

Interior Ballistics of Barrel-Weapons and  
Solid Fuel Rockets, Third Edition. 337 pp.  
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Tret'ye Izdaniye, 1962,  
ACSI I-9211  
ID 2204005166

Sci-Fuels  
Aug 66

308,873

INTERIOR BALLISTICS OF BORE SYSTEMS AND SOLID  
FUEL ROCKETS

SEREBRYAKOV M E      LANGUAGE=RU      COUNTRY=UR

VNUTRENNYAYA BALLISTIKA STVOL'NYKH SISTEM I P  
DROKHOVYKH RAKET

MOSCOW 1962 PP 249-259 305-310

FSTC-HT-23-2170-72

GENERAL INFORMATION ON THERMAL BURNS AND BURN  
DISEASE, BY P. I. SHILOV, P. V. PILYUSHIN, 24 PP.

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1962, PP 5-19.

JPRS 15339

SCI - MED

OCT 62

212,174

SOME PROBLEMS IN TREATING BURNS AND BURN  
COMPLICATIONS, BY PAVEL IVANOVICH SHILOV,  
PYETR VIKTOROVICH, 41 PP.

RUSSIAN, BK, VNUTRENNYAYA PATOLOGIYA PRJ-  
OZHOGAKH (TERMICHESKIKH), LENINGRAD, 1962,  
PP 1-296.

JPRS 16422

SCI - MED

DEC 62

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Intraarterial Infusion of Procaine in Therapeutic Practice, by N. K. Gorbadey.

RUSSIAN, bk, Vnutriarterial'nyye Vlivaniya  
Novokaina v Terapevticheskoj Klinike, Leningrad,  
1959, 114 pp.

Consultants Bureau

Sci - Med

Sep 60

125,567

General Rules Governing the Solubility of Substances  
in Steam, by M. A. Styrikovich, I. Kh. Khabibullin

RUSSIAN, mono, Fiziko-khimicheskie  
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7  
DSIR LHM M.796  
(loan)  
SLA 60-13635

Sci - Chem

Aug 60

122,576

Corrosion of Water Economizers Operating on Sulfite-Treated Feed Water, by I. T. Deyev.

RUSSIAN, per, Vnutrikotlovye Fiz-Khim Protsessy, Ak Nauk SSSR, Energet Inst im G. M. Krzhizhanovskogo, 1957, pp 334-338.

ATS RJ-2065

Sci - Chem  
Dec 59

104,063

Intra-Boiler Physico-Chemical Processes, Pretreatment  
of Water and Water Systems of Boilers at Large and  
Extra-Large Electrical Plants, 3 pp.

RUSSIAN, bk, Vnutrikotlovye Fiziko-Khimicheskiye  
Protsessy, Vodopodgotovka i Vodnye Rezhimy Vody na  
Elektrostantsiyakh Vysokikh i Sverkhvysokikh Parametrov,  
1957, 594 pp. 9676880 *(Data of interest)*

*m* /NRL 830

Sci

May 62



Intrafactory Planning and the Technical, Industrial  
and Financial Plan of an Industrial Enterprise,  
by D. I. Sankin, 61 pp.

RUSSIAN, bk, Vnutrizavodskoye Planirovaniye i  
Tekhpromfinplan Promyshlennogo Predpriyatiya  
(Seriya III), 1958, 48 pp.

ATTC MCL-216/III

USSR  
Econ  
Nov 59

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Internal Stresses in Wood During its Drying,

by B. N. Ugolev.

RUSSIAN, bk, Vnytrennie napriazheniya v drevesine  
pri ee suzhko. -- Moskva, Goslesbunkizdat, 1959,

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\*CSFTI TT 68-50365

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Feb 68

Recent Formulae for the Estimation of the Mean  
Velocity of Water in Open Chaunels, by A. Knotek,  
J. Martinec.

RUSSIAN, per, Vodn Hosp, No 9, 1955, pp 1-7.

DSIR/31319/CT

Sci - Physics  
Feb 58

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V. V. Zvonkov,  
RUSSIAN, rpt, Vodnaya i Vetrovaya Eroziya  
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\*CESTI TT 67-59007

Sci-Ear Sci  
Mar 67

The Moisture Properties of Soils and Grounds, by  
A. A. Rode, 1957.

RUSSIAN, bk, Vodnye Svoistva Pochv i Gruntov, 1957,  
pp 1-131.

OTS 60-51187  
PL-480

Sci - Bio

Apr 61

146,225

PST No 30

Diary of A. F. Treshnikov for the 1954-1955 Soviet  
Polar Expedition (Collection of 9 Installments), by  
A. F. Treshnikov, 19 pp.

RUSSIAN, bk, Vodnyi Transport, ~~1954~~ 9 Jul-30 Aug 1955.

Sci Tr Center RT 368

Sci Tr Center RT-3683

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Scientific - Geophysics

Jun 56/dex

New Ships of the Soviet Maritime and River  
Fleets, 4 pp.

RUSSIAN, per, Vodnyy Transport, 16 Oct  
1962, p 2.

JPRS 16695

USSR  
Econ  
Dec 62

Summaries of Soviet Maritime Transport Operations  
During 1964 and Plans for 1965, 5 pp  
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JPRS 29417

USSR  
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Apr 65

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R-500 (DC-2140)  
Water Transportation in the People's Republic  
of China, by Z. A. Shashkov, 28 pp.

