

Progress Achieved in Japan in Blast Furnaces
and Iron-Making, by G. Warynski.
FRENCH, per, C.D.S. Circ., Vol 5, 1967,
pp 1207-1234.
BISI 6020

Sci/Mat
May 68

358,176

Study of the Transformation of Steels in Relation
to Heat Treatment Problems, by G. Murry &
A. Constant.

FRENCH, per, C.D.S. Circ., ^{inc} Vol 6, 1967, pp 1561-
1584.

HLI 5879

NLL Ref 7022.04 (5879)

Sci/Mat
Mar 68

351,035

The Sintering Plant at the Tarento Works (Italsider),
by M. Carignani & A. Chiaverini.

FRENCH, per, C.D.S. Circ., Vols 7-8, 1967,
pp 1741-1765.

BISI 6119

Sci/Mat
Mar 68

351,024

A Study of the Grid Sintering of Mixtures of
Haematite Ores. The Influence of the Index of
Basicity, by R. Rochas, et al.
FRENCH, per, C.D.S. Circ, No 7-8, 1967, pp 1767-
1810.
BISI 6572

Sci-Mat
June 70

Elements for the Fabrication of Ultrasonic Probes,
by J. Mondot.
FRENCH, per, C.D.S. Circ. No 7-8, 1967, pp
pp 1821-1828
DISI 6254

sci/ materials
aug 69

388,582

Results of Operation of Burden Materials Preparation
Plant and Sinter Plant at the Usinor Works at
Dunkirk, by J. Dumaine.

FRENCH, per, C.D.S. Circ., Vol 9, 1967, pp 1981-
1997.

BISI 6120

Sci/Mat
Mar 68

351,025

Straightening of Rails in a Modern Installation at the Micheville Plant of Sidelor, by H. Charbonnier.

FRENCH, per, CDS Circ., No. 9, 1967, pp. 2055-2062.

*BISI 6123

Sci/Mech., Ind., Civil
and Marine Engineering
Jan 68

Application of Forgeability Tests to
Rolling, by J. Bellot and M. Hugo,
FRENCH, per. C.D.S. Circ., No 9, 1967,
pp 2063-2091.
BISI 6607

Sci/Mat
Sep 70

Metallurgical Characteristics of Blast Furnace Slags,
by R. Jon
FRENCH, per. C.D.S. Circ., No. 10, 1967, pp 2217-2238
BIBI 6606

Sci/Mat
Mar 70

404,047

Evolution of the Granulometry of Metallurgical
Coke, by F. Dancoisne and G. Warynski.
FRENCH, per. C.D.S. Circ. No 10, 1967, pp 2239-
2257.
BISI 6380

Sci-1at
Jul 68

359,928

On the Measurement of the Quantities of Heat
Exchanged During the Contact Between a Roll and
the Rolled Sheet, Experimental Method, Results
and Comparison with the Theoretical Results, by
P. A. Portevin.

FRENCH, per, C.D.S. Circ., No 10, 1967, pp 2269-
2292.

*BISI 8401

Sci-Mat
Jul 70

Automatic Sampler for Fines or Granulated Coal
and Coke Dust, by R.H. Busso,
FRENCH, per, C.D.S.Circ, 1967, (11), pp. 2455-2462.
BISI 8467

July 1972

Differdange Plant of the Societe Hadir: Blast
Furnaces and Burden Preparation, by H. Erpelding.
FRENCH, per. C.D.S. Ciro, No 11, 1967, pp 2463-
2478.
*BISI 6285

Sci-Mat
Apr 68

~~The Differdange Works of the Societe Hadir:~~
Comparison of Working Results of a Blast Furnace
According to Whether it is Fed With a Band
Sinter or a Sinter From a Rotary Furnace, by
A. Faber.

