

Ponomarenko, E.P. et al

Effect of Technology on the Processes of chromizing and Rolling Slabs.

STAL', 1973, No.9, pp.818-820.

BISI 12019

Orlov, S.I.

Drawing Parts with Removal of Residual Stresses
STAL', 1973, No.9, p. 829
BISI 12022

Korobeinik, V.V. et al

Metal Working and Heat Treatment.
STAL', 1973, No.9, pp.830-832.

BISI 12023

PALATNIKOVA. E. S.

//STAL//

--/-/1973, V----, N----

The long time strength of grades 12Kh1MF and
15Kh1MF steel boilertubes

pp 835-836 C. E. Trans 12024##

Kapustin, E.A. et al

Heat Engineering.

STAL', 1973, No.9, pp.843-849.

BISI 12025

Semenov, A.I.

Strength Properties of Stabilized Reinforce-
ment Cables and Relaxation of the Stresses in
them.

STAL', 1973, No.9, pp.856-859.

BISI 12026

Krasnozhen, D.E.

The Use of Trilon for Keeping the Inner Surface of Boiler Unit Tubes Clean.

STAL', 1973, No.9, pp.862-864.

BISI 12027

Mager, A.E. et al

Effects of the Teeming Rate and the Composition of the Metals on the Quality of Steel Ingots for Deep Drawing.
STAL', 1973, No.10, pp.888-892.

BIST 12097

NOBLE, A. A.
//SECRET//
---/---
U.S. AIR FORCE, WASHINGTON, D.C.
Collection of Rolling Speeds,
22 006-01, WEST 1200000

SMITHOVICH, T. A.

//SPAD//

---/1972, F---, 19910,

Calculation of the Temperature Field of a Section

Walled During Groove Trans Milling,

by OIT-640, NIST 1016010

GREENBERG, D. L.
//SECRET//
11/11/1972, Bureau, DC, DC,
Get Control of the Thickness of a Zinc Coating,
IN 004-000, SECRET 001010

OSTRO, A. P.

//SEAL//

--/---/1978, V-----, H0010,
Investigation of the Causes of Reduced Ductility
in Rings of 08G1000 Steel,
PP 034-035, BISI 1210200

GARIBOLDI, G. I.
//JTB//
---/1977, 7---, HCCIO,
Improving the Procedure for Determining the Level
of Labor Productivity at Stockholm,
pp 913-916, BISI 1013860

HEBIL'NEKOV, E. A.

//SECRET//

---/---/1973, V-----, KOCLO,

The Ductility of Wire from Carbon Steels,

DP 953-957, BIBI 1810420

CHESNOKOV, N. D.

//STAL//

--/--/1973, V----, NO001

Multi stream casting of steel

PP 991-993 BISI 12130##

RUDNEVA, R.S. ET AL

//STAL'//

--/--/1973,V----,N0011,

Production of balanced steel with a high manga-

nese content,

pp 995-996,BISI 12131@

KABLUKOVSKIY, A. F.

//STEAL//

--/--/1973, V-----, NOC11,

Structure and Non-Metallic Inclusions in Ball

Bearing Steel Ingots,

pp 1000-1000, NISI 1213300

NIKOVAYEV, YE. V. ET AL

//STAL'//

--/--/1973,V----,NO011,

Behaviour of the gases in closed 63 MVA ferro-
alloy furnace,

pp 1011-1012,BISI 12134@

KHARCHENKO, G.N. ET AL
//STAL'//
--/--/1973,V----,N0011,
Improvement on the profile of slabs during
rolling on a slabbing mill,
pp 1021-1022,BISI 12135@

POKATILOV, YU. P.
//STAL'//
--/--/1973,V----,N0011,
Effect of the process equipment on the end
distortion of rails,
pp 1023-1024,BISI 12136@

Grushevaya, T.F. et al

Investigation of Effect of Argon Purity on the
Gas Impregnation of Heated Metal.
STAL', 1973, No.11, pp.1028-1029.

BISI 12137

Posysaev, A.A.

Ways of Improving the Quality of Steel Products.

STAL', 1973, No.11, pp.1036-1037.