MUESTAN, per, Vodnyy Transport Kitayskoy  
Narodnoy Respubliki, Vol IV, No 11, Moscow,  
1958, pp 3-38.

US JPRS/DC-363

FE - China  
Econ - Transportation

19 Nov 1958

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WATER SUPPLY IMPROVEMENTS IN THE USSR AND  
METHODS OF FURTHERING SUCH IMPROVEMENTS,  
BY S. L. MIRKIN, 512 PP.

RUSSIAN, BK, VODNYE MELIORATSII V SSSR I PUTI  
IKH RAZVITIYA, MOSCOW, 1960, PP 1-284.

JPRS 16745

USSR  
ECON  
JAN 63

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The Storage Lakes of the USSR and Their  
Importance for Fishery, by P. V. Tyurin,  
RUSSIAN, bk, Vodokhranilishcha SSSR i Ikh  
Rybokhozyaystvennoe Znachenie, 1961, 243 pp.  
CFSTI TT 66-51056

Sci-Ear Sci

The Diver. 227 pp.

RUSSIAN, bk, Vodolaz, Moscow 1959, pp 1-187.

Dept of Navy NIC Trans 2780

ussr  
military  
mar 69

376,588

Diving Equipment, BY F. A. Shpakovich.  
RUSSIAN, bk, Vodolaznoye Snaryazheniye,  
1943, pp 1-112.  
Dept of Navy/NIC 2851

Sci-Mech  
Aug 69

388,692

Diving Gear and Equipment, by I. I. Kuznetsov.  
RUSSIAN, bk, Vodolaznoye Snaryazheniye i  
Oborudovaniye, 1962, 261 pp.  
Dept of Navy NHC 2872

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Sept 69

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Purification and Treatment of Water  
in Nuclear Reactors, by  
E. S. Chernorotov, N. V. Potekhni, et al,  
9 pp.  
RUSSIAN, rpt, Vodoochistka  
i Vodopodgotovka Na Yadernykh  
Reaktorakh, Atomic Energy Institute  
Imeni I. V. Kurchatov, Report III/IAE 787,  
1964, pp 1-14, 1700997  
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Role of Forests in Water Conservation, by  
V. V. Rakhmanov,  
RUSSIAN, bk, Vodookhrannaya Rol' Lesov, 1962,  
pp 1-171.  
CFSTI TT 66-51072

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Feb 67

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Water Desalination Plants for Seagoing  
Vessels, by V. F. Kovalenko.  
RUSSIAN, bk, Vedopresnitel'nye Ustanovki  
Morskikh Sudov, Moscow, Izdatel'stvo "Trans-  
port", 1964, 302 pp.  
\*AEC

RDP-67-23  
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Econ

Water and Water Treatment in Nuclear Power  
Plants, by A. A. Kot,  
RUSSIAN, bk, Vodopodgotovka i Vodnyi Rezhim  
Atomnykh Elektrostantsiy, 1964, pp 1-295.  
AEC-tr-6629

P91103467-V

JPRS 29081 - 194 pp  
\* CFSTI

Sci-Nucl Sci & Techn  
Feb 67

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Hydrogen and Flakes in ~~Steel~~ Steel (Selected Part),  
by D. Ya. Povolotskiy, A.N. Morozov.

RUSSIAN, bk, Vodorod i Flakamy v Stali, 1959,  
pp 5-16. 9661825.

ADIC MEL 673/1

Sci - Min/Met  
Jun 61

155 499

Hydrogen in Titanium, by V. A. Livanov and A. A.  
Bukhanova, et al, 200 p.  
RUSSIAN, mono, Vodorod v Titane, 1962.  
IPST-2163

Sci-M&M  
Jun 66

304,137

V. V. Kucheruk, *BS*

A USSR Conference on Problems of the Removal  
of Dust from Gases and Vapors Exhausted Into  
the Atmosphere, By Industrial Establishments and  
Ventilator Installations,

Vodosnabzheniye i Sanitarnaya Tekhnika,  
No 4, pp 38-40, July 1955

*RT-3 (m)*  
*CIA 9006742*

T/C of

Water Supply and Sanitary Engineering

RUSSIAN. per, Vodosnabzhenie i San Tekh, Moscow,  
No 1, 2, 3, Jan, Feb, Mar 1958

Engr Res and Devel Lab  
Ft Belvoir, Va

Typical Filtration Plant Designs for Producing  
1000, 3000 and 9000 m<sup>3</sup> of Water per Day, by  
A. G. Tuganov, 9 pp.

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekhnika,  
No 1, Jan 1958, pp 1-9.

AMS Lib Tr

Sci - Fuelc  
Sep 58

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Operational Tests of Rectangular Clarifiers of the  
Giprokommunvodokanal Type, by I. M. Mirkis, 13 pp.

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekhnika,  
No 1, Jan 1958, pp 6-11.

AMS Lib Tr

Sci - Engineering  
Sep 58

73,161



Experimental Treatment and Disinfection of Water by  
Means of Chlorine Plus Ammonia on the Water Grids of  
the Gorbass Trust, by T. L. Batsanov, 5 pp.

RUSSIAN, per, Vodosnabzheniye i Sanitarnaya Tekhnika,  
No 1, Jan 1958, pp 11-13.