FRENCH, per, C.D.S. Circ., No 11, 1967,
pp 2479-2491.
BISI 6286

Sci/Mat
Oct 68

363,356

The Application of Modern Weighing Techniques
in Steelworks, by V. Gallois.
FRENCH, per, C.D.S.Circ., No 12, 1967,
pp 2643-2678
BISI 6573

sci/materials
jan 70

399,915

The Nature of Coal and the Quality of Coke, by
C. G. Thibaut, J. P. Thibaut.
FRENCH, per, C.I.S. Circ, Vol 25, No 1, 1968,
pp 175-186.
ORISI 6742

sci/ materials
sept 69

392,974

Rolling of Rails on a Universal Stand Train, by
R. Stambach.
FRENCH, per, C.D.S. Circ., Vol 1, 1968, pp 241-255.
HLSI 6305

CRLT. 3945x

Sci/Mat
Aug 68

361,397

Value of the Iron Point as a Function of
the Richness of the Ore, by J. Michard.
F. Paschal.
FRENCH, per, C.D.S. Circ, No 2, 1968,
pp 413-437.
BISI 6725

Sci-Mat
Aug 69

389,536

Evolution of the Dimensions of Blast Furnaces in
the World and Existing or Projected Units of More
than 9 m Hearth Diameter, by C. Warynski.
FRENCH, per, C.D.S. Circ. No 2, 1968, pp 439-462
BISI 6712

sci/ materials
sept 69

390,886

Relation Between the Oxide Compounds in Killed
Steels and the Decarburants Used, by P. Detrez.
FERNET, par, C.D.S. Circ. No 3, 1968, pp 777-795
BISI 6709

sci/ materials'
sept 69

390,885

Measurement of Large Discharges of Gas on Industrial Installations by the Trace Method. Applications in Steelworks. (with discussion), by H. Pierrard, F. Mangin. FIENCHI, per, C.D.S. Circ, No 3, 1968, pp 797-809. BISI 6818

sci/materials
june 69

384,172

Results of Operation of the Dunkirk LD Steelworks
from 1963 to the beginning of 1967, by

A. Faubon.

FRANCE, per, C.D.S.Circ., No 4, 1968, pp
pp 983-996.

DESI 6859

sci/ materials
sept 69

390,912

Stress Relief Treatments for Carbon Steels---
Their Effect on Mechanical Properties, by
P. Rousseau.
FRENCH, per, C.D.S. Circ., No 4, 1968,
pp 1031-1046.
BISI 6811

Sci-Mat
Apr 69

377,790

Experience At the Societet Des Aciers Fins De
L'est With the Use of Submerged Nozzles for
Continuous Casting, by P. Gosselin.
FRENCH, per, C.D.S. Circ., No 5, 1968,
pp 1301-1321.
BISI 6717

Sci-Mat
Mar 69

377,323

Sampling of Materials In the Bosh of No. 1 Blast
Furnace at Hagondange, by R. Jon, J. Vigliengo.
FRENCH, per, C.D.S. Circ., No 6, 1968,
pp 1469-1482.
BISI 6720

Sci-Mat
Mar 69

377,325

Incidents in Tuyeres of the Blast Furnace at
Dunkirk, by P. Drapier.
MINOT, por, C. D. S. Circ., No 6, 1968,
pp 1483-1495.
DISI 6904

sci/ materials
nov 69

396,949

Continuous Measurement of Temperature of Liquid
Steel - Application to the Evolution of Steel
Temperature in the Ladle During Casting, by
J. Dumont-Fillon, M. Viola.
FRENCHI, per, C.D.S. Circ., No 6, 1968, pp 1553-1568
pp 1553-1568.
BISI 6858

sci/ materials
sept 69

390,911

laning of Mouth with Controllable Diameter,
by P. Brochenin
FRENCH, per. C.D.S. Circ., No. 7-8, 1968, pp 1699-1707
BISI 7139

Sci/Mat
Mar 70

404,048

Moisture Control of a Sinter Mix by a
Neutron Retrodiffusion Probe, by M. Expelding,
FRENCH, per. C.D.S. Circ., No 7/8, 1968,
pp 1733-1746.
BISI 8164

Sci/Mat
Jan 61

Management of Ingot Mould Stock by
'Technography', by F. Knaff, et al.
MATERIAL, PER, C.D.S. Circ., No 9, 1968,
pp 1941-1953
BISI 7064

sci/materials
jan 70

399,941

Brittleness Tests.

