

外國最近刊行誌參考記事目次

J. Iron & Steel Inst. vol. 175. (1953), part 2 Oct.,

(I) Iron & Steel Inst. Papers

Factors Controlling the Rate of Sinter Production *E.W. Voice, S.H. Brooks, W. Davies & B.L. Robertson*...pp. 97~152

Sintering practice at Domnarfvet, Sweden. *C. Danielsson*...pp. 152~155

Towards Faster Sintering of Ironstone. *M.A. K. Grice & W. Davies*...pp. 155~160

The Fluidity of Molten Steel. *B.G. Rightmird & H.F. Taylor*...pp. 167~176

(II) Discuss on Papers

Correspondence on Temper-Brittleness p. 176

Correspondence on Electric Distribution in Iron & Steel Works. ...p. 182

(III) Brit. Iron & Steel Research Assoc.

Radiographic Studies of the Process of Sintering Iron Ores. *E. Cohen*...pp. 160~167

Experiments on Flame Radiation in an Empty Open-Hearth Furnace. *W.P. Cashmore & M.W. Thring*...pp. 177~182

(IV) Iron & Steel Engineers Group

Roll-Design Research as Applied to Rolling-Mill Development. *B. Robinson & W.A. Lugar*...pp. 183~198

Manipulating Equipment, Guides, Guards, & Strippers for Rolling Mills. *W. Bailey*...pp.198~213

Steel Processing, 39 (1953) Nov.

German Research in Drop Forging. *Otto Kinzle*...pp. 563~568

Chemical Laboratory Speeds Plant Operations. *B. Floersch*...pp. 569~572

The Welding of Nickel Alloy Steels-Part I...pp. 573~580

Steam-Hydraulic vs Hydraulic Forging Press. *V. Tatarinov*...p. 581

Machine Tools and Can Making. p. 582

The Engineer and His Customer. *C.A. Maynard*...pp. 583~584

Pickling of Special Steels. *G. Batta, L. Scheepers, L. Winandy and G. Dallemagne*...pp. 585

~590

Instrumentation for Surface Finishing of Jet Engine Parts. *R.J. Thomas*...pp. 591~593

Forging Capacity of Hammers. *K. Lange*...pp. 594~596

Welding Rods, A Production Control Problem. ...pp. 597~599

From Wood to Metal via Arc Welding. p. 600

High Alloy Castings in Heat Treating Equipment...pp. 601~603

Iron and Steel Engineer, 30 (1953) Nov.

Patent Review...23~24

Symposium on Open Hearth Availability—Fuel and Its Usage. *E.E. Callinan*...pp. 55~61

Furnace Rebuilding. *W.H. Shure*...pp. 61~66

Furnace Design and Brick Work. *H.C. Paxson*...pp. 66~70

Air Filters in Rotating Electrical Equipment Cooling Systems. *F.C. Reutenauer*...pp. 71~79

Flying Shears for Billet, Bar and Rod Mills.

J. H. Hitchcock & E.S. Murrah...pp. 80~90

Pollution Control can be Realistic. *J.E. Kinney*...pp. 91~97

Flexible Connection Reduces Crane Runway Maintenance. *J.A. Evans*...pp. 98~100

Expansion at the Steel Co of Wales. *T.J. Ess*...pp. 105~120

Large Electric Furnace of the Future May be Six-Electrodes Unit. *Frank W. Brooke*...pp. 123~129

Low Frequency Induction Coils Shorten Billet Heating Time. pp. 130~132

Economical Refractory Bottom Developed For Reheating Furnaces. p. 135

30 (1953) December

Patent Reviews. *M.N. Nord*...pp. 21~22

Pass Design and Rolling of Automotive Rim Sections. *H.H. Morgan*...pp. 55~61

The place of Gas Turbine in Industry. *T.J. Puty*...pp. 62~68

A Modern Automatic Fuel Shut-off System for Soaking Pits. *A.L. Lancaster*...pp. 69~76

Coke and By-Products in 1952...pp. 77~83

Speed Regulation for Tandem Tube Mill Drives.