AMS Lib Fr

Sci - Chemistry  
Sep 58

73,162

Determination of the Penetrating Force and Location  
of the Ram Head in the Soil During Puncture, by  
A. S. Vazetsinov, 16 pp.

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekhnika  
No 1, 1958, pp 21-26.

Engr Res and Devel Lab  
Ft Belvoir, Va

Sci - Engr

Jun 58

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Assembly of Installations for the Purification of  
Small Quantities of Sewage, by O. G. Shigorin,  
M. V. Molekov. URCL

RUSSIAN, per, Vodosnabzheniye i San Tekh, No 2,  
1958, pp 6-9.

DSIR Lending Library Unit  
N. 152

Sci - Eng  
Apr 59

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Ways of Improving the Water Supply in Southern  
Areas of the Ukraine, by V. M. Dolinskaya, 9 pp.

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekhnika,  
No 2, Feb 1958, pp 21-25. Publ by State Publ House  
on Construction and Architectural Literature,  
Moscow USSR.

AMB Lib Tr

Sci - Geophysics  
Sep 58

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For Economy in the Construction of Heating Systems,  
by V. K. Dyuskin. UNCL

RUSSIAN, par, Voenmasheniye i San Tekh, No 2,  
1958, pp 26-29.

DSIR Lending Library Unit  
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Sci - Engr  
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Apr 59

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Perspects Regarding the Most Efficient  
Utilization of Water Sources in Barnaul,  
by V. M. Gavrilenko, 5 pp.

RUSSIAN, per, Vozdushnaya i San Tekh,  
1958, pp 31-33. (Call No TDA, V87,  
1958, No 8, E Tr).

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Sci - Engr

170.461

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A New Method of Sealing Joints in Concrete and  
Pore-Concrete Pipes, by B. I. Andreyev. U.S.S.R.

RUSSIAN, per, Voenno-tekhnicheskaya i Svo Tekh,  
No 2, 1958, pp 35.

DSIR Lending Library Unit  
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Sci - Engr  
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Glass Concrete Heating Panels, by ~~Emil~~ A. Z.  
Ivyansky. UNCL

RUSSIAN, per, Voenno-tekhnicheskoye i San Tekh,  
No 3, 1948, pp 15-21.

DSIR Lending Library Unit  
N. 153

Sci - Engr  
Apr 59

85,107



Washing Contact Clarifiers (Filters), by A. M.  
Fominykh, 8 pp.

RGESIAS, per, Vodosnabzhenie i Sanitarnaya Tekhnika,  
No 3, Moscow, Mar 1958, pp 31-35. Publ by the State  
Publishing House on Construction and Architectural  
Literature.

AMS Lib Tr

Sci - Engineering  
Sep 58

78,155

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RUSSIAN, per, Vodosnabzhenie i. Sanitarnaya Tekhnika,  
No 5, Apr 1958.

AMS Lib Tr

Sci - Engineering  
Sep 58

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No 5, May 1958.

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New Approximate Formulae for Heat Calculations  
on Heat Exchangers, by E. P. Shubin, 11 pp.

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya  
Tekhnika, Moscow, No 5, 1958, pp 1-5.

Extr Res Devel Lab  
E-142

Sci - Engr

Dec 58

77,767

Intercepting Condensate and Atomspheric Deposits,  
by I. A. Kudakov, 2 pp.

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekhnika,  
No 5, Moscow, 1958, pp 12, 13.

Engr Res Devel Lab  
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Sci - Phys

Dec 58

Determination of Turbidity of Water Using the  
FEKH-54 Micro-Colorimeter-Nephelometer, by  
A. G. Zhirnova, 4 pp.

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya  
Tekhnika, No 5, Moscow, 1958, pp 18-20.

Engr Res Devel Lab  
E-144

Sci - Chem, Engr

Dec 58

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On the Question of Using Drinking-Water Reservoirs  
for Purposes of Physical Culture and Sport, by L.  
Ye. Korsh. UNCL

RUSSIAN, per, Vedostekobaniya i San Tekh, No 5,  
1958, pp 20-23.

DSIR Lending Library Unit  
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Engr Res Devel Lab  
T-326

Sci - Engr

Dec 58



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No 7, Moscow, 1958, publ by the State Publishing  
House of Construction and Architectural Literature.

Engr Res Devel Lab  
T-375

Sci - Engr

Dec 58

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RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekhnika, No 8, Moscow, 1958, publ by the State Publishing House of Construction and Architectural Literature.

Engr Res Devel Lab  
T-360

Sci - Engr

Dec 58

Table of Contents: Water Supply and Sanitary Engineering

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekh,  
No 9, 1958, publ by the State Publishing House of Con-  
struction and Architectural Literature, Moscow, USSR.

Engr Res Devel  
Lab T-388

Sci - Engr

Dec 58

Calculation of Resistance of Large Diameter  
Valves and Throttle Valves, by L. E. Roda. 1968.

RUSSIAN, par, Vodosnabzheniye i San Tekh,  
No 9, 1968, pp 10-14.

DSIR LLU RTS 1267

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Jul - 2068  
Feb 60

107,251

Table of Contents: Water Supply and Sanitary Engineering

RUSSIAN, per, Vodosnabzhenie i Sanitarnaya Tekh, No 10,  
1958, publ by the State Publishing House of Construction  
and Architectural Literature, Moscow, USSR.

