

Information Derived from Probe Tests on
Temperature, Gas Utilization and Gas Distribu-
tion in the Blast Furnace Stack, by D. Butler
GERMAN, per, Stahl Eisen, No 88, Feb 8, 1968,
pp 108-119.
BIBI 6350

Sci-Materials
July 68

350,836

Production of High-Alloy Special Steels in the
Basic Oxygen Converter, by M. Schmidt.
GERMAN, per. Stahl Eisen. Vol 88. 22 Feb 1968.
pp 153-159.
BISI 6369

Sci-Mat
Jul 68

359,939

Production of High-Alloy Special Steels in the
Basic Oxygen Converter, by M. Schmidt.
GERMAN, per. Stahl Eisen. Vol 88, 22 Feb 1968,
pp 160-168.
BISI 6369

Sci-Mat
Jul 68

359,940

Design and Operation of High-Speed Cooling De-
vices for Bell-Type Furnaces and Tightly
Coiled Strip, with Special Reference to Cool-
ing with Recirculated Flow, by W. Lehmann
and L. Tiby

GERMAN, per, Stahl Eisen, Vol 88, Mar 1968,
pp 253-263.

BISI 6544

NLL Ref. 9022.06(6544)

Sci-Materials
Feb 69

369,658

Comparison of Three Methods For the Regeneration
of Hydrochloric Acid Pickling Solutions, by
C. Eisenhuth.

GERMAN, per, Stahl Eisen, Vol 88, 1968, pp 264-269.

BISI 6459

NLL Ref: 9022.06 (6459)

Sci/Mater
Aug 68

363,076

Effect of Cooling on the Mechanical Descaling of
Wire Rod, by P. Funke, R. Hainitz.
GERMAN, per, Stahl Eisen, Vol 88, 21 Mar 1968,
pp 270-279.
BISI 6622

sci/ materials
sept 69

393,017

Corrosion Rate of Plain Carbon and Low-Alloy
Structural Steels, by W. Schwenk, H. Ternes.
GERMAN, per, Stahl Eisen, Vol 88, Apr 4, 1968,
pp 318-321.
BISI 6689

707

HB 7444

sci/ materials
sept 69

390,884

Subsidiary Desulfurization of High-Carbon
Iron Using a Stirring Device, by H. P. Schulz.
GERMAN, per, Stahl und Eisen, Vol 88, 1968,
pp 321-326.
NTC-71-16134-11F (ostberg)
HB 7460

Jan 72

Modern Weighing Techniques and Their Application
to the Materials Flow in Iron and Steel Works,
by O. Hartmann, R. Bruch.
GERMAN, per, Stahl Eisen, Vol 88, 4 Apr 1968,
PP 333-341.
BISI 6486

Sci/Mat
Nov 68

370.110

Smelting Trials with Formed Coke in and Industrial
Blast Furnace, by I. Stefanescu.
GERMAN, per, Stahl und Eisen, Vol 88, 1968, pp. 342-5.
MLL Ref: 9022.046 (106)

Sci-Materials
July 69

388,380

Desulfurization of Crude Iron With Special
Regard for the Circumstances in Sweden, *B. Kallberg*
GERMAN, per, Stahl und Eisen, Vol 88, 1968, *4 April*

FP 353-

NTC-71-16133-11F

BI, SI 7755

CRB/T. 4048

Jan 72

Achievements and Prospects in Rolling Mill
Automation, by H.-G. Müller.
GERMAN, per, Stahl Eisen, Vol 88, 18 Apr 1968,
pp 357-364.
BISI 6473

Sci/Mat
Dec 68

Continuous Flexible Control of Personnel Allocation
in an Integrated Steelworks, by H.-H. Plugge, et al.
GERMAN, ~~per~~, Stahl Eisen., Vol 88, 18 April 1968,
pp 393-397.
BISI 6830

Sci-Mat
June 69

382,860

Lateral Forces Acting on Overhead Travelling
Cranes due to Crane Running Aslant, by
K. Hennies.
GERMAN, per, Stahl Eisen, Vol 89, 17 Apr, 1969,
pp 398-404.
BISI 7397

sci/ materials
sept 69

393,056

Differences in the Loadability of Heavy Plates
Resulting from Anisotropy, by K. Born, W. Lauprecht,
21 pp.
GERMAN, per, Stahl und Eisen, Vol 88, No 9, 1968,
pp 429-439.
GB/DEF/NSTIC-Tr-2026-69