BISI 12138

VIDYAIKIN, YU. I. et al
//STAL, //

--/--/1973, V----, N0011

Accounting for the state of open hearth furnaces
and the range of grades of metal in planning

PP 1041-1043 BISI 12139##

STEPIKINA, Z. I.

//STAL, //

--/--/1973, V----- N0011

Automation of control of reparis to open hearth
furnaces

pp 1043-1045 BISI 12140##

Magidson, M.A. et al

Combustion of Separate Flows of Gaseous and
Liquid Fuels in Open-Hearth furnaces.
STAL', 1973, No.11, pp.1046-1047.
BISI 12141

Grinval'd, P.A. et al

Experiences of Two-Stage Gas Purification Be-
yond an Open-Hearth Furnace.

STAL, 1973, No.11, pp.1058-1059.

BISI 12142

WILMINGTON, DE. II.
//SEAL//
---/1972, v---, 19012,
speaking at Over Heart's Holding in the Periods of
Change and Meeting up using the AVTLR (Automatic
Control of Error of Conditions) System,
IN 1901-1902, RMI 102020

IVANOV, N. I.

//STEAL//

--/--/1973, V----, NO012,

Operation of Open Hearth Furnaces with Periodic
Cleaning of the Slag Pockets During a Campaign,
pp 1090-1091, BISI 1220900

VOLKOVA, I. I.
//STAL//
---/1973, V---, NO012,
Material Balances of the Smelting of Different
Types of Ferrosilicon,
RP 1006-1008, BISI 1221000

SMIRER, B. B.
//STAL//
---/1073, V---, N0012,
Melting and Alumina-Containing Semiproduct with a
raised Silica Content by a Continuous Process,
PP 1008-1160, BIST 1221166

migachev. b. a.
//STAL//
--/--/1973, V----, N0012
Temperature speed relationship of the resistance
of metals to plastic deformation
PP 1108-1109 BISI 12212##

DEREVYANKO, V.I. ET AL
//STAL'//
--/--/1973,V----,N0012,
Development of the rolling of a special beam
type section,
PP 1111-1112,BISI 12213@

SHUBIK, M.A. ET AL

//STAL'//

--/--/1973,V----N0012,

Varying the speed of the roll during rolling
on pilger mills,

pp 1118-1120,BISI 12214@

LANSKAYA, K.A. ET AL

//STAL'//

--/--/1973,V----,N0012,

Effects on structure and properties of 12
Kh1MF steel tubes inherited from prior cold
work,

pp 1122-1126,BISI 12215@

Shtansky, V. A.

Determining Investment Effectiveness at Metal-
lurgical Enterprises.

16 pp

STAL', Moscow, No 12, 1973, pp 1130-1136.

JPRS 61476

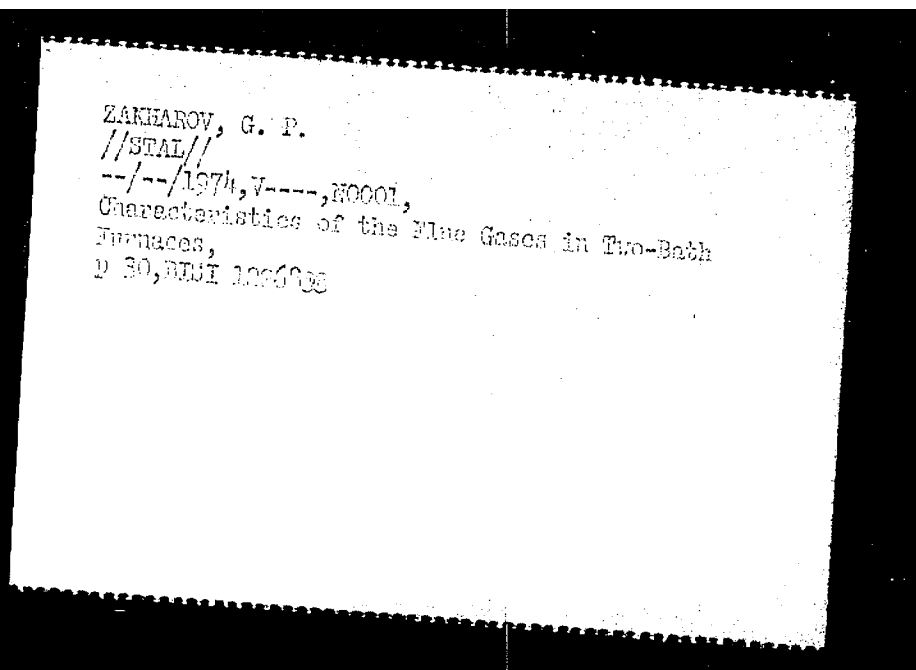
Olefir, V. S.