Engr Res Devel  
Lab T-389

Sci - Engr

Dec 58

An Investigation Into the Properties of Effluents  
From the Gas Purification of Ferro-Manganese Cast-  
Irons and Methods of Rendering Them Harmless, by  
I. N. Oshiganov. UNCL

RUSSIAN, per, Vostochnabazheniye i San Tekh, No 10,  
1958, pp 24-27.

DSIR Lending Library Unit  
M. 116

Sci - Phys  
Apr 59

1. 4. 5. 1973

85,101

On the Question of the Hydraulic Rating of  
Secondary Vertical Sedimentation Tanks, by  
S. I. Bakharevsky. UNCL

RUSSIAN, per, Vodostokhneniye i San Tekh,  
No 10, 1958, pp 27-30.

DAIR Lending Library Unit  
M. 117

Sci - Engr  
Apr 59

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New Method of Joining Cast-Iron Pipes, by  
S. N. Lisitsin. UNCL

RUSSIAN, per, Vodost i San Tekh, No 1, 1959,  
pp 38, 39.

DSIR LNU (loan) M.321

51A 29-18157

NLL M.321

Sci - Engr  
Jul 59

40, 158



Moshnin, L. F.  
STARTING OF PUMPS WITH GATE VALVES OPEN,  
AND THE PROVISION OF CHECK VALVES IN  
DELIVERY LINES (O Pyske Nascosov na Otkrytuyu  
Zadvizhky i Ustanovke Obratnykh Klapanov na  
Napornykh Linnyakh). [1951] [10]p. [DSIR LLU]  
M. 2970.

Order from OTS or SLA \$1.10 61-23362

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 1-3.

DESCRIPTORS: Water, \*Pumps, Starting, \*Gate  
valves, \*Check valves, Valves.

Considerations show that for pumping stations of water-  
supply systems equipped with several pumps, working  
in parallel and supplying water directly to consumers  
or regulating storages of small volume, it may be in-  
expedient to dispense with check valves in a number of  
cases. For such stations, it is better to provide check  
(Engineering--Sanitation, TT, v. 6, no. 3) (over)

61-23362

I. Moshnin, L. F.  
II. DSIR LLU M. 2970

17537

Office of Technical Services

Nikomarov, G. M.  
ON THE PROVISION OF CHECK VALVES AFTER  
PUMPS (Ob Ustanovke Obratnykh Klapanov Posle  
Nasosov). [1961] [6]p. [DSIR LLU] M 2971.  
Order from OTS or SLA \$1.10 61-23361

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 4-5.

DESCRIPTORS: \*Check valves. \*Pumps. Effectiveness

Experience suggests that it is to dispense with check  
valves, either immediately after the pumps or in the  
adjacent sections of delivery pipes for all pumping  
stations which have a reception reservoir or chamber  
with reliable overflow device.

(Engineering--Civil, TT, v. 6, no. 3)

61-23361

I. Title: Pumping station  
1. Nikomarov, G. M.  
II. DSIR LLU M 2971

110615

Office of Technical Services

Talashchenko, A. F.  
STARTING OF CENTRIFUGAL PUMPS WITH OPEN  
GATE VALVE IN THE DELIVERY LINE (Pusk  
Tsentrobezhnykh Nасosov pri Otkrytoy Zadvizhke na  
Napornoy Lini). [1961] [6]p. 2 refs. [DSIR L.L.U]  
M 2972.  
Order from OTS or SLA \$1.10 61-23360

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 5-6.

DESCRIPTORS: \*Centrifugal pumps. Operation. Gate  
valves. Hydraulic valves.

Since the starting of a pump with the gate valve open  
considerably simplifies the automation scheme of  
pumping stations, and to some extent simplifies and  
cheapens the equipment, it should be more widely  
adopted in water supply systems, and this should be  
borne in mind in the revision of current standards and  
technical conditions for the design of water supply  
systems. (Author)

61-23360

I. Talashchenko, A. F.  
II. DSIR L.L.U M. 2972

176823

Office of Technical Services

(Engineering--Mechanical, 11.  
v. 6, no. 3)

Timofeyeva, Ye. T.  
OPERATION OF CHECK VALVES ON SWITCHING  
OFF THE PUMPS (Rabota Obratnykh Klapanov pri  
Vyklyucheni Nasosov). [1961] [14]p. 1 ref. [DSIR LLU]  
M 2973.

Order from OTS or SLA \$1.60

61-23359

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 6-11.

DESCRIPTORS: Water, Pumps, \*Check valves,  
Operation.

The data provided show that to make possible the start-  
ing of a pump with the gate valve open, it is necessary  
to examine the closure condition of the check valve and  
to choose a design of check valve with this in mind, re-  
sorting in unavoidable cases to the provision of a by-  
pass line for the valve, as has been done at the Skalin  
station of the Moscow waterworks.  
(Engineering--Sanitation, TT, v. 6, no. 3)

61-23359

I. Timofeyeva, Ye. T.  
II. DSIR LLU M. 2973

175871

Office of Technical Services

61-23358

Karavayev, Yu. I.  
HYDRAULIC RESISTANCE OF EXPANSION JOINTS  
(O Gidravlicheskom Soprotivlenii Kompensatorov).  
[1961] [4]p. [DSIR LLU] M. 2974.  
Order from OTS or SLA \$1.10

61-23358

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 11.