1 - Resilience Tests, Schnadt Tests and Impact
Tensile Tests, by M. Grumbach, G. Sanz.

FRENCH, per, C.D.S. Circ., No 9, 1968,
pp 1997-2011.

BISI 7252

sci/ materials

nov 69

397,305

Brittleness Tests

II - Tests of Brittle Fracture on Large Specimens:

Robertson, Pellini, Batello, by A. Cheviet,

M. Prudhomme.

FRENCH, per, C.D.S. Circ, No 9, 1968,

pp 2013-2027.

BISI 7142

sci/materials

jan 70

399,918

Quality Tests for Oros, Sinters and Pellets,
Part 1, by P. Leconte.
FRENCH, per, C.D.S. Circ., No 10, 1968,
pp 2055-2062.
*BISI 7093

Sci-Mat
Apr 69

**Theoretical Limitation of the Use of Hot Blast Furnaces,
by P. Dancoisne,
FRENCH, per. C.B.S. Circ., No 10, 1968, pp 2187-2215.
BIBI 7408**

**Sci/Mat
Aug 70**

Some Applications of the "Quantimet" Quantitative
Microscope, by R. Roche,
FRENCH, par. C.D.S. Circ., No 10, 1968, pp 2283-2305.
BISI 7320

Sci/Mat
Apr 70

405,811

Research into the Optimal Characteristics of
Construction and use of the Copper Stove,
by C. Holstein.

FRANCE, per, C.B.S. Circ., No 11, 1968,
pp 2419-2449.
BISI 7168

sci/ materials
oct 69

395,287

Study of the Changes in the Nitrogen Content of
the Metal Between the Melt Mixer and the Casting
of the Steel in the Basic Bessemer Process, by
R. Hoff, et al.
FRENCH, per, C.D.S. Circ., No 11, 1968,
pp 2451-2483
BISI 7118

sci/ materials
sept 69

390,958

Commission on Oxygen Steelworks Review of
Different Studies Undertaken by the Technol-
ogy Sub-Commission with Disc, By C Roederer
FRENCH, per, C.D.S. Circ.1968, Vol 11
pp. 2485-2495
BISI 7290

Sci/Mat
NOV69

396,069

Duration of the Life Of Nozzles of Oxygen Lances.
Theoretical Observations, by Ph. Cesselin.
FRENCH, per, C. D. S. Circ, No 11, 1968,
pp 2497-2503.
*BISI 7327

Sci/Materials
Jun 69

384,498

Oxygen Steelworks Commission, by G. Hallet.
FRENCH, per, C.D.S.Circ., No 11, 1968,
pp 2505-2510.
BISI 7174

sci/ materials
sept 69

390,925

Production of Special Steels by the Linz-Donawitz
Process, by G. W. Borthwick.
FRENCH, per, C.D.S. Circ., Vol 25, No 12, 1968,
pp 1687-1694.
*BISI 8997

sci/mst
feb 71

Problems in the Tapping of Metal and Slag,
by V. Etorre.
FRENCH, per, C.D.S. Circ., No 12, 1968,
pp 2629-2661.
BISI 7116

Sci-Mat
June 69

382,855

Present State of Theoretical Knowledge of Red
Fume, by N. Meysson, T. Waldenstrom.
FRENCH, per, CDS Circ, Vol 25, No 12, 1968,
pp 2663-2673.
BISI 7488

Sci/Chem
May 70

406,763

Production of Special Steels by the Linz-
Donawitz Process, by C.W. Borthwick,
FRENCH, per. C.D.S. Circ., Vol 25, No 12,
1968, pp 2687-2694.
BISI 8996

Aug 71

Study on a Model of the Charging of Blast Furnaces.
Considerations Concerning Variable Geometry Throats,
by J. P. Liron.
FRENCH, per, C.D.S. Circ, Jan 1969, pp 145-179.
BISI 7778

Sci-Mat
June 70

Influence of Niobium on the Properties of a Killed
A52 Steel, by G. Sans, M. Grumbach.
FRENCH, per, Centre Doc Sider Circ, No 1, 1969,
pp 237-266.
BISI 7654

