

YERMEKOV, M.A. [Iermekov, M.A.], kand. tekhn. nauk; KHOMENKO, T.N.

Production and properties of mixed granular mineral fertilizers  
based on Kaluga potassium sulfate. Khim. prom. no.4:59-60  
O-D '64. (MIRA 18:3)

YERMEKOV, M.A. [Iermekov, M.A.], kand. tekhn. nauk

Photocolorimetric determining of phosphorus in the feeding solutions  
for vegetable growing with the hydroponic method. Khim. prom. [Mkr.]  
no.3:47-48 J1-S '64.

Scientific and methodological conference on the application of  
hydroponics in agriculture. Ibid.:85

(MIRA 17:12)

YERMEKOVA, D.A.; BELYAKOVA, Ye.V.

Case of arsenic poisoning. Zdrav. Kazakh. 22 no.5:68-71 '62.  
(MIRA 15:6)

1. Iz kafedry fakul'tetskoy terapii (zav. - dotsent Ye.A.  
Mezenchuk) Kazakhskogo meditsinskogo instituta.  
(ARSENIC POISONING)

YE. RYEMENKO, H.

YEREMENKO, A. (Poselok Dzerzhinskiy, Khakasskoy avtonomnoy oblasti);

LAVRENKO, S. (Poselok Dzerzhinskiy, Khakasskoy avtonomnoy oblasti)

They saw the results of their work. Sov.profsoluzy 5 no.11:73-74  
N '57. (MIRA 10:11)

(Krasnoyarsk Territory--Motortrucks)

YERMENKO, S.A.; KRAVTSOV, M.P.

Morphological changes in the skin and nerve apparatus of a rabbit  
caused by the action of rays from radioactive arsenic. Sbor.nauch.  
rab.Bel.nauch.-issl.kozhno-ven.inst. 6:106-111 '59. (MIRA 13:11)

(SKIN)

(NERVOUS SYSTEM)

(ARSENIC--ISOTOPES)

YERMEKO, V. M.,

YERMEKO, V. M., inzh.

Improve safety precautions in sorting yards. Zhel. dor. transp. 39  
no. 12:75-76 D '57. (MIRA 11:1)  
(Railroads--Safety measures)

YERMENSON, Ya.I.

Gas-pipeline accident prevention. Gaz. delo no.1:12-14 '65.  
(MIRA 18:6)

1. Torzhokskoye rayonnoye upravleniye magistral'nykh gazoprovodov.

DOBRYAK, V.A.; YERMEYAN, G.P.

~~Raising the qualifications of engineers and technicians.~~ Avt.dor.  
21 no.9:24-25 5 '58. (MIRA 11:11)  
(Road construction workers)



COUNTRY : USSR

P-5

CATEGORY :

ABR. JOUR. : RZBiol., No. 19, 1958, No. 87648

AUTHOR : Yermi, T.

INST. :

TITLE : On Some Theoretical Problems of Biocenologic Research in Applied Entomology.

ORIG. PUB. : Zh. obshch. biologii, 1957, 18,  
No 4, 263-274

ABSTRACT : Biocenosis (B) -- is the combination of vegetation and all populations of heterotrophic organisms which exist at its expense. Negation of the factual existence of B is unsound, as is also the standpoint which regards them as organisms of higher order, capable of self-regulation and in a state of equilibrium. Biocenology is a branch of ecology, which derives general conclusions from data of auto-ecologic studies of populations of different species which live in association. Biocenology, in its most widely accepted meaning -- a statistical processing of data relating to numerical strength of the different species which inhabit a given territory -- is

CARD: 1/2

Country : USSR  
CATEGORY :

F-5

ABR. JOUR. : RZBiol., No. 19, 1958, No. 87648

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : merely quantitative faunistics, even though its data are very rewardingly utilized in ecologic characterization of individual biotopes. There is no fundamental difference between natural and cultural B, since in both instances the numerical strength of the individual species is determined by a multitude of factors, a closed cycle of matter takes place, and definite correlations in population-dynamics become established between the individual species. Studies of fauna of cultural biotopes must be based on thorough ecologic study of the individual species and of their mutual connections with the other members of the B. -- G. A. Viktorov.

CARD: 2/2

ALEKSANDROV, K.K.; YERMICHEV, I.M.

Temperature conditions of rails. Put' i put.khoz. 8 no.6:17-18 '64.  
(MIRA 17:9)

1. Glavnyy inzh. sluzhby puti, Tashkent (for Aleksandrov). 2. Nachal'nik  
Tashkentskoy geofizicheskoy stantsii (for Yermichev).

YERMICHEV, V.A.; ZIL'BERMAN, G.M., dots., red.

[Methodological manual for calculating mechanical transmissions for machinery; for correspondence students] Metodicheskoe posobie po raschetu mekhanicheskikh peredach v mashinakh dlia studentov-zaochnikov. Perm', Permskii sel'skhoz. in-t im. D.N.Prianishnikova, 1963. 109 p. (MIRA. 17:8)

YEREMILIN, K. S.

