manganese and

Manganiferous Ores.

3. pp.

Brass World: Vol. 13, No. 12. (Dec.)

The Experiences of an Iron Atom.

4. pp.

Corrosion: by A. Schleimer.

1½. pp.

The Journal of the Chemical, Metallurgical and

Mining society of South Africa: Vol. 18, No. 5.

(Nov.)

Electric Furnace Manufacture of Shoes and Dies

on the Witwatersrand. by H. Stanley.

1. p.

Chemical Engineering and Mining Review: Vol. 10,

No. 112. (Jan.)

Eutectic Alloys.—I. by C. W. Nash.

5. pp.

Metallurgical and Chemical Engineering: Vol. 18,

No. 2. (Jan. 15.)

The Influence of Heat Treatment on the electrical and

thermal resistivity and thermo-electric-potential of

Some Steels. by E. D. Campbell

and W. C. Dowd.

4½. pp.

Mining and Scientific Press: Vol. 116, No. 6. (Feb.

2.)

Nickel-Copper Steel.

1. p.

The Foundry Trade Journal: Vol. 20, No. 193. (Jan.)

Determining the Temperature of Liquid Steel.

by C. Johns.

4. pp.

Relationship between Drawing-office, Pattern-shop

and Foundry. by J. Shaw.

4½. pp.

High-Capacity Hat Metal Saddles.

3. pp.

Electric Pig-Iron in War Time.

2. pp.

The Foundry: Vol. 46, No. 306. (Feb.)

Making Malleable Cast Iron Rifle Grenades.

10. pp.

Steel Castings Prices fixed by

the Government.

1. p.

Agreed Prices for Steel Castings.

4½. pp.

Iron and Steel Scrap Prices.

1. p.

British Foundries assign Heavy Tasks

to Women.

2. pp.

Electric Furnace and Steel Converter Compared.

by C. R. Messenger.

2. pp.

Casting Pipe Sections by Continuous Pouring.

6. pp.

Metal salvaged from the Scrap Pile in 1916.

2. pp.

High Sulphur is not so bad as it is Painted.

by T. Maund.

1. p.

The Iron Trade Review: Vol. 62, No. 4. (Jan. 24.)

British Iron and Steel Industry

is Transformed.

11. pp.

Fly Wheel Design for Rolling Mills:

by G. F. Stoltz.

3. pp.

Analysis of Electric Steel Making:

by J. A. Mathews.

1. p.

The Iron Trade Review: Vol. 62, No. 5. (Jan. 31.)

Foundry equipped in Record Time.

4. pp.

Shunt-Wound Reversing-Mill Motor.

2. pp.

Mechanical Tests on Copper Steels:

by C. B. Hayward

and A. B. Johnson.

2. pp.

Western Manganese Deposits Extensive.

1. p.

The Iron Trade Review: Vol. 62, No. 6. (Feb. 7.)

Modern Gun Manufacturing Plant.

4½. pp.

Conforming a Shop to Shell Making.

1. p.

How Erosion is caused in Big Guns.

by H. M. Howe.

3½. pp.

The Time Effect in Tempering Steel.

by A. E. Bells.

1. p.

The Iron Trade Review: Vol. 62, No. 3. (Jan. 17.)

More Women for Your Plant:

by M. C. Lynch.

8. pp.

Australian Steel Foundry Practice:

by A. M. Henderson.

2. pp.

Heat Treatment of Forgings:

by W. Beardmore.

2½. pp.

Home Mines yield Much Manganese Ore.

1½. pp.

For Increased Sintering Capacity.

1. p.

Iron and Coal Trade Review: Vol. 95, No. 2600.

(Dec. 28.)

Electric Carbon Tool Steel: by J. A. Holden. 1. p.
Recent Electric-Driving development in American Rolling Mills. 1. p.

Temperature Measurements in Bessemer and Open-Hearth Practice: by G. K. Burgess. 2. pp.

Silica Bricks. 1. p.
Electrically driven Reversing Blooming Mills. 1. p.

Iron and Coal Trade Review: Vol. 95, No. 2599.

(Dec. 21.)
Steel Turnings and the Electric Furnace: by J. A. Holden. 1. p.

Iron and Coal Trade Review: Vol. 96, No. 2601.

(Jan. 4.)
The Iron and Steel Trade in 1917. 6. pp.
German Iron Ore Supplies. 1. p.

New 12-in. Bar Mill of the Youngstown Sheet and Tube Company. U. S. A. 1. p.

Iron and Coal Trade Review: Vol. 96, No. 2602.

(Jan. 11.)
Dry Hot versus Cold-Wet Blast-Furnace Gas Cleaning: by L. Bradley, H. D. Egbert, and W. W. Strong. 1 1/2. pp.

The Iron Age: Vol. 101, No. 1. (Jan. 3.)

The Manufacture of Tin Plate: by C. F. Popleton. 6. pp.
The Manufacture of Pattern Castings: 6. pp.

by H. M. Lane. 3. pp.

The By-Product Coke Industry in 1917: by C. J. Ransburg. 1. p.