DESCRIPTORS: \*Expansion joints, Tests, Hydraulic  
couplings

Experimental values are tabulated for the rates of  
flow, the loss of head (pressure), and the coefficient  
of local resistance in one-sided gland type joints in  
600-mm diam pipe lines.

170871

Office of Technical Services

(Engineering--Mechanical, TT, v. 6, no. 3)

Yakovlev, S. V. and Galanin, P. I.  
INVESTIGATION OF THE OPERATION OF A BIO-  
COAGULATOR ON SLUDGE FROM BIOFILTERS  
(Issledovaniye Raboty Biokoagulyator na Ite Posle  
Biofiltrov). [1961] [8]p. [DSIR L.L.U] M 2975.  
Order from OTS or SLA \$1.10 61-23357

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 11-13.

DESCRIPTORS: \*Sewage, \*Sanitary engineering,  
\*Sedimentation, \*Coagulation, \*Blowers, \*Water  
filters, Tests.

(Engineering--Sanitation, T.T. v. 6, no. 4)

61-23357

1. Title: Sludge
2. Title: Biocoagulator
3. Title: Biofilter
- I. Yakovlev, S. V.
- II. Galanin, P. I.
- III. DSIR L.L.U M. 2975

177711

Office of Technical Services

Ocherel'eva, M. N.  
PURIFICATION OF WASTE WATER FROM A WOOL  
SCOURING WORKS (Ochistka Stoknykh vod Fabrik  
Pervichnoy Obrabotki Shersti). [1961] [6]p. 1 ref.  
[DSIR LLU] M. 2976.  
Order from OTS or SLA \$1.10

61-23356

Trans. of ~~Vol'skoye~~ Santarnaya Tekhnika  
(USSR) 1959, no. 12, p. 14-15.

DESCRIPTORS: Purification. Water supplies. Sanitary  
engineering. \*Chemical waste. \*Woolen textiles  
\*Textile industry.

(Engineering--Sanitation, TT, v. 6, no. 3)

61-23356

I. Ocherel'eva, M. N.  
IL DSIR LLU M. 2976

1703:0

Office of Technical Services

Parforovskii, B. S.  
FULL-SCALE INVESTIGATIONS OF WATER-COOL-  
ING RESERVOIRS (Natsionnye issledovaniya Prudov-  
Okhladiteley). [1961] [11]p. [DSIR LLU] M 2978.  
Order from OTS or SLA \$1.60 61-23354

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 19-22.

DESCRIPTORS: \*Water supplies, Cooling, Electric  
power production, Power plants, Wind, Temperature,  
Heat transfer.

Investigations of water-cooling reservoirs of large  
size, characteristic of large electric power stations,  
have shown the considerable influence of the wind both  
on the movement of the transit stream and on the dis-  
tribution of the temperatures of the water. At high  
wind speeds, equalization of the temperature was ob-  
served over the area of the reservoir and in the verti-  
cal direction, due to the mixing of the water of the  
(Engineering--Mechanical, TT, v. 6, no. 3) (over)

61-23354

I. Parforovskii, B. S.  
II. DSIR LLU M. 2978

175365

Office of Technical Services



Sakun, A. N.  
EXAMPLES OF REDUCING THE CONSTRUCTIONAL  
COSTS OF SEWERAGE AND WATER-SUPPLY IN-  
STALLATIONS IN THE PLANNING PRACTICE OF  
THE UKRGHPROPRD (Plannyye Susheniya Stoinosti  
Stroitel'stva Kamallzatstionnykh i Voisprovodnykh  
Sooruzhenii v Praktike Proektirovani UKrgiproroda)  
[1961] [13] p. 1 ref. [DSIR LLU] M 2977.  
Order from OTS or SLA \$1.60

61-23355

Trans. of Vodosnabzhenie i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 15-18.

DESCRIPTORS: \*Sewage, \*Sanitary engineering,  
\*Water supplies, Construction, Costs, USSR.

(Engineering--Civil, TT, v. 6, no. 4)

61-23355

I. Sakun, A. N.  
II. DSIR LLU M. 2977

177716

Office of Technical Services

Yakimov, L. K.  
NEW THERMAL INSULATION MATERIALS FOR  
UNDERGROUND HOT-WATER PIPES (Novyye  
Teploizolyatsionnye Materialy dlya Podzemnykh  
Teploprovodov). [1961] 113p. [DSIR L.I.U] M 2979.  
Order from OTS or SLA \$1.60 61-23353

Trans. of Vsesoyuzhnyye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 22-23.

DESCRIPTORS: \*Thermal insulation, \*Insulating  
materials, Tests, \*Pipes, Heating, Moisture,  
Thermocouples, Conductivity, Density.

Insulation materials were examined that were made  
according to asphalt technology from petroleum  
bitumen and powders of different materials: from  
electrofilters, peat ash, clay and lime.

(Materials, TI, v. 6, no. 4)

61-23353

L. Yakimov, L. K.  
IL DSIR L.I.U M. 2979

177715

Office of Technical Services

Babel', Ye. G.

LAYING OF PIPING WITHOUT CONDUITS FOR DISTRICT HEATING NETWORKS (K Voprosu o Bezkanal'noy Spolkladke Teplovykh Setey). [1961] [5]p.

