

Melting of Stainless Steel With Oxygen
Lancing [in Electric Arc Furnace], by
N. I. Shutkin.

RUSSIAN, no par, Metallurg, Vol I, No 1,
1956, pp 10, 11.

Henry Bratcher Tr No 3759
\$2.90

47,839

Sci - Min/Metals
Apr 1957 CTS/Gen

Production of High-Grade Rimming Steel for
(Deep Drawing) Car Sheet, by F. T. Antonyk
Antonyk et al.

RUSSIAN, no per, Metallurg, No 1, 1956,
pp 24-27.

Co-Op Tr Sch Tr 271
£1.12s.

USSR
Economic

42, 3/2

RAMMING OF RUNNERS FROM BLAST FURNACE WITH A
CARBONACEOUS COMPOSITION, by M. K. VASIL'YEV.

RUSSIAN, no per, Metallurg, Vol I, No 1, 1956,
p 20.

Henry Bratcher
Tr 3901
\$1.50

Sci - Min/Metals, metallurgy
Aug 57

50,726

Development of the Process of Continuous Casting
of Steel, by M. S. Boychenko, B. S. Rutes, V. V.
Ful'macht, 12 pp.

RUSSIAN, no per, Metallurg, No 2, 1956, pp 7-11.

Sci Mus Lib No 56/2870

Sci-Min/metals

43,438

Determination of the Weight of Liquid Steel in the
Ladle During Pouring, by A. P. Rogach, et al.

RUSSIAN, no per, Metallurg, No 2, 1956, p 38.

Co-Op Tr Sch 1r 281
Cs.Od.

Sci - Physics

42,280

61-23301

Oreshkin, G. G.
EXPERIMENTAL RUNNING OF BLAST-FURNACES
WITH AN UNCONVENTIONAL SYSTEM OF COOLING
THE SHAFT AND BOSCH. Apr 57 [10]p. BISI-521;
[DSIR LLU] M. 2780.
Order from OTS or SLA \$1.10 61-23301

- I. Oreshkin, G. G.
- II. BISI-521
- III. DSIR LLU M. 2780
- IV. British Iron and Steel
Industry Translation
Service

Trans. of Metallurg (USSR) 1956 [v. 1] no. 3, p. 1-7.

DESCRIPTORS: *Blast furnaces. *Cooling. Operation.
Tests.

Ten years of experience with one furnace with slab
(vertical) cooling plates and 2 years experience with
another have shown that cast-iron slab cooling plates
with recesses filled with bricks, the plates being placed
along rational furnace contours, make it possible to get
a better configuration of the furnace interior through a
fundamental change of the furnace lines, involving a
considerable increase of the height and diameter of the
shaft and a considerable reduction of the height of the
(Metallurgy, TT, v. 6, no. 7) (over)

Office of Technical Services

Production Experience With Transformer Steel B. 101
by G. M. Borodulin, et al.

RUSSIAN, per, Metallurg, Vol 1, No 3, 1956.
pp 14-16.

Henry Bratton 10/1/56
\$3.80

Sci - Min/Met

Sub 39

6/10/56

Injection of Pulverized Fuel Through Tuyeres Into
the Hearth of a Blast Furnace, by V. I. Loginov,
et al. UNCL

RUSSIAN, per, Metallurg, No 4, 1956, pp 10-12.

DSIR LIU (loan) M.409

Sci - Engr
Aug 59

94, 855

Critical Problems in the Control of Blast
Furnace Operation, by L. Ya. Staparber.
RUSSIAN, per, Metallurg, No 5, 1956, pp 3-7.
BISI 4633

319,021

Sci - Mechanical, **Industrial**
Civil, and Marine Engineering
Feb 67

**Application of Compressed Air for Open-Hearth
Flame Intensification, by M. G. Kochanov,
G. B. Rogov.
RUSSIAN, per, Metallurg, Jul 1956, pp 18-19.
(ZNS 1341)
INFO BX-11**

314, 374

**Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Nov 66**

Methods of Processing Wire-Recording Tapes, by I. I. Voronov et al.