Sci/Mater
Feb 70

400,203

Advantages of Rapid Determination of Oxygen in
Steel for the Steel Plant, by H. Kobusch.
GERMAN, per. Stahl und Eisen. Vol 88, No 9,
1968, pp 439-445.
HB 7457

Sci-Mat
Sep 68

365.582

Material Flow and Production Control in a Continuous Tube Rolling Mill Using a Data Processing Plant, by W. H. Philipp.
GERMAN, per. Stahl Eisen, Vol 88, 2 May 1968.
pp 445-450.
HISI 6508

Sci-Mat
Sep 68

365,617

Acoustic Method for Controlling Blowing
Processes in Basic Oxygen Steel Converters, by
W. Pollehn.

GERMAN, per, Stahl Eisen, Vol 88, No 9, 1968,
pp 457-459.
BISI 10576.

Oct 72

Weathering Resistance of Steel Sheet,
Aluminized or Galvanized, in Industrial,
Rural, and Marine Atmospheres, Compared
With Sheet of Aluminum or Zinc, by
W. Friehe, B. Meuthen.
GERMAN, per, Stahl Und Eisen, Vol 88,
No 10, 1968, pp 477-484.
HB 7469

Sci/Materials
Jan 69

353,311

Effect of Roughness of the Rolling Mill Rolls
on that of Sheet in the Finishing Pass, by
W. Parknin, M. Kranenberg.
GERMAN, per, Stahl Eisen, Vol 88, 16 May 1968,
pp 484-491.
ELSI 6651

Sci/Mat
Dec 68

354,424

Principles and Possible Methods of Hot-Dip
Galvanizing of Steel Wire, by D. Horstmann.
GERMAN, per, Stahl Eisen, Vol 88, #6 May 1968,
pp 499-507.
BISI 6648

Sci-Mat
Apr 69

377,764

Measurement of Noise Intensity for Control of
Slag Formation and Metallurgical Reactions
During the Top Blowing of Low Phosphorus Hot
Metal With Pure Oxygen, by F. Bardenheuer.
GERMAN, per, Stahl und Eisen, Vol 88, No 12,
1968, pp 613-621.

HB 7492

(CRLT. 4045x)

sci/ materials
aug 69

388,611

Operating Experience With the Use of
Sponge Iron Pellets in the Electric Arc
Furnace, by M. Wahlster.
GERMAN, per, Stahl Und Eisen, Vol 88,
No 12, 1968, pp 621-627.
HB 7499

Sci/Materials
Jan 69

353,309

Investigations on the Metallurgy of the
Basic Oxygen Steelmaking Process, by
J. Schoop.
GERMAN, per, Stahl Eisen, Vol 88, 13 June
1968, pp 628-637.
BISI 6593

Sci/Materials
Jan 69

353,182

Metallurgical and Technological Funda-
mentals of the Electroslag Refining of
Steel, by W. Holzgruber, E. Plockinger.
GERMAN, per, Stahl Eisen, Vol 88, 13 June
1968, pp 638-648.
BISI 6617

Sci/Materials
Jan 69

353,140

Effect of Oxygen Enrichment on the Temperature
Profile and the Reduction Process in the
Ferro-Manganese Blast Furnace,
by E. Schurmann,
GERMAN, per. Stahl Eisen, Vol 88, No 13,
1968, pp 665-673.
BISI 9803

June 72

Possible Ways of Improving the Design of Pusher-
type Furnaces, by H. F. Strahuber.
GERMAN, per, Stahl Eisen, Vol 88, 27 June 1968,
pp 685-688.
BISI 6723

sci/ materials
dec 69

397,435

Study of the Rolling Technique Used on the
Reversing Roughing Train of a Hot Wide Strip
Mill, by O. Pawelaki and H. Schroeder
GERMAN, per, Stahl Eisen, Vol 88, June 27, 1968,
pp 689-699.
BISI 6660

Sci-Materials
Feb 69

369,598

Segregation Bands in Austenitic Steels,
by G. Grutzner, H.-J. Schuller.
GERMAN, per, Stahl Eisen, Vol 88, 11 July
1968, pp 713-726.
BISI 6619

NLL Rf: 9022.401 (746-1)

Sci/Materials
Jan 69

3 53,185

Pitting Corrosion and Fatigue Cracking of
Austenitic and Chromium-Nickel Steel, by
H. Wiegand.