[DSR LLU] M 2980.

Order from OTS or SLA \$1.10

61-23352

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika (USSR) 1959, no. 12, p. 28.

DESCRIPTORS: Heating plants, \*Pipes, Installation, Pipe fittings.

Advantages and disadvantages are summarized of the method proposed by B. V. Lopatyn and A. A. Lyamin (Vodosnabzheniye i Sanitarnaya Tekhnika 1958, no. 12) for laying pipes in a sand-cement mixture.

(Engineering--Sanitation, TT, v. 6, no. 3)

61-23352

I. Babel', Ye. G.  
II. DSR LLU M.2980

175365

Office of Technical Services

Glushkov, L. A.  
AIR SUPPLY INSTALLATION WITH COOLING OF  
THE AIR (Prilochaya Ustanovka s Okhlazhdeniyem  
Vozdukh). [1961] [7]p. [DSIR LLU] M 2931.  
Order from OTS or SLA \$1.10 61-23351

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 27-28.

DESCRIPTORS: Industrial plants, Cooling, \*Refrigeration systems, Effectiveness.

(Engineering--Mechanical, TT, v. 6, no. 3)

61-23351

I. Glushkov, L. A.  
II. DSIR LLU M.2981

175367

Office of Technical Services

CHANGES IN STANDARDS (ACCORDING TO "INFORMATSIONNY YKAZATEL' STANDARTOV", NO. 6, 1959) (Izmeneniya v Standartakh po "Informatsionnomu Ykazatelyu Standartov", no. 6, 1959) [1961] [5]p.  
[DSIR LLU] M 2982.

Order from OTS or SLA \$1.10

61-23350

Trans. of Vodosnabzhenie i Sanitarnaya Tekhnika (USSR) 1959, no. 12, p. 28-29.

DESCRIPTORS: Pipes, Standards, USSR

(Engineering--Mechanical, TT, v. 6, no. 6)

61-23350

L DSIR LLU M. 2982

176651

Office of Technical Services

Kalyashin, N. V.  
PREVENTION OF BOILER ACCIDENTS IN BOILER  
HEATING INSTALLATIONS (Preduprezhdeniye Avari  
v Otopitel'nykh Kotel'nykh). [1961] [10]p. [DSIR LLU]  
M 2983.

Order from OTS or SLA \$1.10

61-23349

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 29-31.

DESCRIPTORS: \*Boilers, \*Accidents, Operation,  
\*Safety, \*Safety devices.

A few typical cases of accidents are described. (See  
also 61-23348)

(Engineering--Safety, TT, v. 6, no. 3)

61-23349

I. Kalyashin, N. V.  
II. DSIR LLU M. 2983

175360

Office of Technical Services

Natkovich, M. A.  
LIMITING THE HOT-WATER TEMPERATURE IN  
"ENERGIYA" STEAM WATER-HEATERS (Ob  
Organicheniy Temperatury Nagreva Vody v  
Parovodonagrevatelyakh "Energiya"). [1961] [7]p.  
[DSIR LLU] M 2984.  
Order from OTS or SLA \$1.10 61-23348

Trans. of Vojsnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 31-32.

DESCRIPTORS: \*Water, \*Temperature control,  
\*Boilers.

The article was published to draw attention to serious  
short-comings in the operation of boilers and steam  
water-heaters working at low pressures in the USSR.  
(See also 61-23349)

(Engineering--Mechanical, TT, v. 6, no. 3)

61-23348

I. Natkovich, M. A.  
II. DSIR LLU M. 2984

17536.

Office of Technical Services

Bulygin, P. M.  
DEVICE FOR ASSEMBLING ASBESTOS-CEMENT  
PIPES (Prisposobleniye dlya Montazha Asbestotsement-  
nykh Trub). [1961] [3 p. [DSIR LLU] M 2985.  
Order from OTS or SLA \$1.10 61-23347

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 33.

DESCRIPTORS: \*Pipes, \*Asbestos fiber, \*Cements,  
\*Jacks (Mechanics).

(Machinery--Manufacturing, TT, v. 6, no. 3)

61-23347

I. Bulygin, P. M.  
II. DSIR LLU M.2985

17536

Office of Technical Services



APPLICATION OF HEXAMETAPHOSPHATES IN  
WATER PURIFICATION [AND] EMERGENCY WATER  
RESERVE FOR FIRE FIGHTING PURPOSES  
(O Primenenii Geksametafosfatov dlya Ochistki Vody  
[and] O Neprikosnovennom Pozharnom Zapase Vody).  
[1961] [5]p. 1 ref. [DSIR LLU] M 2986.  
Order from OTS or SLA \$1.10

61-23346

Trans. of Vodosnabzhenie i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 33-34.

DESCRIPTORS: Water, \*Purification, \*Phosphates,  
Corrosion, \*Water supplies, USSR, Fires.

(Engineering--Sanitation, TT, v. 6, no. 10)

61-23346

I. Title: Emergency ...  
II. DSIR LLU M.2986

57528

Office of Technical Services

Travin, Ye. G.  
INCREASING THE OUTPUT OF SHAFT WELLS BY  
DRIVING RADIAL DRAINS WITHOUT EXCAVATION  
(Uvelicheniye Proizvoditel'nosti Shakhtnykh Koldtsev  
(Putem Restransheynoy Prokladki Radial'nykh Dren)).  
[1961] [9]p. 2 refs. [DSIR LLU] M 2987.  
Order from OTS or SLA \$1.10

61-23345

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika  
(USSR) 1959, no. 12, p. 34-36.