Indicators Measuring Labor Productivity in Ferrous
Metallurgy Weighed.

5 pp

STAL', Moscow, No 20, 1973, pp 939-941.

JPRS 60803



ZAKHAROV, G. P.

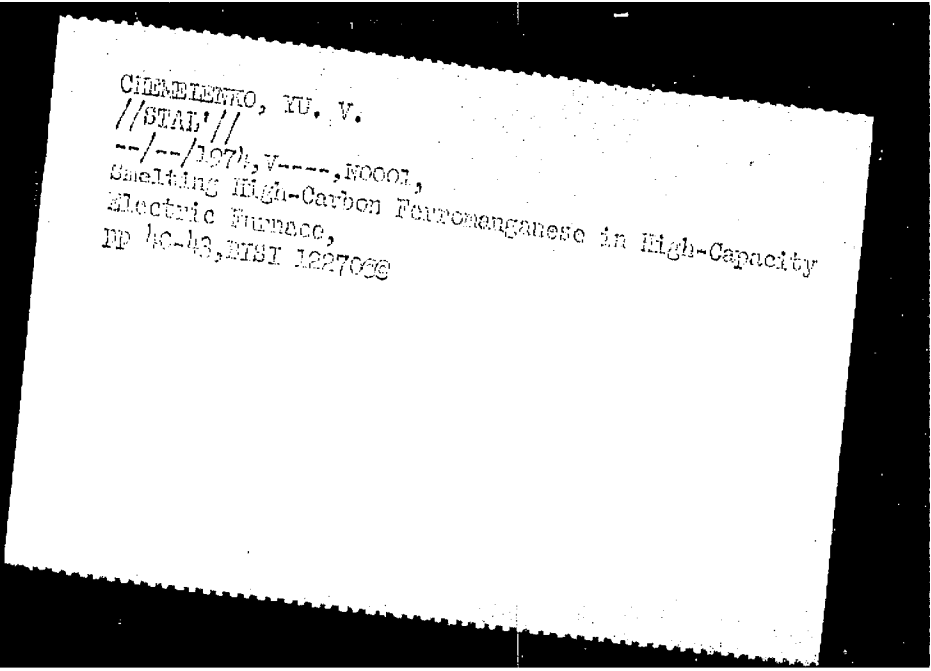
//STAL//

--/--/1974, V----, NO001,

Characteristics of the Flue Gases in Two-Bath
Furnaces,

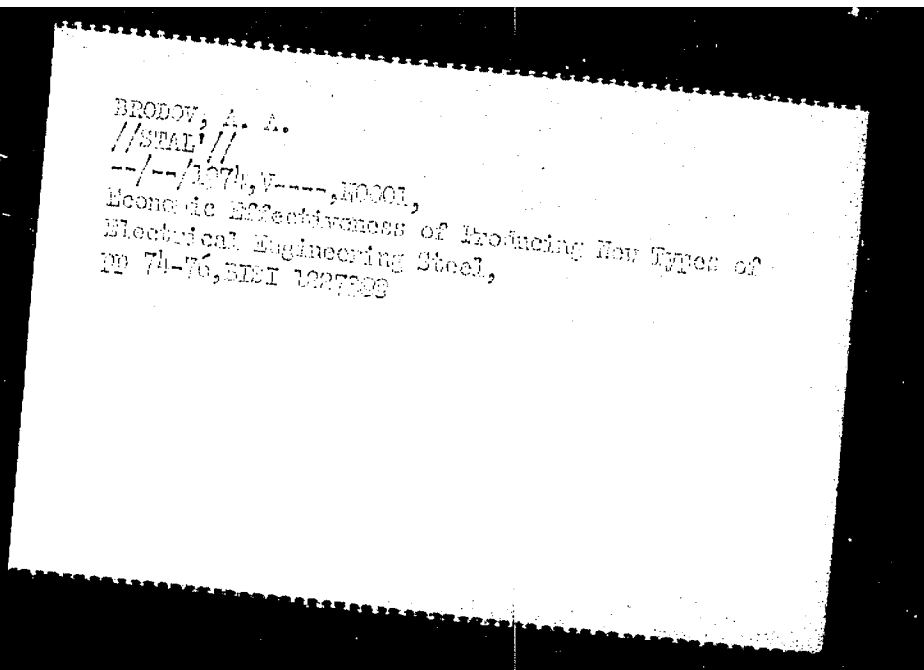
D 30, REJI 122603

KOSOI, L. F.
//STAL,//
--/--/1974, V----,N0001
Influence of charge quality on the mechanical
properties of alloy construction steel
pp 37-39 BISI 12269##



TKALICH K. N.
//STAL,/
--/--/1974, V----,N0001
Variation in the temperature field of a slab
during rolling
pp 52-55 BISI 12271##

POGORZNELSKII, V. I.
//STAL'//
--/--/1974, v-----, HOOOI,
Improvement in the Roll Pass Designs and Draughting
Procedures for the Rolling of Small H-Beams and
Fishplate Strip for Rails,
PP 55-57, BISI 1227200



Zaborov, V. I.

