

Wegener, W.

Investigations of the admissible oxygen flow velocity in
steel pipes from a safety point of view.

STAHL UND EISEN, Vol 24, 1964, pp 469-475

NTC 73-22019-20D

NASA-TTF-14931

EXPERIENCES WITH LONG WORK FORGING MACHINES

HARING WERNER LANGUAGE-GE COUNTRY-AU

STAHL UND EISEN NO 9 23 APRIL 1964 VOL 84 PP
513-

▲
FSTC-HT-23-0552-74

Schaefers, W.

The Estimation of Variations in the Moisture
Ash and Sulphur Content of Blast Furnace Coke.
STAHL EISEN., 1965, Vol.85, No.23, pp.1509-1516
BISI 10567

Pollehn, W.

Acoustic Method for Controlling Blowing Processes in Basic Oxygen Steel Converters.

STAHL EISEN, 1968, Vol.88, No.9, pp.457-9.

BISI 10576

Schwier, F.

The Behaviour of High-Strength Steel Wire under Multi-Axial Fatigue Stresses.

STAHL EISEN, 1968, Vol.88, No.10, pp.492-499.

BISI 6733

The loading of rolled products at marine ports
STAHL EISEN, 1968, Vol. 88, No. 17, pp. 956-7
BISI TTT59

june 73

Study of the Distribution of Lead in Free-Cutting Steel
Containing Sulphur and Lead, by H. Mayer.
STAHL EISEN, 1968, Vol 88, Dec. 26, pp 1445-9.
BISI 11101

April 73

WYSZKOWSKI, J.

//STAHL EISEN//

--/--/1969, V0089, W0014,

*Distribution of aluminium nitrides in unalloyed
medium carbon steels*

pp 768-772, BISI 12366##

Langhammer, H. J.

Experiments in the continuous desulfurization
of pig iron

STAHL UND EISEN, Vol 89, 1969, #4, pp. 776-
780

HB 8715

may 73

Weidermuller, C. et al.

Testing refractory materials in semi-industrial
experimental plants.

STAHL EISEN, 1970, Vol. 90, No. 1, pp. 13-20.

*BISI 11224

Weigel, U.

The Testing of Very Fine Sheet and Tinplate
STAHL EISEN, 1970, Vol. 90, No. 11, pp 579-586
BISI 10660

BUHLET, H. et al
//STAHL UND EISEN, //
--/--/1970, V0090, N0017,
Possibilities of unfluencing grain size during
hardening from forging temperature
pp 917-922 BISI 12385##

Marciniak, Z.

Experience in Cold Extrusion of Steel Workpieces with a Nutating Die.

STAHL EISEN, 1970, Vol.90, 1 Oct. pp.1077-80.

BISI 11137

SCHMIDT, W.
//STAHL EISEN//
--/--/1971, V0091, N0009,
*Engineering measures to reduce noise in large
plants*
pp 481-487, BISI 12314##

APR 1971.
//STEEL WAS TESTED//
--/--/1971, Y0001, H0012,
On Stress Corrosion Cracking of Low-Carbon Steel
Bars for Reinforcing Concrete,
pp 707-717, BSEE Trans. 060900

Wissel, H.

The Employment of Small Computers in the Technical
Sector of an Iron and Steelworks.

STAHL EISEN, 1971, Vol. 91, No. 13, 24 June,

pp. 748-754

BISI 11241

The Use of a Computer for Data Acquisition, Data
Processing: and Automation of Melting Shops, by
R. Dessau, et al.

STAHL EISEN, 1971, No 13, pp 754-60.

BISI 0938

April 73

Gondolf, E.

*Types and properties of coatings for protection against
high-temperature corrosion with particular regard
to applications in gas turbine construction Part II*

STAHL UND EISEN, v. 91, 1971, pp. 885-887

NTC 73-12877-11F

NLL 5207 (1626)

K. HUBER

Detection of Weak Points and Elimination of Their
Causes in the Planned Maintenance of Iron and Steel-
work.

STAHL UND EISEN, Vol 91, pp 961-966, 1971.
BISI 10558

Mar 73

Masuhr, H.

*Briquets made from lime-flux mixes for accelerated
slag building*

STAHL UND EISEN, v. 91, 1971, pp. 1105-1109

HB-8686

S. K. Sengupta

Investigations Into the Crushing and Sizing of
Run-of-Mine Ores.