DESCRIPTORS: \*Water, Sources. \*Sanitary engineering  
Drainage.

The method of constructing shaft wells, as carried out  
at the Leipzig pumping station of Naunhof (German  
Democratic Republic) is described.

(Engineering--Sanitation, TT, v. 6, no. 4)

61-23345

I. Travin, Ye. G.  
II. DSIR LLU M.2987

11714

Office of Technical Services

61-23232

INTERNATIONAL CONFERENCE ON HEATING,  
VENTILATION AND AIR-CONDITIONING [AND]  
SCIENTIFIC SEMINAR ON HEATING-GAS SUPPLY  
AND VENTILATION IN KIEV (NO. 100) (Internatsio-  
nal'noye Soveshchaniye po Otopleniyu, Ventilatsii i  
Konditsionirovaniyu Vozdukh [and] Sotyy Nauchnyy  
Seminar po Teplogazosnabzheniyu i Ventilatsii v Kiev)  
[1961] [6]p. [DSIR LLU] M 2988.  
Order from OTS or SLA \$1.10

61-23232

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika.  
(USSR) 1959, no. 12, p. 36-37.

DESCRIPTORS: Heating. \*Ventilation, Civil engineer-  
ing, Conferences, Sanitary engineering. \*Air con-  
ditioning equipment.

The first conference took place in May, 1959 in Paris.  
The second was held in Kiev from 4 to 6 June 1959.

(Engineering--Mechanical, TT, v. 6, no. 3)

I. Title: Scientific...  
II. DSIR LLU M. 2988

Office of Technical Services

[WATER SUPPLY AND SANITATION ENGINEERING]  
ANNOTATED LITERATURE REFERENCE FROM  
FOREIGN JOURNALS [AND] INDEX FOR 1959. [1961]  
[17]p. [DSIR LLU M 2989.  
Order from OTS or SLA \$1.60

61-23233

Trans. of Vodosnabzhenie i Sanitarnaya Tekhnika (USSR)  
1959, no. 12, p. 37-41.

DESCRIPTORS: \*Sanitary engineering, Plumbing  
fixtures, Pipes, Water supplies, Water, Purification,  
Bibliography, Periodicals, Indexes.

Compiled by the Central Scientific and Technical  
Library for Building and Architecture, Moscow.

(Engineering--Sanitation, TT, v. 6, no. 5)

61-23233

L DSIR LLU M. 2989

180589

Office of Technical Services

(DC-435A)

Eighteenth Scientific Conference of the  
Leningrad Institute of Construction Engineers, by  
M. I. Ass, L. D. Pashkov, 5 pp.

RUSSIAN, per, Vodosnabzheniye i San Tekh, No 6,  
1960, pp 37, 38.

JPRS 6134

USSR

Econ  
Oct 60

130,854

(SF-1879)

Experimental Investigation of the Application of  
Ultrasonic Waves for Water Disinfection, by L. I.  
El'piner, 7 pp.

RUSSIAN, per, Vodosnabzheniye i San Tekh, No 8,  
1960, pp 27-30.

JPRS 10666

Sci - Phys

174, 049

Nov 61

More Attention Must Be Paid to Engineering  
Construction Contributing to the Welfare  
of Towns and Localities, by M. V. Vershinin,  
8 pp.

RUSSIAN, per, Vodosnabsheniye i San Tekh,  
1961, pp 2-4. (Call No TD4, V87, 1961,  
No 9.)

AMS

184,591

USSR

Econ

19 Feb 62

(~~NY~~ NY-6356/1)

Automatic Super-Rapid Filtering Station, by  
Z. K. Kiseleva, 15 pp.

RUSSIAN, per, Vodosnabzheniye i San Tekh.  
No 3, 1961, pp 1-6.

JPRS 9547

Sci - Engr

/60,043

Jul 61



(NY-6356)

Conference on Air Conditioning in Industrial  
and Community Buildings, by B. V. Barkalov,  
Ye. Yo. Karpis, 5 pp.

RUSSIAN, per, Vodosnabzheniye, i Sanitarnaya  
Tekh, No 3, 1961, pp 39, 40.

JPRS 9537

USSR

160,123

Econ - Soc

Jul 61

(NY-6403)

Some Principles of Air Conditioning in  
Surgical Operating Rooms, by Ye. Ye.  
Karpis, B. S. Simonovich, M. I. Sedis,  
9 pp.

STB-4, 1961, Vozrastcheniya i San Tekh,  
No 7, 1961, pp 35-35.

JPRS 10040

Sci - Med  
Nov 61

174, 614

(SF-1878)

Conference on Automation and Remote Control  
of Water Supply and San Sewer Systems and  
Constructions, 10 pp.

RUSSIAN, per, Vodosnabzheniya i San Tekh, E  
No 10, 1961, pp 37-40.

JPRS 13670

USSR

Econ

Sci - Engg

May 62

193,505

(SP-1876)

Conference on the Use of Flocculants with  
High Molecular Weight for Purifying Drinking  
Water, 4 pp.

