

A Safety Wire-End Holder for Wire Drawing, by  
Yu. N. Volkov. UNCL

RUSSIAN, par, Stal', Vol XVI, No 12, 1956,  
pp 1135-1137.

Co-op Tr Scheme 545

Sci .  
Engr  
Mar 59

82,470

Study of Conditions of Heat Exchange and Reduction  
[in Blast Furnaces] Working on Fluxed Sinter, by  
N. N. Babarykin, P. A. Yushin.

RUSSIAN, per, Stal', Vol XVII, No 1, 1957, p 7-15.

Brutcher Tr 4066  
\$12.00

Sci - Min/Met

Apr 58

61,425

Automatic Regulation of Blast Furnace Working, by  
Eni Plosnikovskiy, Ashikhmin. UNCLASSIFIED

RUSSIAN, per, Stal, No 1, 1957, pp 16-20.

*MLLP.40911*  
Iron and Steel Inst Tr 952  
(L3.10.0)

Sci - Engr  
Aug 58

*71,720*

... and ...  
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ROCKMAN, ...

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Hydrodynamics of (Proof of Convection in) Liquid  
Steel in Ingot Moulds, by Zborovsky. UNCLASSIFIED

RUSSIAN, per, Stal, Vol XVII, <sup>JAN</sup>1957, pp 24-30.

*From [unclear]*  
Co-op Tr Scheme  
Tr 737  
(L4.10.0)

Sci - Min/Metals  
Apr 58

62,625

Geometry of the Lower Part of an Angle. UFGI.

RUSSIAN, par, Stol, Jan 1957, pp 35-38.

British Iron and Steel Ind  
{no number given}

Sci. - Min/Met; Math  
Seq 59

98, 147

Increasing the Output of No 2 Blooming Mill at  
Magnitogorsk, by Kozhevnikov.

RUSSIAN, per, Stal, Vol XVII, No 1, 1957, pp  
47-52.

ASLIB-G1970

Sci

2151

95,687

Aug 59

Results of Reconstruction of the Magnitogorsk. No 3.  
Bloomington Mill, by L. V. Andreyuk.

RUSSIAN, per, Stal, Vol XVII, No 1, 1957, pp 53-59.

ASLIB-GB70

Sci

Aug 59

94, 215



Influence of Deoxidation With Aluminium on the  
Quality of Structural Steel, by Antropova, et al.  
UNCLASSIFIED

RUSSIAN, per, Stal, Jan 1957, pp 64-65.

Iron and Steel Inst Tr 743  
(14)

Sci - Min/Met  
Aug 58

91, 915

Use of Protective Coatings (of Waterglass) for  
Decreasing Steel Decarburization, by Yudovitch.  
UNCLASSIFIED

RUSSIAN, no per, Stal, Jan 1957, pp 69-71.

*N.L.L. 11-13*  
Co-op Tr Scheme  
Nr 859  
(12.0.0)

Sci - Chem  
Apr 58

*62,691*

Life of Moulds for Steel Ingots, by S. M.  
Sobrovnikh, A. G. Nikolayev. UKCL

RUSSIAN, per, Stal, Jan 1958 1957, pp 84-88.

British Iron and Steel Ind  
(no number given)

Sci - Min/Met  
Sep 59

98,142

Smelting of Fluxed Sinter Made From Krivoi Rog Iron  
Ores, by Rasporov et al.

RUSSIAN, per, Stal, Feb 1957, p 99-103.

ESIRo (CB 70/441E)  
Co-op Tr Serv Tr 681  
(2.0.0)

NLL 11.417  
30, 856

Sci - Min/est  
Nov 57

Porrocoke and Ore-Coal Briquets, by H. S.  
Kurchstov.

RUSSIAN, per, Stal, Vol XVII, No 2, 1957, pp  
103-105.

Henry Bratcher *Tx 4/19/58*  
\$4.80

Sci - Min/Met

Jun 58

*66, 118*

Problems in Sinter Production, by Khrasch et al.  
UNCLASSIFIED

RUSSIAN. *per*, 1957, No 2, 1957, pp 106-114.