GERMAN, per, Stahl Eisen, Vol 88,

11 July 1968, pp 726-739.

BISI 6687

NLL Ref: 9022.401 (746-2)

Sci-Mat

Mar 69

377,322

Contribution to the Metallurgy of Iron Ore
Sintering, by H.-G. Hoff, et al.
GERMAN, per, Stahl Eisen, Vol 88, 11 July
1968, pp 739-755.

~~SECRET~~ 6861

6151

Sci-Mat
June 69

382,851

The Use of Lime Fines Subjected to Different
Calculations in the Oxygen Top Blowing Process
for High-Phosphorus Pig Iron, by J. Schoop
GERMAN, per, Stahl Eisen, Vol 88, July 11, 1968,
pp 756-766.
BISI 6618

NLL Ref: 9002.04(6618)

Sci-Materials
Feb 69

369,575

Determination of the Possible Increase in
Throughput of a Heavy Plate Rolling Mill
Which has Been in Service for a Long Time,
by G. Ludwig
GERMAN, per, Stahl Eisen, Vol 88, July 11,
1968, pp 766-775.
BIBI 6719

Sci-Materials
Feb 69

369,604

Experience with a Continuous Ultrasonic Testing
Installation for Strip, by H. W. Grasshoff and
J. Tobolski. GERMAN, per, Stahl Eisen, Vol 88,
July 11 1968, pp 782-785.
BISI 6913

Sci/Materials
Jun 69

383,057

Crushing of Blast Furnace Coke and Its Use with
Classified Sinters, by W. Looz, et al.
GERMAN, per, Stahl Eisen, Vol 88, July 1968,
pp 793-799.
BISI 7024

Sci-Mat
June 70

Influence of Rolling Conditions on the Deformation Behaviour of the Rolled Material in a Modern High-Speed Wire Rod Mill of New Design,
by K. H. Luft
GERMAN, per, Stahl Eisen, Vol 88, July 25,
1968, pp 800-808.
BISI 6688

Sci-Materials
Feb 69

369,602

Taking Samples from Solid Steel for the
Determination of the Hydrogen Content, by
E. E. Hofmann.
GERMAN, per, Stahl und Eisen, Vol 88,
No 15, 1968, pp 809-813.
HB 7521

Sci-Mat
June 69

383,281

The Simulation of Heat-Treatment Processes in
Large Forgings, by F. Mengerer.
GERMAN, per. Stahl Eisen, Vol 88, 25 July 1968,
pp 813-818.
BISI 6795

NLL Ref. 9022.40I (746/63)

Sci-Mat
May 69

382,452

Comparison of the Notch-Toughness/Temperature
Curves of Longitudinal and Transverse Specimens
from Fine-Grain Steel Plate Variously Rolled,
by R. Breloer, H. Kornfeld.
GERMAN, per, Stahl und Eisen, Vol 88, No 15,
1968, pp 823-824.
HB 7626

Sci-Mat
Apr 69

377,758

Improved Time-Temperature-Transformation Diagrams
for Welding Technology, by J. Ruge.
GERMAN, per, Stahl Eisen, Vol 88, July 25, 1968,
pp 824-825.
BISI 6931

Sci/Mat
July 69

387-245

The Effect of Coke Properties on Blast Furnace
Operating Results, by H. Beer, W. Zischkale.
GERMAN, per, Stahl Eisen, Vol 88, 8 Aug 1968,
pp 845-852.
BISI 6773

Sci-Mat
Mar 69

377,326

Protective Measures Against Explosions in
Pipelines, by W. Bartknecht.
GERMAN, per, Stahl Eisen, Vol 88, 8 Aug 1968,
pp 857-862.
BISI 6776

Sci-Mat
Apr 69

377,789

Sample Taking for the Determination of Hydrogen
in Solid Steel, by H. Zitter and W. Schwarz.
GERMAN, per, Stahl Eisen, Vol 88, 8 Aug 1968,
pp 862-867.
BISI 6685

Sci-Materials
Feb 69

375,327

Investigations on the Sizing of Run-of Mine
Ores Crushing and Screening Plants, by
H. Baumler, et al.
GERMANY, per, Stahl Eisen, Vol 88, 22 Aug 1968,
pp 897-906.
BISI 7092

sci/ materials
dec 69

397,438

The Desulfurization of Pig Iron Outside
the Blast Furnace, by W. Domalski.
GERMAN, per, Stahl und Eisen, Vol 88,
1968, pp 906-919. 22 Aug
NTC 72-10575-11F
BISI 7046

Apr 72

Conversion of the Mechanical and Electrical Equipment of a Heavy Plate Mill in Preparation for Automation, by A. Engel.