Protecting Workers From Noise in Ferrous
Metallurgy Industry Shops, 12 pp.
STAL', Moscow, No 1, Jan 74, pp 88-92.
JPRS 61579

Apr 74

KAZANTSEV, E. I. et al
//STAL//

--/--/1974, V----, N0002

Investigation of the temperature growth of the
wall lining of blast furnace hot blast stoves
pp 106-108 BISI 12329##

SOROKIN, L. I. et al

//STAL//

--/--/1974, V----, N0002

Continuous monitoring of shell thickness in
the continuous casting of steel

pp 114-118 BISI 12331##

MEDEDEV, V. A.

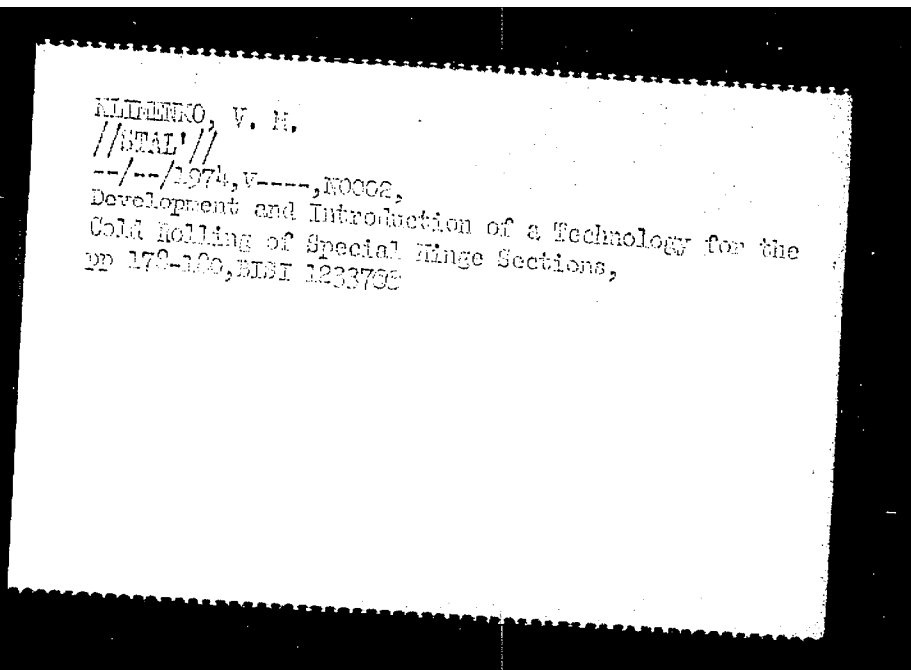
//STEEL//

--/--/1974, V-----, H0002,

Progress in Developing and Introducing New
Technological Processes in Steelmaking to
Improve Steel Quality,
pp 123-125, BISI 1233200

RYTUKOV. A. M. et al
//STAL//
--/--/1974, V----, N0002
Optimization of operating schedules of a tube
rolling unit with a reducing mill
pp 152-156 BISI 12335##
P