*ULL M.4267*  
Iron and Steel Inst Tr 761  
(16)

Sci - Min/Met  
Aug 58

*71, 717*

Change-Over of O.H. Furnaces From Oil to Natural Gas  
Firing, by Borodin et al.

RUSSIAN, mo per, Stal, No 2, 1957, pp 124-129.

Co-op Tr Sch Tr 538  
(\$2.10.0)

NLL 100700  
3-7, 672

Sci - Engr  
Jan 58

Roll Forces and Power Characteristics in  
Blowing Mills, by T. M. Golubev, et al.

RUSSIAN, per, Stal', No 2, 1957, pp 141-146.

CSIRO

Sci - Engr  
Aug 62

*211, 253*



Study of Oblique Rolling on a Three-Roll Tube  
Mill, by P. K. Teterin, et al. UNCL

RUSSIAN, per, Stal, Feb 1957, pp 147-151.

British Iron and Steel Iron  
(no number given)

Sci - Engr  
Sec 59

98,410

Properties of O.H. Steel Processed With Oxygen, by  
Kazarnovskiy et al.

RUSSIAN, mo per, Stal, No 2, 1957, pp 152-157.

Co-op Tr Sch Tr 539  
(£2.0.0)

Sci - Min/met  
Jan 58

*ASL 13-6870*  
*57,650*

*ASL 13-6870*

Liquid Slag Removal From Soaking Pits,  
by Stukalov, et al.

RUSSIAN, per. Stal', Vol XVII, No 2,  
1957, pp 169-173.

CSIRO

Sci - Engr  
Jul 62

*207.693*

Remelting of High-Manganese Steel in an Open Hearth  
Furnace, by P. T. Khokhlov.

RUSSIAN, per, Stal, Vol XVII, No 2, 1957, pp  
179-181.

ASLIB-GB70

Sci

Aug 59

94, 219

The Influence of Cold hardening of the Edges of  
Cold-Rolled Transformer Sheet Samples on the  
Electromagnetic Characteristics, by Pelyakov.

RUSSIAN, no per, Stal, No 2, 1957, pp 185, 186.

Co-op Tr Sch Tr 795

*N.L. 10-7-77*  
*58,264*

Sci - Engr  
Feb 58

New Methods of Studying the Sintering Process,  
by V. S. Abramov.

RUSSIAN, per, Stal, Vol XVII, No 3, 1957,  
pp 195-199.

Henry Bratcher 4385  
\$8.80

Rel - Min/Mat.

Jan 59

78,641

Mold Design for Continuous Casting of Steel, by  
G. I. Kozlitsin, I. N. Kolybalov.

RUSSIAN, no per, Stal', Vol XVII, No 3, pp 809-213.

Henry Bratcher  
No 14004  
\$4.80

53,187

Sci - Eng  
Sep 57

Production of Constructional Steels in Arc Furnace  
With Oxygen Injection, by S. M. Gmichev, et al.

RUSSIAN, per, *Stal'*, Vol XVII, No 3, 1957,  
pp 220-232.

HB 4113

Sic - Min/Met

May 60

116,528



Modernization of Units of Slabbing Mill Equipment,  
by Tsirlip.

RUSSIAN, no per, Stal, No 3, 1957, pp 232-238.

*ULL 111 415*  
Co-op Tr Sch Tr 546  
(£3.0.0)

USSR  
Econ  
Jan 58

*57,675*

Application of Phosphate Coatings to the Multiple  
Cold Drawing of Tubes, by Gouharevsky, et al.

RUSSIAN, no per, Stal, Mar 1957, pp 243-253.

Co-op Tr Sch Tr 617

Sci - Min/met  
Jan 58

57, 742

HB 4642

Comparison of the Results of Metal Controlling for  
Fine Cracks in Billets and Finished Products, by  
Kalinina. UNCLASSIFIED

RUSSIAN, per, Stal, Mar 1957, pp 261-263.