GERMAN, per, Stahl Eisen, Vol 88, Aug 1968, pp 920-930.

BISI 7115

Sci-Mat
Jul 70

Experience Gained with Rammed Versus Bricked
(Steelplant) Ladles, by R. Hergenhahn.
GERMAN, per, Stahl und Eisen, Vol 88, No 18,
1968, pp 974-978.
IID 7607

Sci-Mat
Apr 69

377,748

Effect of ⁵⁰Co-plants on the Wear of Sintered Carbide
Turning Tools when Cutting Aluminum-Deoxidized
Steel, by H. Opitz, W. König.
GERMAN, per, Stahl und Eisen, Vol 88, No 18, 1968,
pp 978-986.
IIB 7606

Sci-Nat
Mar 69

377,723

Rolling Practice Investigations on a Four Roll
Cold Rolling Mill Stand With Lateral Work-Roll
Support, by E. Neuschutze, O. Pawelski.
GERMAN, per, Stahl Eisen, Vol 88, No 9, September
19, 1968, pp 1021-1027,
BISI 6799

2 B 41/6799-1205

Sci-Mat
Apr 69

379.739

Diameter Changes, Surface Quality and Work-
Hardening of Bright Steel Bars Straightened
in Two-Roll Straightening Machines, by
O. Pawelski and R. Fangmeier
GERMAN, per, Stahl Eisen, Vol 88, Sept 1968,
pp 1027-1036.
BISI 6812

NLL Rf: 9022, 06 (6812)

Sci-Materials
Feb 69

369,662

The Surface Roughness of Patented Dry Bright
Drawn Steel Spring Wire, by F. Bleilob,
GERMAN, per. Stahl Eisen, Vol 88, No 19, 1968,
pp 1037-1042.
BISI 7784

The Present State of Surface Roughness of Bright
Steel Bars, by K. Springmann.
GERMAN, per, Stahl Eisen, Vol 88, 19 Sept. 1968,
pp 1043-1051.
BISI 6928

sci/ materials
sept 69

390,890

Study of the Trueness to Dimensions of Products
Rolled in a Manually-Controlled Heavy and Medium
Plate Mill, by G. Wiehoff.
GERMAN, per, Stahl Eisen, Vol 88y 3 Oct 1968,
pp 1073-1081.
BISI 6905

Sci-Mat
Apr 69

377,777

Hydraulically Pre-Stressed 4-High Mill Stands,
by G. Engel, F. Fischer.
GERMANY, per, Stahl Eisen, Vol 88, No 10, 1968,
pp 1081-1086.
BISI 6847

NLL Rf 3774.5 (1855)

sci/materials
June 69

384,174

Automatic Control of the Wire by Optical Thickness Measurements After Rolling, by R. Blaser, M. Horingklee.

GERMAN, per, Stahl Eisen, Vol 88, 3 Oct 1968, pp 1086-1089.
BISI 6835

Sci-Mat
Mar 69

377,303

Inflammability and Combustibility of Metal
Tubes in Still and in Circulating Oxygen,
by W. Simon.
GERMAN, per, Stahl Eisen, Vol 88, 3 Oct 1968,
1090-1097.
BISI 6850

Sci-Mat
Mar 69

377,304

Grain Size Disintegration of Sinter During
Reduction, by K. Grebe.

GERMAN, per, Stahl Eisen, Vol 88, 1968,
pp 1098-1104.

BISI 7143

Sci/Agr
May 70

406,759

406

Quantitative Analysis of Gases by Chrom-
atography, Specifically by the Janak
Method, by G. Jacob.

GERMAN, per, Stahl und Eisen, Vol 88,
No 20, 1968, pp 1104-1109.
HB 7660

Sci-Mat
June 69

383,280

Effect of Technical Progress on the Cost
of Constructing Plants for Pig Iron Pro-
duction, by L. von Bogdandy,
D. Terlaak.

GERMAN, per, Stahl und Eisen, Vol 88,
No 21, 1968, pp 1139-1144.
HB 7692

Sci-Mat
June 69

383,276

Effect of Remelting by Means of Special Processes
on the Structure and Some Properties of Steel,
by M. Wahlster, A. Choudhury.

