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Iron and Coal Trade Review; Vol. 96, No. 2624.
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Iron and Coal Trades Review; Vol. 96, No. 2625.
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Iron and Coal Trades Review; Vol. 96, No. 2626.
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The Analyst; Vol. 43, No. 508. (Jul.)
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Monthly Bulletin of the Canadian Mining Institute;
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Substitutes for Steel for high explosive Shells.

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Bulletin of the American Institute of Mining Engineers; No. 140. (Aug.)

The Manufacture of Ferro-Alloys in the Electric Furnace. by R. M. Keeney. 51. pp.

The Fouudry; Vol. 46, No. 312. (Aug.)

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Specifications for Semisteel Projectiles. 1½. pp.

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Advantages offered by the Oil-Fired Cupola, by W. S. Dickson. 1½. pp.

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Chemical and Metallurgical Engineering; Vol. 19, No. 2. (Jul. 15.)

Development of an Electric Furnace for Annealing Treatment and Forging of Steel; by W. S. Scott. 4. pp.

Manufacture of Wrought Iron; by J. Aston. 1. p.

Chemical and Metallurgical Engineering; Vol. 19, No. 3. (Aug. 1.)

The Metallography and Heat Treatment of Metals used in Aëroplane Construction; by F. Grotts. 8. pp.

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Metal Industry; Vol. 13, No. 2. (Jul. 12.)

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The Importance of Iron in Brass and Bronzes. by J. Scott. 2. pp.

Metal Industry; Vol. 13, No. 4. (Jul. 26.)

Electro-Plating Engineering; operations and equipment employed in electro-plating; by Ch. B. Willmore. 2½. pp.

Mechanical Tinning of Metals.
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Mining and scientific Press; Vol. 117, No. 5. (Aug. 3.)

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Engineering; Vol. 106, No. 2741. (Jul. 12.)

Defects in Steel Ingots;
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Engineering; Vol. 106. No. 2743. (Jul. 26.)

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The Effects of Cold Working on the Elastic Properties of Steel.
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Iron and Coal Trades Review; Vol. 79, No. 2628. (Jul. 12.)

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Bridging the Gap to bring Chilean Hills of Iron to Northern Furnaces. 2. pp.

Give the Night Shift Ample Light.
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The Iron Trade Review; Vol. 63, No. 6. (Aug. 8.)

Birdsboro Steel Foundry fitted to the Needs of the War. 8½. pp.

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Mechanical condition of Blast Furnace Coke;
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Foundry Trade Journal; Vol. 20, No. 200. (Aug.)

Deformation of Castings ;
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Chemical Engineering and Mining Review ; Vol. 10, No. 119. (Aug.)

Broken Hill Proprietary Company's Iron and Steel Works, Newcastle. 10. pp.

Engineering and Mining Journal ; Vol. 106, No. 7. (Aug. 17.)

The Use of Pulverized Coal.
by H. R. Collins. 3. pp.

Engineering and Mining Journal ; Vol. 106, No. 9. (Aug. 31.)

Development of the Coke Industry in Colorade, Utah, and New Mexico. 1. p.
The Manufacture of Ferro-alloys in Colorado ;
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Engineering and Mining Journal ; Vol. 106, No. 8. (Aug. 24.)

Analysis of Ferrozirconium and Zirconium in Steel.
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Chemical and Metallurgical Engineering ; Vol. 19, No. 4. (Aug. 15.)

The Manufacture of Carbon Electrodes for Electro-Metallurgical Purposes. 6. pp.
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The Foundry ; Vol. 46, No. 313. (Sep.)

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Tests uncover domestic French Sand substitute.
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Making Basic Electric Furnace Bottoms.
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by M. Riddell. 4. pp.
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Standard for Protective finishes for Iron.
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Bulletin of the American Institute of Mining Engineers; No. 141. (Sep.)

Method of fixing Prices of Bituminous Coal adopted by the United States Fuel Administration.
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The Manufacture of Silica Brick;
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Notes on Certain Iron-Ore Resources of the World.
by E. C. Harder, W. Lindgren, C. M. Weld, A. C. Spencer, H. F. Bain, Sidney Paige. 26. pp.
Recent Geologic Development on the Mesabi Iron Range. Minnesota. 2½. pp.

Engineering; Vol. 106, No. 2744. (Aug. 2.)

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Engineering; Vol. 106, No. 2745. (Aug. 9.)

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Electric Cast-Steel Anchor-chain..
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Engineering; Vol. 106, No. 2747. (Aug. 23.)

By-Product Recovery in Iron and Steel Works. 1. p.

Engineering; Vol. 106. No. 2748. (Aug. 30.)

The Formation of Graphite in the Iron-Carbon Series of Alloys. by J. E. Hurst. 2. pp.
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New Electric Limit Recorder;
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Modern Practice in Galvanizing Sheets;
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Bethlehem Ore Bridge built in 65 days. 1½. pp.
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