STAHL EISEN, No 91, Oct 14, 1971, pp 1188-1190.
BISI 10009

Aug 73

H. K. Velljoh, et al

The Supply and Use of Water in the Iron and Steel Industry.

STANL EISEN, ~~W~~W22, WJ21, 1971, pp 1270-1279.
BISI 10331

Aug 73

R. KRACKE

The Couple-Motion Weighing of Railway Wagons.
STAHL UND EISEN, Vol 91, pp 1323-1327, 1971.
BISI 10165

Mar 73

Schmidt, W.

Constitution of Solid Drawing compounds and
Requirements to be Met by Solid Lubricants
During Wire Drawing.

STAHL UND EISEN, Vol.91, 1971, No.24, pp.1374-
1381.

HB 8673

Friedl, R.

The Optimum Control of Energy Supply in Steel Works.

STAHL EISEN, 1971, Mar. 4.

BISI 11484

Zepter, K.H.

The Ore Trans-Shipments Plant Europort-Election
and Operational Experiences.

STAHL EISEN, 1972, Vol. 92, No. 3, pp.93-101

BISI 10566

K. Meyer
Raw Materials for the Production of Nickel and Pro-
cesses Used for it, by K. Meyer.
STAHL-EISEN, 1972, Vol 92, No 3, pp 113-120.
BISI 10783

April 73

Kahlhofer, G.

Present Position and Development Trends in the
Lining of Larger German and Dutch Blast Fur-
naces.

STAHL UND EISEN, Vol. 92, No.4, pp.137-143,
1972.

HB 9079

Gugel, E., et al.

Investigations of the Scorification of Silicon-
Carbide Materials in the Blast Furnace

STAHL EISEN, 1972, Vol 92, No. 4, pp 144-49

BISI 10671

Kunkele, R. et al

Use and Properties of Refractory Materials in
High-Temperature Hot Blast Stoves.

STAHL EISEN., 1972, Vol.92, No.4, pp.149-154.

BISI 10327

Tomsu, F. et al

Thermo-Mechanical Behaviour of Silica Bricks
in Hot Blast Stoves.

STAHL EISEN, 1972, V.92, N.4, pp.157-61.

BISI 10328

Funke, P. et al.

Controlling Recrystallization of A Killed Low-Carbon
Steel by Means of A Preceding Tempering Treatment

STAHL-UND EISNE, 1972, 92, (5), pp 181-185

BISI-10510

P. Funke et al

Effect of High Rates of Heating and Cooling on the
Strip Properties in the Process-Annealing of Plain
Rimming-Steel Cold Strips, by P. Funke et al.

STAHL EISEN, 1972, Vol 92, No 5, pp 186-95.

BISI 10344

April 73

Reihlen, H.

Estimation of the Heat Balance of a Twenty
Roll Cluster Mill.
STAHL U EISEN, Vol.92, pp.204-208.
BISI 10370

Buhler, H.

Difficulties Inherent in the Manufacture of
Ausformed Forgings and How To Overcome Them.

STAHL UND EISEN, Vol.92, 1972, No.5, pp.209-
211.

HB 8757

Schmidt, W.

Present Situation and Future Tasks as Regards
Noise Abatement in the Steel Industry
STAHL EISEN, 1972, Vol 92, No. 6, Mar. 16,
pp 238-45
BISI 11124

Klammer, H.

General Principles for the Selection of the
Heating Installation and the Construction of
Galvanising Furnaces.
STAHL UND EISEN, 1972, Vol.92, No.10, 11th
May pp.439-445.
BISI 10731

Ito, M.

Maintenance and Modernization of the 68" Hot
Strip Mill At Keihin.

STAHL EISEN, 1972, No.10, pp.456-459.

BISI 11107

Haucke, M. et al

Protection of Water Courses Against Pollution
and Solid Waste Disposal in the Steel Industry.
STAHL EISEN, 1972, Vol.92, No.12, pp.565-575.
BISI 10639

Influence of Secondary Screening of Hot Return Material
on the Operating Results of a Sinter Plant, by K. V.
Haverkamp.

STAHL EISEN, 1972, Vol 92, No 13, June 15-22.