GERMAN, per, Stahl und Eisen, Vol 88, No 22,
1968, pp 1193-1202.

HB 7670

Sci-Mat
April 69

377,739

Contribution to the Technique of Soaking Pit
Operation, by H. Lehr, et al.
GERMAN, per, Stahl Eisen, Vol 88, 31 October
1968, pp 1203-1208.
BISI 7060

Sci-Mat
May 69

382,460

Cooling of Rolled Products, by F. Kusters.
GERMAN, per, Stahl Eisen, Vol 88, 31 Oct 1968,
pp 1209-1216.
BISI 6927

Sci-Mat
June 69

382,861

Cooling Conditions of Cooling Beds, by
W. Degenhard, et al.
GERMAN, per, Stahl Eisen, Vol 88, 31 October
1968, pp 1216-1224.
BISI 7099

Sci-Mat

May 69

MAY 1969

382, 463

Report on a Study of the Transport of Semis and
Finished Products From a Rolling Mill, by
P. Hainke.
GERMAN, per, Stahl Eisen, Vol 88, 31 Oct 1968,
pp 1224-1228.
DISI 7101

sci/ materials
sept 69

390,894

Pickling Wire Coils with Vibration, H.-L. Kremer,
H.-E. Mobius.
GERMAN, per, Stahl Eisen, Vol 88, 31 October 1968,
pp 1229-1234.
BISI 7098

Sci-Mat
May 69

382,462

Application of Simulation Methods in the Iron
and Steel Industry.

1 - Simulation and Mathematical Optimisation

11 - Improving the Materials Flow in Steel Bar
Finishing by Simulation on a Computer, by
A. Schreiner, et al.

GMW, per, Stahl Eisen, Vol 88, No 10,

1 - pp 1234-1236; 2 - pp 1236-1241.

BISI 7071

sci/materials
june 69

384,184

Lime Dissolution, Slag Practice, and Life of
Dolomite Lining when Blowing Low-Phosphorus
Hot Metal in the Basic Oxygen (LD) Furnace,
by F. Bardenheuer.
GERMAN, per, Stahl und Eisen, Vol 88, No 23,
1966, pp 1285-1290.
HB 7671

Sci-Mar

377,749

APR 1969

Application of Simulation Methods in the Iron
and Steel Industry II, by A. Schreiner, et al.,
GERMAN, per. Stahl Eisen, Vol 88, No 11, 1968,
pp 1309-1315.
RISI 7257

Sci/Mat
Mar 70

404,214

SCHURMANN, E. and MICHAEL. J. Evolution of water
gas and carburising reactions in the bell-type open coil
annealing furnace.

Stahl Eisen 88:1338-48 (1969) (GB 153/1889)

BISI 7121

sci - mat

382,681

Investigations on the Drawing of Steel Tubes by
Means of a Floating Plug, by O. Pawelski,
O. Armstroff.
GERMAN, per, Stahl Eisen, Vol 88, November 28,
1968, pp 1348-1354.
BISI 6943

Sci-Mat
Apr 69

379,757

Screening Tests for the Assessment of Shot
Blasting Media, by H. Vater, A. Schutza.
GERMAN, por, Stahl und Eisen, Vol 88, No 24,
1968, pp 1365-1367.
HB 7674

sci/ materials
oct 69

395,429

Computation and Seating of Rolling Mill Rolls
With Reverse Bending, by U. Stahl, W. Heinz.
GERMAN, per, Stahl Eisen, Vol 88, 28 Nov 1968,
pp 1367-1370.
BISI 7328

sci/ materials
sept 69

390,966

Structural Features of the Steel Industry,
by H. Schenck.
GERMAN, per, Stahl Eisen, Vol 88, 12 Decembor
1968, pp 1393-1400.
BISI 6942

Sci-Mat
May 69

380,444

New Results from an Experimental Blast Furnace
[at Ougree, Belgium], by A. Dacker, A. Pocu.
GERMAN, per, Stahl und Eisen, Vol 88, No 25,
1968, pp 1407-1414.