RUSSIAN, per, Vodosnabzheniye i San Tekh,  
No 10, 1961, p 40.

JPRS 13670

Sci - Chem

193,506

May 62

The Work of an Industrial Apparatus for  
Defluoridating Drinking Water, by E. P. Zolotova.  
RUSSIAN, per, Vodosnabzheniye i San Tekh, No 6,  
1962, pp 12-15.

NLL RTS 2213  
(loan)

238,169

Sci -  
Jul 63

Results Achieved by the Technical Sanitation  
Industry During the Four Years of Seven-Year Plan,  
by A. A. Biryukov, N. A. Ignat'yev, 7 pp.

RUSSIAN, per, Vodopabzheniye i San Tekh, No 2,  
1963, p 3. (Call No TD 487 No 2 Eng Tr)

Army Map Service

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Econ  
Jul 63

Laying Pipeline Facilities in Permafrost Soils  
of Noril'sk, by M. V. Kim, 6 pp.

RUSSIAN, per, Vodosnabzheniye i Sanit Tekh,  
No 7, 1963, pp 11-13.

ACSI I-3905  
ID 2253815

Sci - Engr  
Jan 64

248,307

New Standard Designs for Large-Capacity  
Water-Purification Plants, by V.I. Filippov,  
10 pp.

RUSSIAN, per, Vodosnabzheniye i Sanitarnaya  
Tekhnika, No. 5, Moscow, 1964.

JPRS 44,309

Sci.;Mech.,Ind., Civil  
and Marine Engineering  
Feb 68

350,212



Water Supply of Railroads in Permafrost Regions,  
by M. I. Sumgin, M. N. Genyev, A. M. Chekotillo

RUSSIAN, bk, Vodosnabzheniye Zhelez Dorog v Raion  
Vechnoi Mersloty, Moscow 1939. CIA V 4999

OCE Tr 28

Sci Tr Center RT3377

Scientific - Geophysics

21,429

Table of Contents, by V. A. Sulin, (ID 438744).

RUSSIAN, book, Vody ~~Neftyannykh~~ ~~Mestorozhdeniy~~  
v Sisteme Prirodnykh Vod., Gostoptekhnizdat,  
Moscow, 1946.

QQNG Tr

USSR  
Scientific - Miscellaneous  
Geology - Ground waters

Jun CTE 20,332

Budyko, M. I., ed.  
A. I. VOEIKOV AND PROBLEMS IN CLIMATOLOGY:  
SELECTED ARTICLES. 1963, 92p. 220 refs.  
PL-480 Comm.  
Order from OTS \$1.00

61-11463

Trans. of mono. A. I. Voelkov i Sovremennye  
Problemy Klimatologii, Leningrad, 1956 [p. 45-83,  
175-192, 226-261].

DESCRIPTORS: \*Climatology, Atmosphere, Moisture,  
Evaporation, Precipitation, Atmospheric motion,  
Meteorological parameters, Thermal radiation,  
Agriculture, Climatic factors.

Contents:

The water balance in the atmosphere, by O. A. Drozdov  
Modern views on the general circulation of the atmos-  
phere, by Kh. P. Pogosyan

(Earth Sciences--Climatology. TT, v. 9, no. 9) (over)

61-11463

I. Budyko, M. I.  
II. Voelkov, A. I.  
III. PL-480 Comm (61-11463)  
IV. National Science Founda-  
tion, Washington, D. C.

Office of Technical Services

Experimental Tick Relapsing Fever in the Jackal,  
by G. V. Serdyukova, 7pp  
RUSSIAN, per, Voenno-Meditsinskaya Akademiya,  
Trudy, Vol 18, 1939, pp 51-57  
OTS TT-64-15690

Sci - Biol  
June 67

328,827

Sokolovskii, V. D., ed.  
SOVIET MILITARY STRATEGY, tr. and annotated by  
Herbert S. Dinerstein and others. 1963, 1v.  
Order from Prentice-Hall, Inc., Englewood Cliffs,  
N. J. \$7.50 plus postage

Trans. of mono. [Voennaya Strategiya, Moscow, 1962,  
457p.].

Another trans. is available from OTS or SLA \$26.00 as  
63-15025, FTD-TT-62-1289, 20 Nov 62 [618p.].

DESCRIPTORS: \*Political science, Communism,  
Economics, Military intelligence, Warfare, \*Armed  
forces (Foreign), Leadership, \*Armed forces opera-  
tions, \*Strategic materials, \*War potential, Satellite  
vehicles, National defense, Civil defense systems,  
Foreign policy, Economic warfare, Nuclear weapons.

(Engineering--Ordnance, TT, v. 10, no. 5)

63-17544

- I. Sokolovskii, V. D.
- II. Prentice-Hall, Inc.,  
Englewood Cliffs, N. J.

Office of Technical Services

One Day In the New Life, by F. A. Abramov.

RUSSIAN, bk, Vokrug da Okolo, 1963.

F. A. Praeger

USSR

Soc

Jul 63

FIC

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E51

The Ob', Lake Aral, Caspian, by V. Yarosh, L. Fedorov.

RUSSIAN, per, Vokrug Sveta, No 6, 1949, pp 33-36.

\*AEC

USSR-6000

Sei

Apr 60

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(also brief summaries of each ~~article~~ article), 16 pp.  
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6 June 1954, Jul/Sept 1954, Moscow.

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