

外國最近刊行誌參考記事目次

Blast Furnace and Steel Plant February, 1953.
No. 2. Vol. 41.

Reserve Mining Company Building Large Plant to Process Taconite. Charles Longenecker. pp. 189~191.

Electrical Equipment in Steel Plants. A. F. Kenyon. pp. 192~197.

Quality Control Aids in Steel Processing Control. Wade R. Weaver. pp. 198~202.

Inland Steel Increases Annual Open Hearth Capacity 750,000 Tons. pp. 203~208.

Water Failures on Blast Furnaces. Harold Goldfein. pp. 209~215.

March, 1953. No. 3, Vol. 41.

A Simple Formula for Evaluating Iron Ores. Francis H. Crockard. pp. 295~301.

Regulation Systems-The Key to Higher Production. W. R. Harris. pp. 302~306.

Quality Control Aids in Steel Processing Control. Wade R. Weaver. pp. 307~310.

Induction Stirrer for Arc Furnace. Eric G. Malmlov & Oventia Graham. pp. 311~313.

Heat Hardening of Pellets Made From Taconite Concentrates. G. V. Woody. pp. 314~317.

The Manufacture and Properties of Clad Steel Plates. T. T. Watson. pp. 318.

April, 1953, No. 4, Vol. 41.

The All-Basic Open Hearth Furnace in Britain. David D Howat, pp. 391~396.

Rolls and Rolling-Rails. E. E. Brayshaw. pp. 397~398.

The Coke Evaluation Program in Operation. B. P. Muleahy, pp. 408~412.

Temperature Distribution in Carbon Hearths. I. R. Westbrook. pp. 413~417.

Youngstown Sheet and Tube dights No. 3 Furnace at Indiana Harbor. pp. 418~419.

Journal of Metals. April, 1953 Vol. 5, No. 4.

Kaiser Steel Production Record Set by Coke & Blast Furnace Practice. W. C. Rueckel. PP. 509~514.

Beneficiation of East Texas Iron Ores Basis of Lone Star Steel Operations. W. R. Bond pp. 515~519.

Manganese from Open Hearth Slag could Supply Half of U. S. Needs. R. C. Buehl, M. B. Royer, J. P. Riott. pp. 520~521.

Physically Hot Iron Preferred for Open Hearths. D. M. Morrison pp. 522~524.

Effect of Various Elements on Hot-Working Characteristics and Physical Properties of Fe-C Alloys. C. T. Anderson, R. W. Kimball, F.

R. Cattoir. pp. 525~529.

Stabilization of the Austenite-Martensite Reaction in a High Chromium Steel. S. C. Das Gupta, B. S. Lement, pp. 530~536.

Effects of Macrostructure on the Performance of Alnico Permanent Magnets. D. G. Ebeling, A. A. Burr. pp. 537~544.

May, 1953 Vol. 5, No. 5. Section one.

Air Force Heavy Program Moves from Planning Board into Fabrication.

Atlantic Steel Using Cold Metal Charge Finds Costs in Favour of Electric Furnace.

Sinter Sampling Technique Developed by U. S. Steel Corp.

Deep Drawing Steel Sheet Surface Quality.

Metallic Oxidation in Chromium in Steel Melting.

Section two

Rate of Formation of Isothermal Martensite in Fe-Ni-Mn Alloy.

Identification of the Precipitate Accompanying 885°F Embrittlement in Cr Steels.

Deformation of Ferrite Single Crystals.

Metallurgia, Feb. 1953, Vol. 47, No. 280.

Maintenance in Iron and Steelworks. Conference on Important Aspect of Productivity. pp. 55~58.

Electrical Equipment for the Metal Industries. Progress in 1952 Reported. pp. 59~62.

Mechanized Shell Moulding. New Machine Aids Consistency and Improves Output. pp. 91~92.

March, 1953.

Open-Hearth Steel Furnace Maintenance. Proceedings of Conference Reported. pp. 113~118.

Arc Melting for the Foundry. New Birlec Installation at Hadfields. pp. 126~128.

Some Practical Notes on Casting of Ingots for Seamless Tube-making. By G. Bowman pp. 129~136.

New Spanish Steelworks at Aviles. Plant to be supplied by British Films. pp. 138~141.

Electrical Plant for the Metal Industries. pp. 141~144.

Stahl und Eisen, 1953 Heft 1. 1. Januar 73. Jahrg.