HB 7755

CRL/T. 3919x

sci/ materials
aug 69

388,615

Burst Testing of Iron ore by Heating, by
H. Kister.
GERMAN, per, Stahl Eisen, Vol 88, 12 Dec. 1968,
pp 1427-1428.
BISI 7164

sci/ materials
sept 69

390,923

Effect of Residual Stresses on the Behaviour of
Steel Springs Under Alternating Stresses, by
K.-H. Muhr.
GERMAN, per, Stahl Eisen, Vol 88, December, 1968,
pp 1449-1455.
BISI 7292 *7293*

Sci/Mat
July 69

387 256

Evolution of Gas and Formation of Sub-Surface
Blowholes During the Pouring and Solidification
of Killed Steel, by W. Volker.
GERMAN, per, Stahl und Eisen, Vol 88, No 26,
1968, pp 1455-1463.
HB 7728

sci/ materials
aug 69

388,622

Investigations Aimed at Lengthening the Lining
Life of Hot-Metal Mixers, by Th. Hartmann,
G. Koenig.
REISCH, per, Stahl und Eisen, Vol 88, No 26,
1968, pp 1463-1468.
HB 7898

sci/ materials
nov 69

395,425

Research on the Possibilities of Preventing
the Reduction of Phosphorous During the Tapping
and Teeming of Steel Under Phosphate Slags
Saturated With Lime, by H. Lausch, W. Flx.
GERMANY, per, Stahl Eisen, vol 88, Dec 1968,
pp 1468-1475.
BISI 7113

sci/ materials
aug 69

388,590

Study of the Dimensional Accuracy of Products
from a Manually-Controlled Heavy and Medium
Plate Rolling Mill, by G. Wiethoff.
GERMAN, per, Stahl Eisen, Vol 88, No 20,
1968, pp. 2073-2081.
GB 153/1854

sci-mat
aug 69

390,184

Long-Term Management Planning in a Steel-
Producing and Steel-Processing Group, by
A. Friedrich.

GERMAN, per, Stahl Eisen, Vol 89, Jan 9, 1969,
pp 1-6.

RISI 7209

sci/ materials
aug 69

388,593

Technical and Economic Bases for Comparative
Assessment of Coking Coals, by G. W. Lask,
L. H. Sandhofer.
GERMAN, per, Stahl Eisen., Vol 89, 9 Jan 1969,
pp 6-14.
BISI 7175

Sci-Mat
June 69

382,866

The Guniting of Refractory Linings [of Iron and
Steelmaking Furnaces], by G. Kaufel, H. Hillebrand.
GERM, for, Stahl und Eisen, Vol 89, No 1, 1969
pp 14-17.
HB 7707

sci/materials
dec 69

398,638

Assessment of Different Grades of Scrap at the
Steel Plant, by H.-J. Langhammer, H.-H. Gerber
et al.

GERMAN, Der Stahl und Eisen, Vol 89, No 1,
1969, pp 18-24.

IEB 7708

sci/ materials
sept 69

392,965

Factors Influencing the Variations in Nitrogen Content of Steel Produced in the Basic Oxygen Furnace, by H. P. Haastert. GERMAN, per, Stahl und Eisen, Vol 89, No 1, 1969, pp 24-30.
HB 7726

Sci-Mat
June 69

383,294

Increasing the Efficiency of Existing Dust Removal
Plants for Flue Gas, by E. Bothe,
GERMAN, per. Stahl Eisen, Vol 89, No 1, 1969,
pp 30-35.
BIBI 7500

Sci/Mat
Apr 70

406,663

Technical and Economic Considerations Regarding
the Production of Basic Blast-Furnace Pellets, by
F. Cappel, G. Struve.
GERMAN, per, Stahl und Eisen, Vol 89, No 2,
1969, pp 49-56.

HB 7723

CRLIT. 3953x

sci/ materials
sept 69

391,045

Operating Results on Lime with Different Degrees
of Calcination in the Basic Oxygen Process,
by F. Reinders, E. Friedl.

GERMAN, per, Stahl und Eisen, Vol 89, No 2,
1968, pp 57-63.

HB 7724

GB 39/Mond Div./1247

CRL/T. 3930X

Sci-Materials

April 69

377,751

Requirements Regarding the Organisation and
Personnel for a Rational Transport System in
Iron and Steel Works, by G. Osell.
GERMAN, per, Stahl Eisen, Vol 89, 23 Jan 1969
pp 63-67.
BISI 7325

sci/materials
aug 69

388,595

The Behavior of Oxygen, Nitrogen, and Hydrogen
During Solidification of Killed Steel in Heavy
Pouring and Slabbing Molds, by M. Wahlster,
A. Choudhury.
GERMANY, per, Stahl und Eisen, Vol 89, No 2, 1969
pp 78-84.
HB 7725

sci/ materials
sept 69

392.952