TUSHNET, P. V.
//STEEL//
---/---/1974, V-----, NO0002,
Reducing the Hardenability of 55TP Carbon Steel,
MP 166-169, INBI 1333603



DEMIN. G. I. etal
//STAL.
--/--/1974, V----,N0003,
Design and exploitation of oxygen roof lances,
PP 209-213 *BISI 123400@@

CHARIKHOV, L. A. et al
//STAL//
--/--/1974, V----,N0003,
Automatic regulation of the steel level in the
tundish of a continuous steel casting plant,
pp 213-215 *BISI 12401@@

UTKOV. V. A.

//STAL//

--/--/1974, V----, N0003

Strengthening sinter with red mud

pp 397-400 *BISI 12567##

KOSLOV. L. I.

//STAL//

--/--/1974, V----, N0003

Developing of the design of twon hearth
steelmaking furnace

pp 417-422 *B*SI 12569##

MEDVEDEV. V. A.
//STAL//
--/--/1974, V----, N0005
Improvement in metal scrap preparation quality
for steelmaking units
pp 424 *BISI 12570##

RYLAKIN. N. N. et al
//STAL//
--/--/1974, V----, n0005
Plasma processes in the metallurgy of steels
and alloys
pp 425-428 *BISI 12571##

MATVEENKOV. F. I.

//STAL//

--/--/1974, V----, N0005

Production of steel copper sheet composites

pp 435-436 *BISI 12572##

TROITSKII. C. A.
//STAL//

--/--/1974, V----, N0005

The electroplastic stretching and drawing of
steel

PP 450-453 *BISI 12573##

IVANOVA. V. S. et al
//STAL//
--/--/1974, V----, N0005
The ductile fracturing feature of iron as a
function of the formation conditions
pp 454-456 *BISI 12574##

KODESH, K.
//STAL'//

--/11/1974, v-----, NO011, pp 1040-1042
USSR Cooperates With Other CEMA Countries in
Ferrous Metallurgy 6 pp
JPRS 63782
#

S.S. Davydov & A.M. Ivanov, ed.

Steel reinforced polymer concrete construction elements.

RUSSIAN, bk, Stalepolimerbetonnye stroitelnye konstruktsii. Moscow, 1972. 280pp.

*NTIS-TT-73-52003

May 73

Ronchey, Alberto

'La Stampa' Writer Interviews Sakharov Interrogator
Malyarov,

6 pp

LA STAMPA, Turin, 5 Dec 1973, p 3.

JPRS 60960

Haida, A.

Thirty-Second Session of Permanent Commission
of CEMA for Standardization.

6 pp

STANDARDISIERUNG UND QUALITAET, East Berlin,

Aug 1973, pp 337-339.

JPRS 60243

20280

GDR-USSR Cooperation in Standards in 1973
Detailed, 7 pp.
STANDARDISIERUNG UND QUALITAET, East Berlin,
Feb 74, pp 64-67.
JPRS 61665

May 74

Cristescu, Alexandra

Role of Standardization in Construction
Activity, 16 pp.

STANDARDIZAREA ROMANA, Bucharest, No 3,
Mar 73, pp 115-122.

JPRS 59586

Aug 73

Cordasevschi, Alexandru

Measures to Harmonize Romanian and International Standards, 5 pp.

STANDARDIZAREA ROMANA, Bucharest, No 7, Jul 73,
pp 337-339.

JPRS 60959

Jan 74

Tuzu, G.

Development of Standardization Activity Outlined
13 pp.

STANDARDIZAREA ROMANA, Bucharest, Oct 73,

pp 505-511.

JPRS 61709

Jun 74

STANDARDIZATION OF QUALITY STEELS

KAPLAN, A. S.