RUSSIAN, per, Katalors, No 6, 1956, p 35.

Coop Tr Sch Tr 400

Sci & Min/inst
Nov 57

55,102

The Vacuum Technique in Metallurgy, by B. V.
Lashchvaly. UNCL

RUSSIAN, For, Metallur, No 7, 1956, pp 3-6.

Co-Op Tr Scheme 356

Sci - Min/~~Inst~~ Mot
Jun 59

88,434

Use of Compressed Air for a Sharper Flame in the Open-
hearth Furnace, by M. G. Kozhanov, G. B. Rogov.

RUSSIAN, pat., Metallurg. Vol I, No 7, 1956, pp 18-21.

Brutcher Tr 3916
\$2.25

Sci - Min/Met

Apr 58

61,439

Piercing Open-Hearth Tap Holes With Hollow
Charges, by N. S. Shchirenko, et al

RUSSIAN, no per, Metallurg, Vol I, No 7,
1956, pp 31-34.

Brutcher No 3834
\$3.90

Sci - Min/Metals
Dec 56 CTS

41, 428

Experience in the Vacuum-Treatment of Metal, by
V. G. Speranskiy.

RUSSIAN, per, Metallurg, No 8, 1956, pp 12-15.

Co-Op Trans Sch Tr 336
£1.12s.

49,480

Sci - Min/met
Jul 57

Production of Self-Fluxing Sinter From Fine
Concentrates, by L. R. Migutskiy.

RUSSIAN, no per, Metallburg, Vol I, No 10,
1956, pp 5-7.

Henry Bratcher Tr 3851

\$3.40

44,151

Sci - Minerals/Metals
Feb 1957 CTS

Increasing the Life of Ladys, by H. A. Rohklin.

RUSSIAN, per, Metallurg, No 10, 1956, pp 19-20.

Co-op Tr Sch Nr 377

Sci - Engr
Nov 57

55,080

Experience in the Operation of 500-Ton Open Hearth
Furnace, by B. S. Linetskiy et al.

RUSSIAN, per, Metallurg, No 11, 1956, pp 12-15.

Co-op Tr Sch Tr 376

Sci - Engr
Nov 57

55,081

A New Method of Deoxidizing Steel 12 G 2A, by
A. I. Marinov.

RUSSIAN, Metallurg, ~~Metallurg~~ No 11, 1956,
p 22.

Co-op Tr Sch Tr 375

55,079

Sci - Min/mec
Nov 57

Ingot Molds of Magnesium-Treated Spheroidal-
Graphite Cast Iron, by G. A. Pisarenko.

RUSSIAN, per, Metallurg, No 12, Dec 1956,
pp 16-19.

Brutcher Tr 4203
\$4.25

Sci - Min/Met

Aug 58

68,193

Ways of Minimizing Edge Cracks (in Rolling of Electric
Sheet), by N. P. Dubrov.

RUSSIAN, no per, Metallurg, Vol I, No 12, Moscow, 1956.
pp 24.

23

Henry Bratcher Tr 4019

\$1.90

Sci - Min/Metal, Dynamo steel

57,022

Jan 58

1957

METALLURG
(Metallurgist - monthly)
Translation begins with 1957
Lag time: ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 125.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on oversea subscription
single articles for 1959-64
not available

ll

METALLURG 1957 - No 12, 1958

COVER - COVER CONSULTANTS BUREAU

AVAILABLE BY SERIALS

METALLURG No 1 1959 - No 12, 1960

COVER - COVER: ACTA METALLURGICA

Volatilization of Nickel During a
Blast-furnace Heat of Moist Limonites,
by D. K. Benevolenskii.
RUSSIAN, Metallurgizdat, 1961,
PP 24-33.
BISI 3451

Sci/MPI
Aug 65

284,712

Errors in the Control of the Gas Flow (in a
Blast Furnace), by N. N. Chernov.

RUSSIAN, per, Metallurg, Vol VI, No 2, 1961,
pp 4-6.