Sci-Mat
June 70

A Mechanised Train for the Inspection and
Finishing of Semi-Products, by H. Azemar.
FRANCI, per, C.D.S. Circ., No 2, 1969,
pp 467-475.
MSI 7506

sci/ materials
sept 69

393,060

Radio-Tracer Study of the Solidification Process
in Industrial Ingots, by A. Kohn, et al.,
FRENCH, per. C.D.S. Circ., No 2, 1969, pp 543-550.
BIBI 7781

Sci/Mat
Apr 70

405,821

Granulation of Blast Furnace Slags, by P. Javelle,
FRENCH, par. C.D.S. CIRS., No 3, 1969, pp 689-713.
RIBI 7780

Sci/Mat
May 70

Influence of Conditions of Granulation on the
Hydraulic Properties of Granulated Slag, by
M. Demarets,
FRENCH, per. C.D.S. Circ., No 3, 1969, pp 727-754.
RIMI 7776

Sci/Mat
Mar 70

Note on Refractory Wear Problems in Blast Furnaces
Due to the Presence of Alkaline Compounds,
by L. Hahn,
FRENCH, per. C.D.S. Circ., No 4, 1969, pp 955-964.
BIBI 8003

Sci/Mat
May 70

Refractories and Vacuum Treatment of Steel, by
L. Habbe.
FRENCH, per, C.D.S.Circ., No 4, 1969, pp 1001-
*HISI 8004

sci/materials
feb 70

First Practical Results of Gamma-scopic in
Industrial Use, by J. Pachter, et al.
FRENCH, per, C.D.S. Circa, No 4, 1969,
pp 1051-1071.
HISI 8099

sci/mat
Feb 71

Carbon Monoxide as Toxic Gas, by E. Baslin,
FRENCH, per. C.D.S. Circ., No 5, 1969, pp 1237-1248.
BIBI 8026

Sci/Mat
May 70

Pelletization of Iron Ore, by M. Boucraut,
FRENCH, per. C.D.S. Circ., Vol 26, No 7/8,
1969.
BISI 8133

Sci/Mat
Sep 70

Moisture Control of a Sinter Mix by a Neutron
Retrodiffusion Probe, by M. Espalding, et al.
FRENCH, par, C.D.S. Circ., No 7/8, 1969,
pp 1733-1746.
BISI 8164

sci/mat
Feb 71

Controlling the Sulphur Content of Steel in the
L/D Plant of Cockerill-Ougree-Providence in Searing
Commission of Oxygen Steelmills, by L. Hannon and
P. Dauby,
FRENCH, per. S.D.S. Circ., No 7/8, 1969, pp 1761-1780.
BISI 8166

Sci/Mat
Aug 70

Basic Bessemer Steelworks Committee the Treatment
of Hot Metal by Blowing or Bubbling Argon into the
Furnace or Ladle, by J. Diardonne.

FRENCH, par, C.D.S. Circ., No 708, 1969, pp 1781-
1821.

BISI 8114

Sci-Mat

Use of Statistical Methods for the Dynamic
Study of the Blast Furnace, by J. C. Cochery,
FRENCH, per. C.D.S. Circ, No 9, 1969,
p 1965.
BISI 8294

Sci/Mat
Sep 70

Basic Bessemer Commission, by D. Mansuy.
FRENCH, par, G.D.S. Circ, No 9, 1969, pp 2015-2036.
BISI 8151

Sci-Mat
June 70

Forged-Steel Rolls for Roughing Mills, by
A. Barbeyrac and A. Spasski,
FRENCH, per. C.D.S. Circ., No 9, 1969,
pp 2037-2046.
BISI 8278

Sci/Mat
Feb 71

Water Test Reactivity and Steel Making Reactivity
of Steel Works Lime, by D. Mansuy,
FRENCH, per. C.D.S. Circ., Vol 26, No 9, 1969,
pp 2047-2062.
*BISI 8151

Sci/Mat
Apr 70

Finishing and Intermediate Rolls for Rolling
Mills for Special Steels, by L. Lestrat,
FRENCH, per. C.D.S. Circ., Vol 26, No 9, 1969,
pp 2063-2078.
BISI 8291