Acc 111.4107  
Co-op Tr Scheme  
Tr 878

Sci - Min/Met  
Apr 58

62,599

(DC-1070)

The Iron Balance in Blast Furnace Production, by  
L. L. Zusman, N. F. Sklokin, 10 pp.

RUSSIAN, no per, Stal', Vol XVII, No 3, Moscow, Mar  
1957, pp 264-267.

US JPRS/DC-L-618

USSR

Eco - Steel Production

69,554

Temperature Uniformity of Steel Baths in Arc  
Furnaces, by V. E. Vinograd.

Metallurg, per, Stal', Vol XVII, No 3, 1957,  
pp 275, 276.

HB 4195

S-1 - Eng

See 60

127, 043

Causes of Unsatisfactory Cold Drawability of Iron-Chrome-Aluminum Resistance Alloys, by A. P. Boyarinova, S. I. Malov.

RUSSIAN, par, Stal, Vol XVII, No 3, 1957, p 280.

Brutcher Tr 4063

\$2.25

Sci - ~~Chem~~ Min/met  
Mar 58

60,374

Investigation of Forces Acting on the Various Parts  
of a Continuous Steel-Casting Machine, by V. F.  
Shchukin.

RUSSIAN, no per, Stal', Vol XVII, No 4, Moscow, 1957,  
pp 320-322.

*Comp Tr Sch 536*  
Henry Bratcher Tr ~~38~~  
*1022*

Sci - Engineering

*5*  
\$3.00

Jan 58

*57,019*

Quality of Steel Ingots Improved by Ultrasound  
Treatment, by N. P. Nikolaichik, E. N. Nikolaichik.

RUSSIAN, <sup>Per</sup> Stal, Vol XVII, No 4, 1957, pp 322-  
325.

Henry Bratcher

No 3985

\$4.75

Sci - Physics  
Sep 57

53,184



Production of Medium-Carbon Ferrochromium, by  
P. A. Saldaruk.

RUSSIAN, no per, Stal', Vol XVII, No 4, 1957,  
pp 326-328.

Henry Brucher  
No 3995  
\$5.90

53,194

USSR  
Econ - Metals  
Sci - Min/Metals  
Sep 57

Machines for the Marking of Blooms and Slabs, by  
K. S. Kobadzi, I. P. Prichenko. UNCLASSIFIED

RUSSIAN, per, Stal, Apr 1957, pp 333-340.

British Iron and  
Steel Ind 717  
(73.10.0)

MLL 17.4180

Sci - Engineering  
May 59

86,066

R

Longitudinal Cracks on the Flanges of  
Railway Rails, by V. A. Mikitskaya, A. M.  
Karpunin. UNCLASSIFIED

RUSSIAN, per, Stal, Apr 1957, pp 347-351.

*ALL 14.4124*  
Iron and Steel Inst Tr 813  
(3.10.0)

Sci - Min/Met  
Aug 58

*71,740*

Reconstruction of the Old Urals Works in the  
SSSR, by A. S. Osintsov, et al.

RUEBIAE, par, Stal' # No 4, 1957,  
pp 352-356.

CSIRO

Sod - Engrs  
Jun 62

199.579

Distribution of Temperature in an Ingot During  
Heating in a Soaking Pit, by Kazantsev, Strelets.

RUSSIAN, no per, Stal, Vol LXXVII, 1957, No 4,  
pp 358-361.

*NI 1112*  
Co-op Tr Sch Tr 533

Sci - Min/met  
Jan 58

*57, 712*

Durability of Ingot Moulds at the Kuznetsk Metallurgical Combines, by Plankina.

RUSSIAN, no per, Stal, No 4, 1957, pp 362-365.

Co-op Tr Sch Tr 534

11. 1. 58

Sci - Min/Int  
Jan 58

57,713

Coiling and Uncoiling of Hot-Rolled Plates of Up  
to 12 MM Thickness, by Tselikov, Sonin.

RUSSIAN, no per, Stal, No 4, 1957, p 374.