MT 182

Sci - Fuels

203, 438

Jul 62

List No 57

Borodenchik, N. K. [Dikalov, A. I.] and others.
A THREE-BELL CHARGING MECHANISM. Feb 62.
Order from MT 4 15s MT Trans-183
Trans. of *Metallurg (USSR) 1961, v. 6, no. 2, p. 7-11.
DESCRIPTORS: *blast furnaces, industrial equipment.

62-17043

I. Borodenchik, N. K.
II. Dikalov, A. I.
III. MT Trans-183
IV. Tollemache, M. de O.
(Gt. Brit.)

(Metallurgy, P. N. S. no. 4)

ORIGINATOR'S REFERENCE

Flame Improvement in the Combustion Zone, by
G. I. Moiseevich, E. M. Konstratev.

~~SECRET~~, per, Metallurg, Vol VI, No 2, 1961,
pp 20-22.

MT 184

Sci - Engr
Feb 63

Borodii, N. P.
A MILL FOR ROLLING ROUND SECTIONS OF
CHANGING CROSS-SECTION. Mar 61. MT Trans-185
Order from MT # 2 2a

Trans. of Metallurg (USSR) 1961, v. 6, no. 2,
p. 23-24.

DESCRIPTORS: *Rolling mills, Design, Rods.

(Machinery--Manufacturing, TT, v. 6, no. 8)

61-25322

I. Borodii, N. P.
II. MT Trans-185
III. Tollemache, M. de O.
(Gt. Brit.)

61-25322

Office of Technical Services

Magnetic Roasting of Iron Ores, (In Countries who are Members of the S.E.V. (the East European Council for Mutual Economic Aid)), by G. V. Gubin.

RUSSIAN, per, Metallurg, Vol VI, Mar 1961.

BISI 2338

Sci - Min/Metals

168,479

Sep 61

list 108

Malousie-Type Dust Catchers for Gas Cleaning,
by V. D. Kanfer, M. S. Shklyar.

RUSSIAN, per, Metallurg, Vol VI, Mar 1961.

BISI 2337

Sci - Engr

Sep 61

list 108

168,478

Movement of Gases and Materials in the Blast
Furnace, by V. I. Loginov.

RUSSIAN, per, Metallurg, Vol VI, No 3, 1961,
pp 6-9.

MT 193

168,560

Sci - Engr

Sep 61

Effect of Handling Operations on the Change in the
Particle Size Distribution of Sinter, by L. M.
Rudakov, I. I. Gorshtein.

RUSSIAN, per, Metallurg, Vol VI, No 4, 1961,
pp 4-6.

MT 194
BISI 2457
168,583

Sci - Engr

Sep 61

The Use of Fuel Oil in Blast Furnace, Parts I, II,
by K. V. Malikov, S. I. Sapiro, et al.

RUSSIAN, per, Metallurg, May 1961, pp 3-7.

BISI 2291

Sci - Fuels

Jul 61

101,030

Automatic Control of the Rate of Inclination of
the Ladle During the Pouring of Pig Iron, by V. I.
Beloshabkiy, A. L. Shteiner.

RUSSIAN, per, Metallurg, Vol VI, No 5, 1961,
pp 10-12.

MT 202

Sci - Engr

168, 608

Sep 61

Surface Defects on Rolled Steel, by P. Ya. Ryzhkov,
R. M. Sbereshevskaya.

RUSSIAN, per, Metallurg, No 5, 1961, pp 25, 26.

HB 5192

Sci - Chem, Min/Metals

Aug 61

164,307

Blowing in of Blast Furnaces of 1717 m³ Capacity,
by E. V. Kochinev, et al.

RUSSIAN, per, Metallurg, Vol VI, No 6, 1961,
pp 3-7.

MT 219

Sci - Engr

210,968

Sep 62

Errors in the Control of the Gas Flow and the
Distribution of Materials in the Throat, by
Yu. A. Orlov.

RUSSIAN, per, Metallurg, Vol VI, No 6, 1961,
pp 7-9.

NT 220

Sci - Fuels

203,440

Jul 62

List No 57

Wear on the Refractory Lining of a Blast
Furnace of 1719 m³ Capacity, by I. M. Galemin,
N. K. Fridman.