Jun 71

Study of Graphite Building in Coke Plants,
by C. Moltzheim,
FRENCH, per. C.D.S. Circ., No 11, 1969,
pp 2451-2460.
BISI 8425

Sci/Mat
Sep 70

Irsid-Cafl Gas Recovery System
Without Combustion, by A. Maubon.
FRENCH, per, Centre de Documentation
Siderurgique. Circulaire d'Informations
Techniques, No 11, 1969, pp 2473-2481
NTC 72-60111-13H

June 72

Visualization of Surface Defects at High
Temperature, by J. F. Pigne,
FRENCH, per. C.D.S. Circ., No 11, 1969,
pp 2483-2492.
BISI 8507

Sci/Mat
Oct 70

Measuring the Temperature of Liquid Steel Using
the Thermocouples with Interchangeable Tips, by
J. Burton.
FRENCH, per, C.D.S. Circ. No 11, 1969, pp 2493-
2518.
HISI 8425

sci/mat
jan 71

Collection and Utilization of Economic
and Technical Data Necessary to Evaluate
the Efficiency of Plant Transportation and
Handling to Recommend Cost Reduction Schemes
and to Promote Accurate Cost Accounting,
by Bey,
FRENCH, per. C.D.S. Circ., No 11, 1969,
pp 2519-2549.
BISI 8520

Sci/Mat
Sep 70

The Pearlitic Clinking of Special Steel Ingots,
by R. Tricot,
FRENCH, per. C.D.S. Circ., No 12, 1969,
pp 2675-2694.
BISI 8252

Ultrasonic Determination of the Size of
Defects in Forgings, by F. Michalski,
FRENCH, per. C.D.S. Circ., 1969, pp 2695-2718.
BISI 8652

Sci/Mat
Feb 71

Design, Construction and Operation of Automatic
Charging Devices for Homecourt Blast Furnace
Number 7, by F. Charpy,
FRENCH, per. C.D.S. Circ., Vol 286, Jan., 1970,
pp 239-248.
BISI 8648

Sep 71

Cost Analysis in the Steel Industry,
FRENCH, per. C.D.S. Circ., Jan., 1970, pp 249-
278.
BISI 8852

Technological Aspects and Techniques of Using
High Top Pressure in the Limits of the Sus-
tained Speed of Blast Furnace Number 1 at
Thionville, by C. Barbier,
FRENCH, per. C.D.S. Circ., Vol 27, No 2,
1970, pp 435-454.
BISI 8869

The Continuous Automatic Measurement of the
Moisture and the Ash Content of Coals, by
R. Busso and B. Bouchiz,
FRENCH, per. C.D.S. Circ., Mar., 1970, pp 689-
701.
BISI 8880

A Literature Survey of Quality Tests for Ores,
Agglomerates and Pellets, by M. Boucraut and
R. Rochas,
FRENCH, per. CDS Circ., Vol 27, No 4, 1970,
pp 945-978.
BISI 8587

Jul 71

Contribution to the Study of the Mechanism of
Refining in the Midst of a Metal-Slag Emulsion,
by P. V. Riboud,
FRENCH, per. C.D.S. Circ., No 4, 1970, pp 987-
998.

BISI 8990

June 71

Charging Tests At No. 1 Blast Furnace at
Thionville Using Different Qualities of Sinter
by C. Barbier,
FRENCH, per. CDS Circ., No 5, 1970, pp 1239-
1248.

BISI 9388

WTC 72-60325-11A

Mar 72

Magnesite Linings for Oxygen Converters,
by M. Zoglmayr,
FRENCH, per. CDS Circ., No 5, 1970, pp 1273-
1283.

BISI 9389

NTC 72-60134 -13H

Jan 72

The Slide Gate Nozzle, by E. Meier,
FRENCH, par. C.D.S. Circ., Vol 6, 1970,
pp 1507-1526.
NIST 8771

Sci/Mat
Feb 71

Operating Results from a Heavy Plate Mill,
by J. Bouvard,
FRENCH, per. CDS Circ., Vol 27, No 6, 1970,
pp 1537-1545.
BISI 9512

Feb 72

The Solling of Parallel Beams on a Standard
Mill Without a Universal Stand, by
F. Hubert and J. Paschke,
FRENCH, per. G.D.S. Ciru., No 6, 1970,
pp 1547-1558.
•BISZ 9019

Mar 71

H. Muller

The beam mill stands of arbed-differdange and the
rapid roll change system

FRENCH, per, CBS Circ, No 7&8, 1970, pp 1785-1812
BTST 9924

may 72

Lecrivain, L.