*N 22 01 4134*  
Co-op, Tr Sch Tr 631

Sci - Engr  
Jan 58

*57, 743*

Die Automatisierung Einzelner Vorgaenge in der  
Sinteranlage, by I. M. ~~Rud~~ Ravidikovich. (unpubl tr)

RUSSIAN to GERMAN, per, Stal, No 5, 1957, pp 385-388.

IDU 661  
Institut fuer Dokumentation  
Übersetzungsnachweis  
Berlin, W.8.  
Unter den Linden 8

Apr 60



Location of Blast-Furnace Mixing Valve, by  
Chernov, et al.

RUSSIAN, no per, Stal, May 1957, pp 389-391.

Co-op Tr Sch Tr 690

Sci - Engr  
Jan 58

477  
57,643

Oxygen Utilization in a 250-Ton Open-Hearth  
Furnace, by Lifshits, Sochan. UNCLASSIFIED

RUSSIAN, mo per, Stal, May 1957, pp 402-405.

Co-op Tr Scheme  
Tr 736  
(12.0.0)

NLI 100171

Sci - Min/Met  
Apr 58

62,689

Effect of Ultrasound on Structure and Properties of  
Steel Ingots, by Ya. B. Gurevich, V. I. Leontov,  
I. I. Terminin.

RUSSIAN, no per, Stal', Vol XVII, No 5, 1957,  
pp 406-411.

Brutcher Tr 4035  
\$5.60

Sci - Min/Met

57,363

Jan 58

Comparison Between Tilting and Fixed Purances, by  
Lenorsky.

RUSSIAN, per, Stal, No 5, 1957, pp 411-413.

Co-op Tr Sch Tr 635  
(2.10.0)

Sc1 - Engr  
Jan 58

57,704  
1111.4.58

Determination of Minimum Consumption of Electric  
Power in Arc Furnaces, by Markov.

RUSSIAN, no par, Stal, May 1957, p 419.

Co-op Tr Sch Tr 579

Sci - Engr  
Jan 58

57,721

Rolling of Rails Through Knifing; Passes of Cogging  
Rolls, by Beda, et al.

RUSSIAN, no per, Stal, Vol XVII, May 1957,  
pp 431-435.

Co-op Tr Sch Tr 624  
(\$1.15.0)

Sci - Engr  
Jan 58

57,700

Experimental Determination of Roll Force, by V. N.  
Poturayev. UNCL

RUSSIAN to FRENCH, per, Stal, No 5, 1957, pp 438-440.

IRSID T 878  
185, Rue President-Roosevelt  
St. German-en-Laye  
(S-et-O), France

Improved Groove Design in the Cold Reduction of  
Tubes, by Shevakin.

RUSSIAN, no per, Stal, May 1957, pp 441-444.

Co-op Tr Sch Tr 603

ALL INFORMATION

57, 732

Sci - Engr  
Jan 58



Достоинство Cold-Rolled Transformation  
Dr. A. G. Petrovich, et al.

RUSSIAN, Mar. Stud., Vol XVII, No. 3, 1956, pp. 456.

Struscher Dr. 4131

Sci - Mtn/met  
Jul 56

*Handwritten signature*

(FDD 33061)

(DC-1071)

Production of Bent Shapes, by G. V. Vitin, A. F. Yermakov, 14 pp.

RUSSIAN, no per, Stal', Vol XVII, No 5, Moscow, May 1957, pp 458-463.

US JPRS/DC-L-449

USSR

Econ - Varied steel produc research  
Technical

66,905

Phosphate and Glass Coatings in Wire Prior to Drawings, by Goncharov.

RUSSIAN, no per, Stal, May 1957, pp 464-465.

Co-op Tr Sch Tr 590

Sci - Engr  
Jan 58

*57724*  
*Centers*

Investigations at the Institute for Iron Metallurgy  
Ak Nauk Ukraine, by E. I. Nekrasov, N. I. Krasavtsev,  
V. D. Chukharenov.