~~SECRET~~, per, Metallurg, Vol VI, No 6, 1961,
pp 9-12.

MF 221

Sci - Engr
Feb 63

Trial Operation of a 400-Ton Open-Hearth
Furnace on High-Pressure Natural Gas.
by G. A. Podol'skaya.

RUSSIAN, par, Metallurg, No 6,
1961, pp 13-16.

HB 5213

175,001

Sci - Engr
Dec 61

Rapid Burning In of a Hearth, by V. L. Maksimov.

~~GERMAN~~, per, Metallurg, Vol VI, No 26, 1961,
pp 17-13.

MT 222

Sci - Engr
Feb 63

Operation of a Blast Furnace With the Addition
of Natural Gas to the Blast, by B. N. Starshinov.

~~SECRET~~, per, Metallurg, Vol VI, No 7, 1961,
pp 4-8.

MT 223

Sci
Feb 63

Firing and O.H. Furnace With a Mixture of
Coke-Oven and Natural Gas, by M. M. Khil'ko,
M. S. Shklyar.

~~German~~, per, Metallurg, Vol VI, No 7, 1961,
pp 11-13

MT 229

Sci
Feb 63

63-12559

Livenets, I. A.
HYDRAULIC CONTROL OF THE STOPPER MECHANISM OF A STEELMAKING LADLE. Dec 62.
Order from MT \$11.30 MT Trans-223

Trans. of Metallurg (USSR) 1961, v. 6, no. 7,
p. 13-17.

DESCRIPTORS: *Hydraulic power systems, Control,
*Steel industry, *Industrial equipment, Smelting.

- I. Title: Ladle stoppers
- I. Livenets, I. A.
- II. MT Trans-223
- III. Tollemache, M. de O.
(G. Brit.)

(Metallurgy, TT, v. 9, no. 6)

Office of Technical Services

Stamping of Metal in the Flow Line of the Mill:
Automatic Stamping of Hot Metal in Blooming and
Slabbing Mill, by G. S. Yakimerko, B. M. Barbashin

~~Sci~~
~~Sci~~, per, Metallurg, Vol VI, No 7, 1961,

MT 224

Sci
Feb 63

A Stamping Mechanism Without Guides in a Rail
Rolling Mill, by L. N. Gorodetskiy,

~~GERMAN~~, per, Metallurg, Vol VI, No 7, 1961.

MT 225

Sci
Feb 63

Control of the Running of a Blast Furnace by the
Differences in Gas Pressure at Various Levels, by
M. M. Gladkiy.

RUSSIAN, per, Metallurg, Vol VI, No 8, 1961,
pp 4-6.

MT 226

Sci - Engr

210,969

Sep 62

(NY-7001)

Ferrous Metallurgy in the Hungarian Peoples
Republic, by Ishtvan Garamvelgi, 9 pp.

RUSSIAN, per, Metallurg, No 8, 1961,
pp 38, 39.

JPRS 13167

~~USSR~~ E - HUNGARY 189,999
Econ
Apr 62

<p>Chechuro, A. N., Kolesnik, I. L., and Yashin, Yu. F. ELIMINATION OF FLUCTUATING COMBUSTION IN HOT BLAST STOVES: May 62. Order from MT \$6.50 MT Trans-231</p> <p>Trans. of Metallurg (USSR) 1961, v. 6, no. 9, p. 3-4.</p> <p>DESCRIPTORS: *blast furnaces, *Heaters, *Combustion.</p> <p>(Metallurgy, IT, v. 6, no. 4)</p>	<p>62-17973</p> <p>I. Chechuro, A. N. II. Kolesnik, I. L. III. Yashin, Yu. F. IV. MT Trans-231 V. Tollemache, M. de la (Gt. Brit.)</p> <p>Office of Technical Services</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>Vinogradov, Yu. A. IMPROVING THE OPERATION OF THE HOT-BLAST STOVES OF A BIG CAPACITY BLAST FURNACE May 62. Order from MIT \$4.30 MIT Trans-257</p> <p>Trans. of Metallurgy (RISSE) 1961, v. 6, no. 9, p. 5.</p> <p>DESCRIPTORS: *Blast Furnaces, *Heaters, Operation.</p> <p>(Metallurgy, IT, v. 8, no. 4)</p>	<p>62-17974</p> <p>I. Vinogradov, Yu. A. II. MIT Trans-257 III. Tollemeier, M. de G. (G. 1961)</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------

Automation of the Casting of Steel Into Ingots, by
V. D. Smolyarenko.