Commission on Refractory Products. C. 78

-Formation of Strains in Refractory Masonry.

CENTRE DE DOCUMENTATION SIDURGIQUE. CIRCULAIRE
D'INFORMATIONS TECHNIQUES, Vol 28, pp 2065-2086,
1971.

72-60925-11F

Feb 73

Problem of Hoods.
FRENCH, per, CDS Circ., Vol 28, No 10, 1971,
pp 2233-34.
BISI 10662

Nov 72

L. Vroman

Description of the Hot Metal Runners of

Sidmar Blast Furnaces

C.D.S. CIRC., 1972, No 29, Vol 1, pp 169-187

BISL 10367

Feb 73

The LMB-Process, by F. Leroy.
FRENCH, per, C.I.D.S. Circ., Vol 29, No 3, 1972.
PP 739-751.
BISI 10624

Nov 72

Request Translation check for info only 30-10-15

List of projects of Laboratory of Aerospace Medicine
no author (Subjects of Tech Repts and Pubs)

CENTRE D'ESSAIS EN VOL. LABORATOIRE DE MEDECINE AEROSPAT

1. "Liste des Travaux Effectues par le Laboratoire de
Medecine Aerospatiale ayant fait l'objet d'un
Rapport Technique." 1957 a Juin 1969. Pub Jun 69
24 pages *French*

2. ~~"Liste des Travaux effectués dans un Publication ou
d'une conférence 1964-1968. no par date given."
24 pages~~

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*HT-23-619-69 neg
- 47205-69*

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Role of Hydrogen on Cracking by Stress Corrosion of
Austenitic Steels in Chloride Solutions, by J. P. Fidalis
FRENCH, rpt, CEA, Centre D'Etudes de Bruyeres-la-Chatel,
1970, pp 1-24.

*NBS/NBS TT 71-55338
Available NBS Only

July 71

Second Experiment on Living at Saturation of
81 Bars in Oxyhelium, by J. Chouteau, 55 pp.
FOR OFFICIAL USE ONLY
FRENCH, per. Centre d'Etudes Marines Avancees
(CEMA). Report on Physiologica Studies,
Report No 6/69 CEMA, 20 May 1970.
NAVSHIPS Trans No 1275-72

May 72

Centre d'ETUDE de Energie
Nucleaire (Belgium)

Agency: AEC/Wash., D.C.
P.O. No. WA-1660-70; #303

R-11154-0
16 December 1969

Title: RAPSODIE

Author:

Source: Centre d'Etudes Nucleaires

Language: French pp. 43

Special Instructions: Please translate and type one
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Agency: AEC/Wash., D.C.
P.O.No. WA-1660-70; #303

R-11153-5
16 December 1969

Title: FORTISSIMO

Author: Bureau de Documentation

Source: Centre D'Etudes Nucleaires de Cadarache

Language: French

pp. 26

Special Instructions: Please translate and type one
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Partial Examination of the P2 Code Simulating
the Dynamic Behavior of a Reactor With the Help
of the Results Obtained on the "Rapsodie"
Engineering Mock-Up, by M. Jallade, 25 pp.
FRENCH, per, Centre d'Etude Nucleaires,
rpt PNR/SEPR/65,003/MJ/MJ, 14 Jan 1965.
AEC EURFNR-24P

327,835

Sci - Nuclear Science
Jun 67

Rhapsodie Fuel Handling. First Series of Tests
in Sodium of the Cask Car on the Reactor Vessel
Mock-Up, by L. Thevenot, 23 pp.
FRENCH, per, Centre d'Etudes Nucleaires,
rpt DRP/SCR-64-001, 26 Jan 1965.
AEC EURFNR-14P

327,828

Sci - Nuclear Science
Jun 67