RUSSIAN, per, Stal', No 5, 1957, pp 468-469.

BISI 2236

USSR

Econ

*204, 815*

Jul 62  
list 129

(PDD 31777)

(DC-1071)

Research at the Verkh-Isetskiy Plant, by G. N. Shubin, 9 pp.

RUSSIAN, no per, Stal', Vol XVII. No 5, Moscow, May 1957, pp ~~469-472~~.

US JPRS/DC-L-448

USSR

Econ

66,908

Forschungsarbeiten im Makajewsker Eisenhuettenkombinat,  
by I. I. Vernatskiy. (unpubltr)

RUSSIAN to GERMAN, per, Stal, No 5, 1957, p 475.

IDU 669  
Institut fuer Dokumentation  
Übersetzungsnachweis  
Berlin, W.8  
Unter den Linden 8

Apr 60

Automatic Speed Control of a Sintering Machine,  
by Khoklov.

RUSSIAN, no per, Stal, Jun 1957, p 481.

~~Coop Tr Ser 17 618~~

Sci & Engr  
Jan 50

NLL 1.4110  
57,642

*Printed Document  
Serial 688*

Effect of Heating of the Blast Upon the Working of a  
Blast Furnace, by I. G. Boychenko.

RUSSIAN, per, Stal, Vol XVII, No 6, 1957, pp 483-  
486.

Brutcher Tr 4051  
\$7.90

Sci - Engr  
Mar 58

60,361



Effect of Increased Top Pressure , in Blast  
Furnace/ Upon Composition of Pig Iron Produced,  
by V. L. Pokryshkin.

RUSSIAN, per, Stal', Vol XVII, No 6, 1957,  
pp 487-492.

Brutcher Tr 4052  
\$7.80

Sci - Engr  
Aug 58

68,190

Prospects for Use of Calculating Machines for  
Automatic Control of Blast-Furnace Running,  
by Rylov.

RUSSIAN, mo per, Stal, No 6, 1957, pp 488-493.

Co-op Tr Sch Tr 653  
(52.10.0)

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

DATE 05-17-2001 BY 57,709

Sci - Engr  
Jan 58

Charging of Raw Materials Into Blast-Furnace Skips by  
Belt Conveyors, by Fil, Lemberikmas.

RUSSIAN, no per, <sup>SUN</sup>Stal, 1957, p 493-495

~~Co op Tr Sch Tr 689~~

NLL 11/4 57

57,644

Sci - Min/met  
Jan 58

*Handwritten notes:*  
Lemberikmas  
11/4 57

Automatic Apportioning and Weighing of Blast-  
Furnace Burdens and Conveyor Melt Loading of  
Skips, by A. A. Ganich, et al. UNCLASSIFIED

RUSSIAN, Izv, Stal, No 6, 1957, p 496.

British Iron and  
Steel Ind 735  
(13.10.0)

Sci - MNGR  
Nov 58

N.L. M. J.

75, 880

Rationeller Schichtverteiler des Hochofens, by I. S. Shirenko. (unpubl tr)

RUSSIAN to GERMAN, per, Stal, No 6, 1957, pp 500-501.

IDU 664  
Institut fuer Dokumentation  
Übersetzungsnachweis  
Berlin, W. 8  
Unter den Linden 8

Apr 60

All-Union Blast Furnace and Sinter Plant Conference SSSR, 1957, by Ya. I. Dashevskiy, N. K. Leonidov, 1 pp.

RUSSIAN, per, Stal, No 6, 1957, pp 501-502.

Broken Hill Proprietary  
Co Ltd (CRE/T 153)

Sci  
Nov 61

7 Influence of Alloying Elements on Hydrogen Content  
and Hydrogen Mobility in Steel, by Yu. A. Klyachko,  
T. S. Izzanova.

RUSSIAN, per, Stal', Vol XVII, No 6, 1957, pp  
507-511.

Brutcher Tr 4047  
\$4.90

Sci - Min/Mat

Apr 58

61,434

Killed-Steel Ingots of Improved Shape, by A. N. Lektontsev.