Spiegelsen in Place of Ferromanganese: by E. F. Cone. 2. pp.

New Steel and Wire Plant. 3. pp.

The Booth. Hall Electric Steel Furnace. 3. pp.

New Iron and Steel Works at Sagunto, Spain. 2. pp.

Relabilitating the interned German Ships. 5. pp.

First of Government Regulation in Steel. 4. pp.

The Sheet and Tin Plate Trades in 1917. 3. pp.

by B. E. V. Dnty. 9. pp.

Iron and Steel Prices for 20 years. 2. pp.

Metal, Tin Plate and Sheet Prices for 20. years. 6. pp.

Phases of Iron and Steel Metallurgy in 1917: by J. E. Johnson. 1. p.

Great By-Product Coke Plant at Clairton. 2. pp.

The Status of the Electric Steel Industry. 12. pp.

New Iron and Steel Works Construction. 2. pp.

The Iron Age: Vol. 101, No. 2. (Jan. 10.)

Government will not buy for Railroads. 2. pp.
Appeal to Iron and Steel Industry. 2. pp.
British Iron and Steel Trades in 1917: by L. H. Quinn. 2. pp.

The Iron Age: Vol. 101, No. 3. (Jan. 17.)

Woman's Labor in British War Industries.

by L. H. Quin.

3. pp.

The Iron Age: Vol. 101, No. 5. (Jan. 31.)

The Old-Time Iron Treasure Chest.

by A. E. Outerbridge.

5. pp.

The Grinding Wheel in the Foundry:

by W. T. Montagne.

4. pp.

Fly Wheel Design for Rolling Mills:

by G. E. Stoltz.

3. pp.

Transactions of the American Institute of Mining Engineers: Vol. 56.

The Manganese Ores of the Lafayette District, Minas

Geraes, Brazil. T. Singewald and B. L. Miller.

(with discussion)

24. pp.

Manganese Ores of Russia, India, Brazil and Chile.

E. C. Harder. (with discussion)

46. pp.

Geology of the Iron-Ore Deposits of the Firmeza

District, Oriente Province, Cuba. M. Roesler.

(with disc'n)

65. pp.

Recent Geologic Developments on the Mesabi Iron

Range, Minnesota. J. F. Wolff.

(with disc'n)

29. pp.

Potash as a By-Product from the Blast Furnace.

by R. J. Wyssow. (with discussion)

47. pp.

Dry Hot versus Cold Wet Blast Furnace Gas Channing:

by L. Bradly, H. D. Egbert

and W. W. Strong.

17. pp.

Some Suggestions regarding Construction of Hot Blast

Stoves: by L. Bradley, H. D. Egbert

and W. W. Strong.

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Discussion on Blast Furnace Gas.

2. pp.

Calculations with reference to the Use of Carbon in

Modern American Blast Furnaces:

by H. P. Howland.

57. pp.

Roll Scale as a Factor in the Bessemer Process.

by A. Patton and F. N. Speller.

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Significance of Manganese in American Steel Metallurgy.

by F. H. Wilcox.

20. pp.

Temperature Measurements in Bessemer and Open Hearth

Practice: by G. K. Burgess.

16. pp.

The Manufacture of Weldless Steel Tyres for Locomotive

and Car Wheels: by G. Aertren.

7. pp.

The Seasoning of Castings:

by R. Moldenke.

13. pp.

Treatment of Gums—The Hardening of the Surface:

by H. Frag.

28. pp.

Notes on the Heat-Treatment of High Speed Steel

Tools: by A. E. Bellis

19. pp.

and T. W. Hardy.

Effect of Time in Reheating Hardened Steel below the

Critical Range: by C. R. Hayward

18. pp.

and S. S. Raymond.

The Effect of Sulphur on Low Carbon Steel :

by C. R. Hayward.

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Rustproofing Iron and Steel.

3. pp.

A Method for distinguishing Sulphides from Oxides in the Metallography of Steel :

by G. F. Constock.

8. pp.

Discussion of the Paper of W. Mc A. Johnson, A Chemical Explanation of the Effect of Oxygen in Strengthening Cast Iron :

by H. M. Howe.

1. p.

The Function of Alumina in Slags.

by C. Henrich.

12. pp.

The Viscosity of Blast Furnace Slag :

by A. L. Feld.

38. pp.

Magnetic Concentration of Low Grade Iron Ores :

by S. Norton and S. Le Fèvre.

25. pp.

Mechanical World : Vol. 63, No. 1619. (January, 11.)

Engineers' New Ferrous Alloys.

13. pp.

Preventing Cracks in Hardening.

3. p.

Moulding Fly-Wheels.

3. p.

The Engineer : Vol. 125, No. 3237. (January, 11.)

A New Electric Steel Furnace.

4. p.

The Boiler Maker : Vol. 18, No. 1. (January.)

Revision of A. S. M. E. Boiler Code.

84. pp.

Welding Jube Sheets in Locomotive Boilers.

23. pp.

Machinery : Vol. 24, No. 4. (December, 1917.)

Electric Arc Welding.

184. pp.