BISI 10787

April 73

Obst, K. -H.

Borates as Fluxes in Steelmaking.
STAHL UND EISEN, Vol 92, p. 260-262, 1972
HB-8765

may 73

Vom Ende, H.

Relationships in the operation of large basic oxygen
ld furnaces and continuous casting plants.
STAHL UND EISEN, Vol 92, p. 329-334, 1972
HB-8770,

may 73

Transport Systems Today and Tomorrow, by E. Bahke.
STAHL EISEN., 1972, Vol 92, No 8, pp 357-64.
BISI 10506

April 73

G. ALICH

Maintenance and Modernisation of the Kethin 68" Hot
Strip Mill.

STAHL UND EISEN, Vol 92, No 10, pp 456-459, 1972.
BISI 10514

Mar 73

Langhammer, H. J.

Development of a continuous meltdown process.
STAHL UND EISEN, Vol 92, p. 501-518, 1972
HB-8837

may 73

Kottsieper, H. et al

Plant Monitoring by the Centralised Recording
and Analysis of Data and Measured Values.
STAHL UND EISEN, 1972, Vol. 92, No. 11, May
25th, pp.528-544.

WBI 11580

Theobald, W.

Protection of Water Resources and Clean Air
in the Steel Industry.

STAHL UND EISEN, vol. 92, 1972, No. 12, pp.584
599.

HB 8870

Bolbrinker, A.

Temperature and Expansion Measurements on an 80
P Hot Metal Ladle.

STAHL EISEN, 1972, June, pp.613-620.

BISI 11109

Waburek, H., et al.

Procedures and Practices for the Consignment and
Storage of Hot-Rolled Products Demonstrated Using
the Example of Merchant Bar, Plate and Wire-Rod
STAHL EISEN, 1972, June, pp 620-628
BISI 10725

SCHULZE, D.

//STAHL EISEN//

--/--/1972, V0092, N0013,

*Contribution to the problem of optimizing the
blast furnace process*

pp 629-637, BISI 11899##

Kreutzer, H. W.

Arc furnaces in Austria, Benelux and Nordic countries,
and West Germany.

STAHL UND EISEN, Vol 92, p. 637-639, 1972.

HB-8840

may 73

Rubisch, O.

Burn-Off Protection of Graphite Electrodes
STAHL EISEN, 1972, Vol 92, No. 14, pp 689-98
BISI 10640

H. W. Kreutzer

Vacuum Treatment of Molten Steel

STAHL EISEN, Vol 52, No 15, 1972, pp 710-24.

DISI 10077

Sept 73

Kosmider, H.

New production processes of special steels.

STAHL UND EISEN, 1972, p. 784-789, v. 92.

HB-8841

SCHENK, H.
//STAHL. UND EISEN//
17/08/1972, V----, NC017,
Technical and Economic Possibilities of the Continuous
Steel Casting Process for the Production of Semi-
Finished Products with Particular Attention as to
the In-Works Processing Costs,
IP 831-840, DLR 1033000

Fischer, P.

New Developments and Techniques in Single
Screw Extrusion.
STAHL UND EISEN., 1972, Vol. 92, pp.840-43.
#BISI 11567

Mollers, K.H.

Review of the Possible Growth of Containerised
Transport in Metallurgical Works.
STAHL EISEN, 1972, Vol. 92, Aug., pp.840-843.

BISI 11578

Funke, P.

The Adherence of Zinc Coatings on Hot Dip Gal-
vanised Steel Wire.

STAHL U. EISEN, 1972, Vol.92, No.18, pp.867-73.

BISI 12008

Process Technology and Metallurgy of the Special
Processes for the Manufacture of High-Quality Steels,
by M. Wahlster and H. Spitzer.
STAHL UND EISEN, Vol 92, 1972, No 20, pp 961-972.
HB-8880

April 73

Properties of Special Constructional Steels Manufactured by Special Melting Processes, Including Steels for Forgings, by E. Plockinger.
STAHL UND EISEN, Vol 92, 1972, No 20, pp 972-981.
HB-8881

April 73

Randak, A. et al

Properties of Tool Steels and Antifriction Bearing Steels Made According to Special Melting Processes.

STAHL EISEN, 1972, Vol.92, No.20, pp.981-993.