RUSSIAN, per, Stal', No 6, 1957, pp 512, 513.

HB 4708B

Sci - Min/Met

Mar 61

141,395



New Decoxidizing and Desulfurizing Practice for Improved  
Steel Quality, by V. A. Skachko, N. P. Merenkov. 6 pp.

RUSSIAN, per, Stal', Vol XVII, No 6, 1957, pp 521-522.

AEC 3176  
Brutcher Tr 4080  
\$3.90

Sci - Min/Met

Apr 58

OTS 63-16875

61,779

Rationalization of Rail Pass Design, by Karpunin.

RUSSIAN, no par, Stal, Jan 1957, pp 536-540.

Co-op Tr Sch Tr 625  
(2.0.0)

Sci .. Engr  
Jan 58

*57, 701*

Rational Method of Fabrication of Sheet Ingots, by  
I. D. Kuzema.

RUSSIAN, per, Stal, Vol XVII, 1957, pp 541-543.

AEC Tr 3177

Sci - Engr

May 58

62, 647

Practice in Tube Mill Coating, by Gurevich.

RUSSIAN, per, Stal, Jun 1957, pp 569-570.

*N. M. 4136*  
Co-op Tr Serv Tr (26)  
( 1.0.0)

*55, 870*

USSR  
Econ  
Nov 57

Colorizing of Cast Iron Ingot Moulds, by Nikolaichik  
Nikolaichik.

RUSSIAN, no per, Stal, No 6, 1957, pp 571.

Co-op Tr Sch Tr 725

NE 11.4

58,253

Sci - Min/met  
Feb 58

Production of Ferromanganese in Large Blast-Furnaces,  
by Zakharov et al.

RUSSIAN, per, Stal, No 7, 1957, pp 580-584.

Co-op Tr Serv Tr 670  
( 1 1/2 - 2)

*NLL 11.4.57*

*55,863*

*CIA/T. 2.1.57*

USSR

Econ

Sci - Min/met

Nov 57

The Development of Side-Blown Basic Converter Steel  
Production in the Chinese People's Republic, by Yui  
Tszin-Shen. UNCL

RUSSIAN to GERMAN, per, Stal, No 7, 1957, pp 592-598.

Verein Deutscher Eisenhuettenleute  
Duesseldorf  
Breite Strasse 27, Germany

B6. 20

May 59

61-27837

Efrolmovich, Yu. E.  
SIMULATING AND CONTROLLING COMPUTERS FOR  
ARC STEELMAKING FURNACES [Modelliruyushchie i  
Reguliruyushchie Vychislitel'nye Ustroystva dlya  
Dugovykh Staleplavil'nykh Pechei]. Jan 60.  
Order from Mt

I. Efrolmovich, Yu. E.  
II. Tollemache, M. de O.  
(Gt. Brit.)

Trans. of *Stal* (USSR) 1957 [v. 17] no. 7, p. 602-608.  
Another translation is available from BISI #6 5a as  
BISI-1528 [1960].

DESCRIPTORS: \*Steel, \*Electric furnaces, \*Com-  
puters, Control simulators

For abstract see Technical Translations 3: 608, 1960.

180554

Office of Technical Services

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)



The Granulation of Reducing Manganese-Bearing Slags,  
by D. S. Tsikashua.

ENGLISH, per, Stal, 1957, No 7, pp 611-615.

BISI 1921

Sci - Min/Met

Oct 60

129,115

The New Wheel-Rolling Department of the Nizhny-Tagil  
Metallurgical Combine, by Makayev et al.

RUSSIAN, no par, Stal, Jul 1957, pp 616-621.

Co-op Tr Sch Tr . 658

MLL 04129

57, 752

USSR  
Econ  
Jan 58

Decapage Des Aciers Inoxydables. (Etching of  
Stainless Steels), by A. A. Babakov, A. A.  
Sabinine, I. P. Sinitsyne, 16 pp.