RUSSIAN, per, Metallurg, Vol VI, No 9, 1961, pp 20-22.

*MT 233

Sci

1b Sep 62

Errors in the Control of the Gas Flow and the
Distribution of Materials in the Throat, by
V. F. Pashinskiy.

RUSSIAN, per, Metallurg, Vol VI, No 10, 1961,
pp 10-12.

MT 234

Sci

210,972

Sep 62

Errors in the Control of the Gas ~~and~~ Flow and the
Distribution of Materials in the Throat, by
I. G. Polovchenko.

RUSSIAN, per, Metallurg, Vol VI, No 11, 1961, pp 3-6.

MT ~~236~~ 236

Sci

14 Sep 62

The Change in the Parameters of Charging the
Burden on Increasing the Gas ~~pr~~ Pressure in the
Shaft, by V. P. Tarasov.

RUSSIAN, per, Metallurg, Vol VI, No 12, 1961,
pp 2-4.

~~MT~~ 237

Sci

14 Sep 62

Control of the Tapping of Liquid Pig Iron by Means of a
Travelling Magnetic Field, by L. A. Verte.

RUSSIAN, per, Metallurg, Vol VI, No 12, 1961, pp 6-8.

g
*MT 238

Sci

14 Sep 62

The Effect of Mold Design on Crack Formation in
Continuously Cast Billets, by V. P. Druzhina,
D. P. Kvtsev, B. N. Katomin.

RUSSIAN, per, Metallurg, Dec 1961, pp 12-15.

BISI 2654

Sci - Min/Metals

Jul 62

list 130

204, 811

METALLURG NO. 1, 1962

COVER - COVER: ACTA METALLURGICA. NOT AVAIL. LY SER.

NOS. 2 THROUGH 12 1962, AVAILABLE LY SERIALS.

METALLURG NOS 1 - 12 1963

METALLURG NOS. 1 THROUGH 8, 1964

COVER - COVER: CONSULTANTS BUREAU

AVAIL. LY SERIALS

Fundamental Improvement Needed in the Preparation of
Scrap Metal for Smelting, by L. N. Khinchin, 7 pp.

RUSSIAN, per, Metallurg, 1964, no 9, pp 1-3.

JPRS 27458

Sci - MM

Jan 65

271955

Continuation of actual research in
Treaty of Aluminum Alloys, Part 2,
Treaty and Results,
RUSSIAN, per, Ideal, Vol XVIII,
No 9, 1964, pp 918-922.
*INTEL-FF-61-1068

Sci-M, 1/1
Jul 64

Treatment of Steel with Synthetic Slag in the
Ladle, by I. I. Kostyukov, 5 pp.

RUSSIAN, per, Metallurg, No 11, Nov 1964,
pp 1-2.

JPRS 28984

USSR
Econ
Mar 65

276,223

Ion Exchange and Extraction in Hydrometallurgy.
RUSSIAN, per, Metallurgiya i Gornoye Delo, No 6, 1964.
DIA LN 520-71

Aug 71

(SF-2311)

METALLURGICAL AND MINING INDUSTRY OF THE SOVIET
UKRAINE IN THE FOURTH YEAR OF THE SEVEN-YEAR PLAN,
4 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM,
NO 1, JAN-FEB 1962, PP 3, 4.

JPRS 15100

USSR
ECON
SCI - M/M
SEP 62

210,765

(SF-2311)

DEVELOPMENT OF MANGANESE ORE EXTRACTION IN THE
UKRAINIAN SSR, BY I. D. TARAKHTIY, 4 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM,
NO 1, JAN-FEB 1962, PP 58-60.