WBI 11566

Hettingger, J.

Salient Points of Ironic Analysis in the Steel Industry.

STAHL EISEN, 1972, Nov., No. 9, pp.1165-1169.

*BISI 11439

Properties of Stainless Steels and High-Temperature
Strength Alloys Produced by Special Melting Processes,
by H. Spitzer.

STAHL UND EISEN, Vol 92, 1972, No 20, pp 994-1002.
HB-8882

April 73

A Kugler et al.

Effect of molybdenum content of austentic stainless
steels on seawater corrostion resistance in field
tests on the island of heligoland
STAHL AND EISEN, Vol. 92, pp. 1026-1030 (1972)
BISI Trans. 11022

W. Fricke

Effect of Silicon and Manganese in Plain Carbon
Steels on the Weather Rate in Air and Sea Water.
STAHL EISEN, Vol 92, No 21, 1972, pp ~~XXXX~~ 1044-48.
DIST 11102

Sept 73

Furke, P.

Effect of different rolling conditions in a hot rolling mill for wide strip on the surface on the rolls and of the rolled product.

STAHL UND EISEN, Vol 92, 1972, pp 1113-1122

NTC 73-14025-13H

A. Kuske

The Effect of Load Application to the Roll
Neck on Notch Stresses at the Neck/Barrel
Transition Region on Optimization Test.
STAIL EISEN, Vol 22, Oct 25, 1972, pp 1120-31.
DIST 11121

Sept 73

Schwenk, W.

General and Local Corrosion of Steels in Different Kinds of Water.

STAHL EISEN., 1972, 12th Oct., 1021-6

BISI 11181

Effect of Molybdenum Content of Austenitic Stainless
Steels on Seawater Corrosion Resistance in Field Tests
on the Island of Heligoland, by A. Kugler, et al.
STAHL EISEN, 1972, Vol 92, Oct. 12, pp 1026-30.
BISI 11022

April 73

Goossens, W.

The Hot Briquetting of Bituminous Coals According to
the "Ancit" Process, and Smelting Tests in the Blast
Furnace

STAHL UND EISEN, v. 22, 1972, p. 1039-1044

ETC 73-11610-21D

HB 8912

Friehe, W.

The effect of Si and Mn in carbon steels on
the weathering rate in air and sea water.

STAHL EISEN, 1972, v92, no21, pp1044-46

*BISI 11182

Recent Developments in the Production and Processing
of Hot Briquets and Formed Coke, by O. Därmann and
K. D. Haverkamp.
STAHL UND EISEN, Vol 92, 1972, No 2, pp 1046-1048.
HB-8924

April 73

Von Bogdandy, L.
Development Trends in the Iron and Steel Industry
STAHL EISEN, 1972, 26 Oct. pp 1069-1077

ABISI 110405

July 1973

Decker, A. et al

Injection of Reformed gases into the Blast Furnace
Stack as a Means of Reducing Coke Consumption
STAHL EISEN, 1972, 26 Oct pp 1077-1084

*BISI 11406

July 1973

Treatment of Pig Iron with Lime and Natural Gas for
Lower Sulfur and Nitrogen Contents, by U. Nülle,
U. Plückhoff and P. Strohmenger.
STAHL UND EISEN, Vol 92, 1972, No 22, pp 1085-1090.
HB-8944-I

April 73

Haverkamp, K.D.

General Discussion of Treatment of pig iron with
lime and natural gas for lower sulfur and nitrogen
contents.

STAHL UND EISEN, vol. 92, 1972, #22, pp. 1090-1093
HB 8944-II

may 73

Schrott, R.

Treatment of hot metal desulfurized with lime and
natural gas in the LD-AC basic Oxygen process.
STAHL UND EISEN, vol. 92, 1972, #22 pp.1094-1098
HB 8911

may 73

Investigation of the Surface Quality of Finished Rolled
Products, by J. Neuhauss, et al.
STAHL EISEN, 1972, Vol 92 No 22, pp 1106-1113.
BISI 10948

April 73

Funke, P. et al

Effect of Different Rolling Conditions on the
Rolls and on the Rolled Product in a Hot Rol-
ling Mill for Wide Strip.
STAHL EISEN, 1972, Vol. 92, No.22, pp.1113-22.
BISI 10952

Safety Techniques in Heating and Processing Plants
of the Steel Industry, by H. G. Carl.
STAHL UND EISEN, Vol 92, 1972, No 22, pp 1132-1136.
HB-8910

April 73

Schulz, G.