FRENCH From RUSSIAN, per, Stal, Vol XVII,  
1957, pp 631-634.

Reverse Translation  
AEC/CEA-Tr:-R569

Influence of Impurities on the Properties of High-Temperature Strength Nickel-Chromium Alloys, by M. V. Pridenko, G. F. Zubilin.

RUSSIAN, per Stal', Vol XVII, No 7, 1957, pp 636-40.

Brutcher Tr 4088  
\$5.90

Sci - Min/Met

Apr 58

61,438

Influence Des Impuretes Sur Les Proprietes Des  
Alliages Refractaries a Base De Ni - Cr. (Effect  
of Impurities on the Properties of Refractory  
Alloys With Ni - Cr Base), by M. V. Pridantzev,  
G. V. Estouline, 11 pp.

FRENCH from RUSSIAN, per, Stal, Vol XVII, 1957,  
pp 635-639.

Reverse Translation  
AEC/CEA-Tr-R573

Reference: "The Control of Chemical Warfare  
in the International Union of Pure and Applied  
Chemistry. UNCTC"

RUSSIAN, part, SOAL, No 7, 1951, pp 651-655.

British Iron and Steel Ind  
(no number given)

Sci - Min/Mac  
Sep 59

98,217

Hot Cooling of Open-Hearth Furnaces, by Moysseyevich.

RUSSIAN, no per, Stal, Jul 1957, p 658-660.

Co-op Tr Sch Tr 691

Sci - Engr  
Jna 57

57,645  
N.L.L. 1-1-57

Manufacturing of the dolls with East passes, by  
A. E. Krivochayev et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 7, 1957, pp 663-666.

Co-op Tr Scheme 538  
(L 1.12a.)

25170

Jan 58

Sq —

77,840



Smelting of Basic Pig Iron When Using Oxygen-  
Enriched Blast, by Bardin et al.

RUSSIAN, per, Stal, Aug 1957, pp 673-684.

Co-op Tr Serv Tr 694  
( 4.10.0)

WILLIAM Z  
55, 859

Sci - Min/met  
Rev 57

Investigation of the Wear of Blast Furnace  
Bottoms and (hoosing of Their Air Cooling System  
Design, by S. M. Andon'ev, et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 8, 1957, pp 685-691.

\*DSIR/TCL 107

Sci - Engr

Co-op Tr Scheme 584

Nov 58

82,021

Smelting of Converter Steel at Top Blowing of  
Oxygen, by S. G. Afanas'ev, et al. UNCLASSIFIED

RUSSIAN, par, Stal', No 8, 1958, pp 693-701.

\*DSIR/TCL 107

Sci - Min/Mat

Co-op Tr Scheme 571

Nov 58

82,022.

Development of Deoxidation Process of Rimming Steel,  
by Bordeneshnykh.

RUSSIAN, no per, Stal, Aug 1957, p 701: 703

Co-op Tr Sch Tr 703

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

Sci - Engr  
Jan 58

57763

\* 1/17

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RUSSIAN, no per, Stal, Aug 1957, p 707.-715

Co-op Tr Sch Tr 705

Sci - Engr  
Jan 58

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Sci - Engr  
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Sci - Engr  
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Sci - Min/Met

Jan 58

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Sci - Engr  
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Sci - Engr  
Apr 58

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Pavlovitseva, L. M. Cherkasov.

RUSSIAN, per, Stal, Vol XVII, No 9, 1957, pp 800-  
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Sci - Physics  
Mar 58

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RUSSIAN, no per, Stal, Sep 1957, pp 819-822.

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Sci - Engr  
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60,365

Sci - Physics  
Mar 58

Neutralization of Spent Pickle Liquor With Lime Sludge  
or Ground Lime, Coupled With Production of Heat-  
Insulating Materials, by V. A. Radtsig, T. L.  
Bruk-Levinson.

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Sci - Chem  
Mar 58

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Limestone on Top of Sinter Bed, by D. A. Klesin, A. V.  
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Sci - Engr

Apr 58

61,450