LANGUAGE-RU COUNTRY-UR

STANDARTIZATSIYA KACHESTVENNOY STALI

"METALLURGIYA", M., '72, PP 349-359

FSTC-HT-23-0028-75

STANDARDIZATION OF MATERIAL PROTECTION AGAINST
BIOLOGICAL DEGRADATION *complete 71pp*

BUGOLYUBOVA, Z LANGUAGE-RU COUNTRY-UR

STANDARTIZATSIYA V OBLASTI ZASHCHITY MATERIAL
OV IZDELIIY OT BIOPOVREZHOENIY

SER. STANDARTIZATSIYA I KACHESTVO PRODUKTSII
V SSSR, MOSCOW, 1972, 97PP

AKG
FSTC-HT-23-1716-73

MEDVEDEV, A. V.
//STANDARTY I KACHESTVO//
--/--/1971, V----, NOCOI
Functions of the plant reliability service in
quality control system 8 pp
pp 50-52, FSTC-HT-23-0962-73##

Derbishcher, A. V.

1,5th Conference on the EOQC at Moscow 10 pp

Standarty I Kachestvo, 1971, No. 3, pp 29-32

ACSI-K-1639

FSTC-HT-23-1076-72

MAKAROV, R.

//STANDARTY I KACHESTVO//

--/--/1971,V----,N0004, pp 40-42

Determination of Time Suitability of Technical
Diagnostics of Construction Machines, 8 pp

ARM/FSTC/HT-23-1944-72

lit

STANDARDIZATION OF PROTECTIVE MINING HELMETS

TRUBNIKOV, YE.,

LANGUAGE-RU

COUNTRY-UR

complete 5/10

STANDARTY I KACHESTVO, '72, #4, 33-34.

FSTC-HT-23-0684-74

TECHNICAL MEANS THAT ENSURE HIGH PHYSICAL AND
MECHANICAL PROPERTIES OF MACHINE

SILAYEV, I., BR LANGUAGE-RU COUNTRY-UR

STANDARTY I KACHESTVO, #5/1972, P 57-60.

FSTC-HT-23-0396-74

YAROSLAV DIESELS MUST BE GIVEN A LONGER LIFE

sp

DOBRYNIN, A. M. LANGUAGE-RU COUNTRY-UR

STANDARTY I KACHESTVO #1 (JAN) 1973, PP 12-15

• MOSCOW

PRM

FSTC-HT-25-1696-73

UNKNOWN
//STANDARTY I KACHESTVO//
--/01/1973, V----, N0001
Agreement 6 PP
PP 16 ARM/FSTC/HT-23-1699-73##

COMPLEX SYSTEM OF PRODUCT QUALITY CONTROL AT
THE YAROSLAV ENGINE PLANT

DOLITSKIY, V. A LANGUAGE-RU COUNTRY-UR

STANDARTY 1 KACHESTVO, #1 (JAN) 1973, PP 23-2
7 MOSCOW

FSIC-HI-23-1700-73

ACCELERATED TESTING OF DIESEL ENGINES FOR REL
IABILITY AND SERVICE LIFE

GRIGORIYEV, M. LANGUAGE-RU COUNTRY-UR

STANDARTY I KACHESTVO, #1 (JAN) 1973, PP 33-3
6, MOSCOW.

FSTC-HI-23-1701-73

COMPLEX STANDARDIZATION OF MATERIALS AND COMP
ONENTS SUPPLIED TO THE YAROSLAV EN
COLETSKIY, V. *complete 7/4/73*
LANGUAGE-RU COUNTRY-UR

STANDARTY I KACHESTVO, #1, (JAN) 1973, PP 36-3
8, MOSCOW

ARA

FSTC-HT-25-1702-73

ENSURING A STABLE LEVEL OF PRODUCT MANUFACTUR
ING QUALITY AT THE YAROSLAV ENGINE

ARSEN'YEV, K. N. LANGUAGE-RU COUNTRY-UR

complete 13 pp

STANDARTY I KACHESTVO, #1 (JAN) 1973, PP 42-4
4, MOSCOW

ARM
FSTC-HH-23-1703-73

INTRODUCING STATISTICAL METHODS OF QUALITY CONTROL AT YANOSLAV ENGINE PLANT *12 pp*

TYURIN, D. ETAL LANGUAGE-RU COUNTRY-UR

STANDARTY I KACHESTVO, # 1 (JAN) 1973 MOSCOW,
PP 52-54.

ARM

FSTC-HI-25-1704-75

Lomazov, M. Ye.

Economic Aspects of Consumer Goods Quality
Discussed.

7 pp

STANDARTY I KACHESTVO, Moscow, No 10, Oct 1973,
pp 63-65.