Characteristics of noise pollution and its abatement at the workplace.

STAHL UND EISEN, vol. 92, 1972, #23, pp. 1170-1173

HB 8926

may 73

Eickelpasch, D.

Dust Nuisance and Methods of Dust Elimination
in the Steel Industry, Also Examples of Re-
medial Measures.

STAHL UND EISEN, vol. 92, 1972, No. 23 pp.1174
-1179.

HB 8927

Schulz, D.

The Effect of Injecting Fuel Oil on the Operation of the Blast Furnace.

STAHL EISEN, 1972, Vol.92, No.23, pp.1179-1188.

BISI 10987

Pawelski, O

Studies on the Straightening of Steel Wire by
Means of a Roller Straightening Machine.

STAHL EISEN., 1972, Vol. 92 No.24, pp.1215-23.

#BISI 11667

Schmithals, P.U.

Development Trends in the Steels Finishing Industry.

STAHL EISEN, 1972, Vol. 92, Dec. 7, pp.1264-1271.

BISI 1185

Billen, M.H.

Improvements by extending a one-heat section
mill and using a computer.

STAHL EISEN, 1972, v.92, n.20, pp1319-1332.

BISI 11237

Schuy, K. D.

Mass spectrometric process gas analysis in the
iron and steel industry.
STAHL UND EISEN, vol. 92, 1972, #25, pp. 1278-1283
HB 8945
*BISI 11409

may 73

Rubel, K.

Process for preheat coking coal in the USA and
Great Britain.

STAHL EISEN, 1972, Vol. 92 No.25, pp. 1283-
1286.

*BISI 11225

Engel, K. et al
Results of Gas Flow Measurements in Blast Furnaces
with Sinter and Pellet Burdens
STAHL EISEN. 1973, 4 Jan, pp 1-8

q/BISI 11404

July 1973

Zitter, H.

Effects of Errors in Production and Analysis
in Steel, Manufacture and Acceptance.
STAHL EISEN, 1973, Jan, Pp.18.

*BISI 11504

DORR. W.
//STAHL EISEN//
25/04/1973, V----, N----
Spectrochemical analysis with a glow discharge
lamp as light source
pp 1-14 *BIS1 12615##

Bredehoff

Loss of Pressure and Optimum Size of Coke Lumps
- Blast Furnace.

STAHL EISEN, 1973, Jan. pp.61-.

*BISI 11433

Sugasawa, K.

Japanese Blast Furnace Trials with Formed
Coke.

STAHL UND EISEN, vol. 93, 1973, No.1, pp.24-
31.

HB 8967

Bredehoft, R.

Loss of Pressure and Optimum Size of Coke Lumps
Used in the Blast Furnace Process.
STAHL EISEN., 1973, Vol.93, No.2, pp.55-60.
BISI 11433

Zitter, H. et al

Effects of Errors on Production and Analysis
in Steel Manufacture and Acceptance.
STAHL U. EISEN, 1973, Jan No.2, pp.61-68.
BISI 11607

Burow, K.

Monitoring Leaks in Blast Furnaces

STAHL EISEN, 1973, 93 18 Jan. pp 68-70

9 BISI 11430

July 1973

Heller, W.

The Manufacture of Rails in the USSR.
STAHL EISEN., 1973, Vol.93, No.2, pp.72-75.

*BISI 11649

FELDMAN, U.

//STEEL EISEN//

---/---/1978, W0000, H0000,

Metallurgy of the Production of Low-Nitrogen Steel
in the Oxygen Converter Steel Plant,
BY 05-02, BMMI 173560

Haastert, H.P. et al

Production of Titaniferous Pig-Iron with Low
Nitrogen Content.

STAHL EISEN, 1973, Vol.93, No.3, pp.93-99.

BISI 11355

Haastert, H.P.

Treating titaniferous pig iron in the oxygen
converter for producing low-nitrogen steel.

STAHL EISEN, 1973, Vol.93, No.3, pp.100-107.

BISI 11348