JPRS 15100

USSR
ECON
SCI - M/M
SEP 62

210,766

R-271/62

Scientific - Research Projects in 1961. (SF-2311)

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya
Promyshlennost'; No 1, Jan/Feb 1962, pp 67-68.

*JPRS

Sci - Misc.

USSR
Econ

9 Aug 62

(SF-2311)

SPECIALIZATION IN ROLLING MILLS AND MASTERY OF
THE NEW ECONOMICAL ROLLED SHAPES AT PLANTS OF
THE UKRAINIAN SSR, BY L. V. SHAPIRO, V. YE. SVETS,
8 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM,
NO 2, MAR-APR 1962, PP 19-23.

JPRS 15100

USSR
ECON
SEP 62

210,767

(SF-2311)

PROSPECTS FOR THE DEVELOPMENT OF THE KERCH ORE
BASIN, BY N. S. DOVZHUK, P. A. TATSIYENKO, 7 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM,
NO 2, MAR-APR 1962, PP 48-51.

JPRS 15100

USSR
ECON
SCI - M/M
SEP 62

210,768

(SF-2311)

AGGLOMERATE PRODUCTION IN THE UKRAINIAN SSR
IN THE FIRST THREE YEARS OF THE SEVEN-YEAR PLAN,
BY N. YE. SIDOROV, 7 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM,
NO 3, MAY-JUN 1962, PP 3-6.

JPRS 15100

USSR
ECON

210,769

Plant Improvements at the Dnepropetrovsk
Metallurgical Plant Imeni Petrovskiy,
by I. I. Korobov, 5 pp.

RUSSIAE, per, Metallurgicheskaya 1
Gornorudnaya Promyshlennost', No 4, 1962, p 6.

JPRS 163186

USSR
Econ
Nov 62

217, 885

Pig Iron Production at the Ukraine, by G.
Ya. Rutkovskiy, N. Ye. Sidorov, 11 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya
Promyshlennost', No 4, 1962, pp 7-9.

JPRS 16316

USSR
Icon
IKV 62

317, 886

Electric Steel Furnace Production at the
Dnepropetsstal' Plant, by N. M. Chuyko,
7 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya
Promyshlennost', No 4, 1962, pp 18-19.

JPRS 16316

USBR
Econ
Nov 62

217.887

New Continuous Rolling Mill Produced by
Novokramatorsk Plant, by V. V. Naminushchiy,
13 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya
Promyshlennost', No 4, 1962, pp 32-35.

JPRS 16316

USSR
Econ
Nov 62

117,388

The Utilization of Explosive Energy in
Metallurgy, by V. G. L. Kononenko, 26 pp.

RUSSIAN, per, Metallurgicheskaya i
Gornorudnaya Promyshlennost', No 4, 1962,
pp 64-69.

JPRS 16316

USER
Econ
May 62

217, 829

Explosive Energy Serves the National Economy,
by Ye. A. Maystrenko, 3 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya
Promyshlennost', No 4, 1962, p 89,

JPRS 16316

USSR
Econ
Nov 62

DESIGNING THE WORLD'S LARGEST BLAST FURNACE,
BY M. B. ROZENSHTRAKH, M. B. KUTNER, 11 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA
PROMYSHLENNOST', NO 5, SEP-OCT 1962, PP 3-7.

JPRS 17143

USSR
ECON
SCI - ENGR
JAN 63

219,458

PRESENT STATUS AND PROSPECTS FOR FURTHER
DEVELOPMENT OF ELECTROSLAG REMELTING IN THE
UKRAINE, BY B. YE. PATON, B. I. MEDOVAR,
14 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA
PROMYSHLENNOST'. NO 5, SEP-OCT 1962,
PP 12-19.