F. H. Wickline...pp. 84~86

Allegheny Ludlum. *T. J. Ess*...pp. 87~102

Design and Application of Bronze Slippers in Universal Couplings. *J. R. Lottes*...pp. 123~128

The Story of Wire. *R. R. Tutnall*...pp. 129~134

French Steel Co. Installs Reversing Cold Strip Mill. pp. 137~139

Fairless Works Ore and Coal Unloaders. *L. Naruns*...pp. 140~146

A Multi-Purpose Rolling Compound. *M. L. Bible*...p. 149

Metallurgia, No. 288 Oct. (1953) Vol. 48

Steel Making Capacity. p. 157

Latin American Steel. Present Position and Future Possibilities. pp. 159~164

Metal Casting Methods. VII—Moulding Sands and Pattern Production. *J. B. McIntyre*...pp. 165~168

Carbon in the Engineering and Metallurgical Industries. III—Industrial Graphites, Diamonds and Special Mixtures. *V. S. Kingswood*...169~174

Co-operative Research Activities.

The British Cast Iron Research Association. *Dr. J. G. Pearce*...pp. 175~177

The British Iron and Steel Research Association ...pp. 178~180

The British Ceramic Research Association. *A. E. Dodd*...180~182

The British Non-Ferrous Metals Research Association. *E. C. Mantle*...pp. 183~186

The British Welding Research Association. *K. Winterton*...pp. 187~191

Production Engineering Research Association. *Dr. D. F. Galloway*...pp. 192~196

Mains Frequency Billet Heater. p. 198

American Arc Furnace Practice.

Recent Developments in the U.S. Steel Industries...pp. 199~203

Stainless Steel Forgings for Royal Yacht. p. 203

Metal Progress: No. 6, Dec. (1953) Vol. 64

Super Refractories for Use in Jet Engines. *Walther L. Havokotte*...pp. 67~70

Production of Oriented Single-Crystal Silicon-Iron Sheet. *C. G. Dunn & G. C. Nonken*...pp. 71~75

Electroplating Prior to Hot Galvanizing for Improved Results. *Allen T. Baldwin*...pp. 76~81

A Method of Metallurgical Microspectroscopy. *Ford R. Bryan & Cleo H. Neveu*...pp. 82~85

Measurement of Case Depth. *Dale J. Wright*...pp. 86~88

Current Russian Metallurgical Test-3. *Carl Andrew Zapffe*...pp. 88~90

Some Applications of Statistical Analysis in the Steel Industry. *John W. W. Sullivan*...pp. 91~98

Controlled Atmospheres—Their Generation and Utilization. *O. E. Cullen*...pp. 101~106

Some Practical Pointers on Silver Alloy Brazing. *Sam McCaulley*...pp. 161~164

Journal of Metals, No. 12, December (1953) Vol. 5

Can the Electric Furnace Compete With the Open Hearth? *C. F. Ramséyer*...p. 1617

McQuaid-Ehn Grain Size Determined by Spectrochemical Analysis. *G. E. Ressler*...p. 1622

Reconstruction of CF & I Mill Increases Capacity and Flexibility. *W. Brill, R. H. Wright*...p. 1623

Electric Steel Foundries Control Dust Emissions in Los Angeles Area. *O. E. Erickson*...p. 1625

Review of Russian Practice Reveals Rail Steel Production Methods. *C. A. Zapffe*...p. 1627

Some Observations of Slag-Metal Relations in the Acid Open Hearth Steels Furnace. *G. R. Fitterer*...p. 1634

Solid Phase Identification in Partially Reduced Iron Ore. *G. Bitsianes, T. L. Joseph*...p. 1641

Exchange of Iron Between Liquid Metal and Iron Silicate Slag. *G. Derge, C. E. Birchenall*...p. 1648