Die metallurgische Forschung, ein Anliegen der Hüttenleute. Willy Oelsen: s. 1

Über das Frischen von Thomasroheisen mit reinem Sauerstoff. Springorum, Friedrich Alfred, Karl Georg Speith und Willy Oelsen: s. 6

Beziehungen Zwischen Umwandlungskinetik, Gefügeausbildung und Festigkeitseigenschaften von Chrom-Vanadin Stählen. Max Kroneis, Reinhold Gattringer und Helmut Krainer: s. 22

Schnellprüfverfahren zur Erkennung von Stahlverwechslungen. Ewald Baerlecken: s. 30

- Rationalisierungsbeiträge durch Betriebs-Verbesserungsvorschläge der Belegschaft. Klans Theis: s. 35
- 備考 1953, Heft 2. 及び 3, Januar は 4 月號に掲載
- 1953, Heft 4, 12. Februar, 73. Jahrg.
- Neuere Erkenntnisse über die Grundlagen des Lebens. Siegfried Strugger: s. 197
- Ursachen feiner Oberflächenfehler bei der Wärmeverarbeitung von unlegiertem Stahl. Herbert Buchholz und Richard Pusch: s. 204
- Voraussetzungen für die Herstellung von Gusseisen mit Kugelgraphit, sein Eigenschaften und Verwendung. Karl Löhberg: s. 212
- Anwendbarkeit von schwefelgetränktem Sinterisen als Gleitwerkstoff. Gerd. Maassen: s. 219
- Eine neuartige Hochofenblasform. Willi Dähne: s. 222
- Herstellung, Eigenschaften und Verwendung des Dämmstoffes Vermiculit. Hans Krämer: s. 224
- Westeuropas Eisen- und Stahlindustrie in räumlicher Sicht. Fritz Scheunemann: s. 227
- 1953, Heft 5, 26. Februar, 73. Jahrg.
- Aus dem Niederschachtofen-Betrieb. Heinz Schumacher: s. 257
- Zur Frage der Mischerhaltbarkeit. Alfred Latour und Josef Schoop: s. 266
- Die wirtschaftliche Bedeutung einer vollkontinuierlichen Halbzeugstrasse. Helmut Weiss: s. 272
- Erfahrungen bei der Überschallprüfung von Schweissnähten. Hans Krächter: s. 279
- Die Entwicklung der Hochofengas-Reinigung in den letzten zehn Jahren. Kurt Guthmann: s. 283
- 1953, Heft 6, 12 März, 73. Jahrgang.
- Die Abstammungsgeschichte des Menschen auf Grund neuester Forschung. Gerhard Heberer: s. 325
- Die Roheisengranulation der Hütte Watenstedt. Fritz Albrecht: s. 335
- Das Verhalten des Stickstoffs in Thomasschmelzen vor dem Übergang bei verschiedener Kühlung. Willy Oelsen und Hans Jürgen Därmann: s. 338
- Untersuchungen über zweckmässige Stähle für die Zwischenstufen vergütung. Erich Theis: s. 347
- Ein neues Verfahren zur Reduktion von Eisenpulvern. Heinrich Siepmann: s. 360
- J. Iron and Steel Inst. (1953) Vol. 173, Part 2, Feb.
- (I) Iron & Steel Inst. Papers.
- Developments in the Rolling of Broad Flange Beams at the Cargo Fleet Iron Co. Ltd., G. Barry Thomas pp. 113~118.
- Oil Injection Shrink Fitting. J. A. Abrahams. p. 118
- The Effect of Hydrogen on the Tensile Properties of Steels. J. D. Hobson & J. Hewitt pp. 131~140.
- Transgranular Stress Corrosion in Chromium-Nickel Stainless Steels. C. Edeleanu pp. 140~146.
- The King's Ironworks in the Forest of Dean, 1612~1674. H. R. Schubert pp. 153~162.
- (II) Letters to the Editor.
- Intercrystalline Cracking of Metals. J. Neill Greenwood p. 152.
- (III) Discussion on Papers.
- Discussion on the Corrosion of Steel under Phosphate Coatings and Protective Finishes. pp. 177~183.
- (IV) British Iron & Steel Research Association.
- Ingot Heat Conservation: Cooling of 8-ton Ingots between Teeming and Stripping. L. H. W. Savage & R. T. Fowler pp. 119~128.
- Line-Broadening of Martensite in Nickel Steels. R. A. Smith pp. 147~152.
- (V) Iron & Steel Engineers group.
- Electric Distribution in Iron & Steel Works: Planning & Operating the Installations at Margam & Abbey Works. T. B. Rolls & E. C. Slater pp. 163~176.
- Vol. 173, Part. 3, Mar.
- (I) Discussion on Papers.
- Discussion at the Autumn General Meeting, 1952:—
- Cooling of Rimming Steel Ingots. pp. 259~264.
- Thermodynamics of Steelmaking. pp. 264~275.
- Addition of B to Steel. pp. 275~279.
- Rapid Softening of Austenitic Steels. pp. 279~280.
- Mechanical Properties of a Mild-Steel plate. pp. 280~284.
- (II) Brit. Iron & Steel Research Assoc.
- Activities of Constituents of Iron & Steelmaking Slags. Part 1—Iron oxide. E. T. Turkdogan & J. Pearson pp. 217~223.
- Effects of High-Temperature Heating on the Isothermal Formation of Bainite. S. A. Cottrell & T. Ko, pp. 224~228.
- Temper-Brittleness: A Critical Review of the Literature. B. C. Woodfine, pp. 229~240.
- Some Aspects of Temper Brittleness. B. C. Woodfine, pp. 240~255.
- (III) Iron & Steel Eng. Group.
- Industrial Electric Furnaces. C. Howard, pp. 285~291.