JPRS 60887

Savin, A. M.

Soviet Support of CEMA's Standardization Program
Outlined.

9 pp

STANDARTY I KACHESTVO, Moscow, No 11, Nov 1973,

pp 9-12.

JPRS 60934

CEMA Standardization in the Past Quarter Century.
5 pp
STANDARTY I KACHESTVO, Moscow, No 3, Mar 74, pp 3-4.
JPRS 62630

Shakhurin, V. N.

Passenger Car Quality Control Considered.
17 pp

STANDARTY I KACHESTVO, Moscow, No 5, May 74, pp 29-
32.

JPRS 62674

Tkachenko, V. V.

Basic Principles, Methods, First Results of
CEMA Standardization Discussed.

8 pp

STANDARTY I KACHESTVO, Moscow, No 6, June 74.

JPRS 62630

Grigor'yev, V. K.

CEMA Standardization in Machine Construction.

9 pp

STANDARTY I KACHESTVO, Moscow, No 6, June 1974,

pp 19-21.

JPRS 62630

Savin, A. M.

Effect of Standardization in Socialist Integration.

6 pp

STANDARTY I KACHESTVO, Moscow, No 6, June 1974,

pp 24-26.

JPRS 62630

SAVICH, N. M.

//STANDARTY I KACHESTVO//

--/--/1974,V----,N0010, pp 0072-0073

Readers' Questions on Payment of Bonuses Answered

5 pp

JPRS 63761

#

State Standardization Plan Disclosed.
10 pp

STANDARTY I KACHESTVO, Moscow, No 11, 1974, pp 3-6.
JPRS 62748

Beloshapko, G. A.

Reciprocity Between Procurators, Standards Offices
Discussed.

5 pp

STANDARTY I KACHESTVO, Moscow, No 11, 1974, pp 71-72.

JPRS 62748

Goldshtein, Ya. E.

The Workability of Steel Alloyed with Trace
Amounts of Selenium and Lead.
STANKI I INSTRUMENT, No. 9, p. 26-28, 1966

NTC 73-10798-11F

may 73

Mitrovich, V. P.

*Wear of machine tool slideways of hardened cast
iron manufacture*

STANKI I INSTRUMENT, n. 7, 1970, pp. 29-31

NYC 72-15140-13 I

Adaptive Control Systems for Digital Programmed
Controlled Machine Tools Planned, by
V. V. Kaminskaya, 8 pp.
RUSSIAN, per, Stanki i Instrument, Moscow, No 3,
Mar 1973, pp 2-4.
JPRS 58992

May 73

Adaptive Control Methods of Improving Machining
Precision Outlined, by B. M. Bazrov, 10 pp.
RUSSIAN, per, Stanki i Instrument, Moscow, No 3,
Mar 1973, pp 8-11.
JPRS 58992

May 73

Adaptive Control of the Gear Grinding Process
Described, by Ye. R. Koval'chuk, 7 pp.
RUSSIAN, per, Stanki i Instrument, Moscow, No 3,
Mar 1973, pp 25-27.
JPRS 58980

May 73

Adaptive Programmed Control Software for Cutting
Tool Trajectories Discussed, by
M. S. Gorodetskiy, G. V. Bronshteyn, 7 pp.
RUSSIAN, per: Stanki i Instrument, Moscow, No 3,
Mar 1973, pp 33-34.
JPRS 58980

May 73

Adaptive Methods of Correcting Machine Tool Control
Programs Analyzed, by N. A. Serkov, 8 pp.
RUSSIAN, per, Stanki i Instrument, Moscow, No 3,
Mar 1973, pp 37-40.
JPRS 58980

May 73

Vasil'yev, V. S.

Machine Building Institute's Achievements of 40
Years Noted.

6 pp

STANKI I INSTRUMENT, Moscow, No 5, 1973, pp 40-42.

JPRS 59647

Two New Semiautomatic Machine Tools Described.
5 pp

STANKI I INSTRUMENT, Moscow, No 5, 1973, pp 42-43.
JPRS 59647

Machine Tool Industry Production Analyzed.

8 pp

STANKI I INSTRUMENT, Moscow, No 6, 1973, pp 1-2.

JPRS 59679