JPRS 17143

USSR
ECON
JAN 63

219,459

Horizontal Continuous Casting of Steel [Electrodes]
for Electroslag Remelting, by V. T. Sladkoshtsev.
RUSSIAN, per, Metallurgich i Gornorudn Promy-
shlennost', No 5, 1962, pp 20-23.
HB 7520

Sol-Inst
Feb 69

374,533

FURTHER DEVELOPMENTAL TRENDS OF ~~XX~~ THE
NIKITOVSKOYE MERCURY DEPOSIT, BY N. A. YEGOROV,
11 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA
PROMYSHLENNOST', NO 5, SEP-OCT 1962, PP 48-53.

JPRS 17554

USSR
ECON
FEB 63

221,670

SMELTING OF 35GS STEEL IN OXYGEN CONVERTERS,
BY P. S. RUBINSKIY, I. I. ENTIN, 6 PP.

RUSSIAN, PER, METALLURGIЧЕСКАЯ I GORNORUDNAYA
PROMYSHLENNOST', NO 5, SEP-OCT 1962, PP 73-75.

JPRS 17143

USSR
ECON
SCI - ENGR
JAN 63

219,460

STEEL PRODUCTION IN THE UKRAINIAN SSR DURING
1959 TO 1961, BY I. I. BORNATSKIY, 9 PP.

RUSSIAN, PER, METALL I GORNORUDNAYA PROMYSHLENNOST'
NO 6, 1962, PP 8-11.

JPRS 18795

USSR
ECON
MAY 63

228, X815

WAYS OF INCREASING THE PRODUCTIVITY OF OPEN-HEARTH
FURNACES, BY N. N. DOBROKHOTOV, 6 PP.

RUSSIAN, PER, METALL I GORNORUCNAYA PROMYSHLENNOST',
NO 6, 1962, PP 12-14.

JPRS 18795

USSR
ECON
MAY 63

228,816

UKRAINIAN STEEL AND IRON ORE PRODUCTION IN
1962/63 AND FUTURE PLANS, 8 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA
PROM, NO 1, JAN-FEB 1963, PP 3-5.

JPRS 20336

USSR
ECON
JUL 63

237,456

Continuous Casting of Carbon Steel with
Horizontal Discharge by Bending, by V. T.
Sladkoshteev, et al.
RUSSIAN, per, Metallurgicheskaya I Gornorudnaya
Promyshlennost, No 2, 1963, pp 11-14.
HB 7024

Sci - Mech
Aug. 67

338,583

SCIENTIFIC RESEARCH WORK PERFORMED BY THE
UKRAINIAN INSTITUTE OF METALS IN 1962, BY
V. I. DOROKHOV, 8 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA
PROM, KIEV, NO 2, 1963, PP 50-53.

JPRS 19776

USSR-ECON
JUN 63

234,783

HOW TO REDUCE THE COST OF IRON, BY V. F. BRAGIN,
9 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA
PROM, KIEV, NO 2, 1963, PP 61-64.

JPRS 19776

USSR-ECON
JUN 63

234,784

PRINCIPAL PERFORMANCE INDICATORS OF METALLURGICAL
PLANTS, 6 PP.

RUSSIAN, PER, METALLURG I GORNORUD PROMY, NO 3,
MAY-JUNE 1963, PP 83, 84.

JPRS 21546

USSR
ECON
OCT 63

240,483

THE NEED FOR BALANCED EXPANSION OF PRINCIPAL PRO-
DUCTION AND REPAIR FACILITIES OF THE FERROUS METAL-
LURGY, 5 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA
PROMYSHLENNOST, NO 4, 1963, PP 3-5.

JPRS 21643

USSR
ECON
NOV 63

240,701

A COMPARISON OF THE PERFORMANCE OF BLAST FURNACES
AT THE PLANTS OF THE PRIDNEPROVSKIY SOVNARKHOZ, BY N
N. N. CHERNOV, I. T. TKACH, 12 PP.

RUSSIAN, PER, METAL I GOR PROM, NO 4, 1963, PP 6-10.

JPRS 21643

USSR
ECON
NOV 63

240,702

ZAPOROZHSTAL' PLANT IMPROVES OPERATION OF OPEN-
HEARTH SHOP, BY V. F. BRAGIN, G. K. POMETUN, 8 PP.

RUSSIAN, PER, METAL I GOR PROMI, NO 4, 1963, PP20-22.

JPRS 21643

USSR
ECON
NOV 63

240,703

MECHANIZATION AND AUTOMATION OF PRODUCTION IN PIPE
ROLLING SHOPS, BY A. P. IVANOV, 8 PP

RUSSIAN, PER, METAL I GORNORUD PROM, NO 4, 1963,
PP 27-31.

JPRS 21643

USSR
ECON
NOV 63

240,704

EFFICIENT EXPLOITATION IN DEPTH OF THE KX ~~IN~~ KRIVROY
ROG HIGH-GRADE IRON ORE DEPOSITS, BY A. A. KOVSHULYA,
9 PP.

RUSSIAN, FER, METAL I GORNORUD PROM, NO 4, ~~NOV~~ 1963,
PP 34-37.

JPRS 21643

USSR
ECON
NOV 63

240,705

DISSEMINATION OF PROGRESSIVE METHODS AT THE
ARTEMOVSK TSVETMET PLANT, BY I. M. KISELEV, 5 PP

RUSSIAN, PER, METALL I GORNORUD PROM, NO 4,
JUL, AUG 1963, PP 74-76.

JPRS 22214

USSR
ECON
DEC 63

243,824

PRINCIPAL TECHNICAL AND ECONOMICAL PERFORMANCE
INDICATORS OF THE METALLURGICAL PLANTS OF THE
UKRAINIAN SSR FOR THE 1958 TO 1962 PERIOD AND CERTAIN
INDICATORS FOR THE FIRST QUARTER OF 1963, 5 PP.

RUSSIAN, PER, METAL I GORNORUD PROM, NO 4, 1963,
PP 88-89.

JPRS 216473

USSR
ECON
NOV 63

240,706

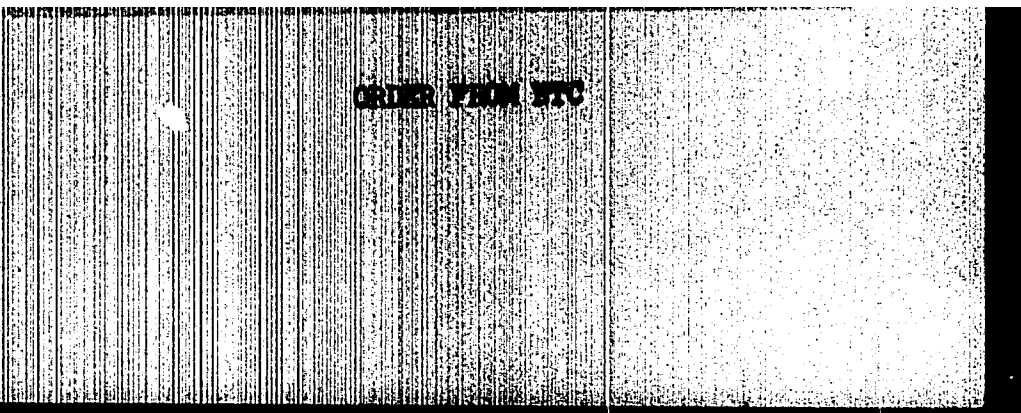
Proposals for Efficient Utilization of Rich Rivoy Rog Iron Ores,
by A. A. Kovshulya, 7 pp.

RUSSIAN, per, Metallur i Gornorudnaya Prom, No 5, 4 Nov 63,
pp 42-45.

JPRS 22467

USSR
Econ
Jan 64

245, 454



Technical and Economic Indices of Metallurgical Plants in the
Ukrainian SSR in 1958 - 1962, by V. F. Bragin, 9 pp.
RUSSIAN, per, Metallurg i Gornostudniya Prom, No 6,
Nov/Dec 1963.

JPRS 23617

USSR
Econ
Mar 64

251, 721

**New Machinery and Advanced Production Processes at Krivoy
Hog Metallurgical Plant Imeni Lwinin, by N. S. Galatov, 10 pp.
RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Prom, No 6,
Nov/Dec 1963.**

JPRS 23617

**USSR
econ
Mar 64**

251, 720