K voprosu o Razryvnykh Resheniyakh v Variatsionnom ischislenii. Tbilisi, Trudy matem. In-Ta Gr. Fil. An. 1(1937), 65-71. Ob odnoy zadache variatsionnogo ischisleniya. Tbilisi, trudy matem. in-ta Gr. Fil. an, 4(1938), 135-162. Ob Ekstremume integralov v sluchaye razryvnoy podintegral' noy funktsii. IAN, Ser. matem, 5(1941), 269-276.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.  
Markushevich, A I.,  
Rashevskiy, P. K.  
Moscow-Leningrad, 1948

YERMILIN, K.S.

Some problems in the calculus of variations. Uch. zap. LGU no.111:  
207-217 '49. (MLRA 10:8)

(Calculus of variations)

157T27

YERMIILIN, N. P., PROF

USSR/Electricity - Motors, Direct Current Jan 50  
Starting, Rheostats

"Rheostats Starting of Small DC Shunt Motors  
in Independent Installations," Prof N. P. Yermi-  
lin, Dr Tech Sci, Leningrad Elec Eng Inst Invent  
Ul'yanov - Lenin, 3 pp

"Elektrichestvo" No 1

Examines rheostats starting and reversing of  
small DC shunt motors in installations of limited  
power. Investigates starting currents and aver-  
age losses in copper armature windings, depending

157T27

USSR/Electricity - Motors, Direct Current Jan 50  
(Contd)

on duty classification of motor. Illustrates re-  
sults by numerical examples and experimental data.  
Submitted 30 Aug 49.

157T27

YERMILINA, A.

"Alcoylation de l'aniline en presence des catalyseurs mixtes. Communication III".  
Chouikine, N.I., Bitkova, A.N. et Iermilina, A. (p. 774)

SO: Journal of General Chemistry. (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 5.



YERMILINA, M.F.

Country : USSR

Category: Cultivated Plants. Grains.

M

Abs Jour: RZhBiol., No 11, 1958, 48842

Author : Yermilina, M.F.

Inst : -

Title : A New Promising Variety of Winter Wheat.

Orig Pub: Gos. s.-kh. opyt. st., 1957, 1, 33-35

Abstract: With regard to winter resistance, yield and drought resistance variety Lutescens 2269 is superior to the districted Lutescens 1060/10. The grain does not differ from the grain of Lutescens 1060/10 in regard to physical and chemical properties and also in regard to protein content.

Card : 1/1

YERMILOV, A.A.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810012-1"

Concerning the channeling of low-voltage power distribution networks in rolling mills. Prom.energ. 18 no.244-45 P '63.

(MIRA 1612)

(Rolling mills)

YERMILOV, A.A.

Contactless control of the feed of blast furnaces. *From.energ.*  
18 no.2:45 F '63. (MIRA 16:2)

(Blast furnaces)

UGRYUMOV, V.M.; AVTSYN, A.P.; VIKHERT, T.M.; ZETOV, Yu.V.; IVANOV-DYATLOV,  
F.G.; VERMILOV, A.A.

Severe experimental injury of the cranium and brain and problems  
in its treatment. Vop.neirokhir. 24 no.4:1-5 Je-Ag '60.

(MIRA 13:12)

(BRAIN-WOUNDS AND INJURIES)

YERMILOV, A.

Worker's mark. Most.prom.i khud.promys. 2 no.1:28-29 Ja '61.

(MIRA 14:4)

(Products liability)

YERMILOV, A. A.

Apr 1947

USSR/Engineering

Switches, Electric  
Fuses

"Use of High-power Cutout Switches and Power Fuses in Electrified Industries," A. A. Yermilov, Moscow Planning Administration for the Central Electro-Assembly, 3 pp

"Promyshlennaya Energetika" Vol IV, No 4

Well-illustrated article discussing various aspects of fuses and outout switches. Deals with some basic data on dimensions of outout switches and fuses. Mentions the Proletariy Factory as producing switches and the Elektrocapparat Factories at Leningrad and Ural 23758

USSR/Engineering (Contd)  
Switches, Electric  
Fuses

Apr 1947

as producing fuses. Gives some examples of use of these switches and fuses.

23758

YERMILOV, A. A.

157121

USSR/Electricity - Power Plants, Equipment Jan 50  
Electrical Equipment

"Basic Principles of Building Transformer Substa-  
tions for Industrial Enterprises," A. A. Yermilov,  
Engr, Tsentroelektromontazh, 5½ pp

"Elektrichestvo" No 1

States basic requirements for modern substations of  
industrial enterprises. Explains latest trends in  
switching systems, electrical equipment and construc-  
tion of substations. Discusses requirements for com-  
plete distributing installations and substations and  
for intrashop transformer substations. Submitted  
23 Sep 49.

157121

TERILOV, A. A., Engr.

PA 167T32

MSR/Electricity - Specifications  
Installation Aug 50

"Specifications on Layout of Electrotechnical  
Installations," A. A. Terilov, Engr, Gen Power  
Inst Enterprises

"Elektrichestvo" No 8, p 83

Criticizes Section 29 of subject specifications  
for demanding expensive heating arrangements  
for meters in cold premises; Section 78 for de-  
signing excessive width of passages between ma-  
chinery and other sections for providing for

167T32

MSR/Electricity - Specifications Aug 50  
(Contd)

excessive space between transformers and walls,  
etc. Suggests improvements.

167T32

YERMILOV, A. A.

YA 10013

USSR/Electricity - Distribution Systems Mar 52  
Switchgear

"Complete Distribution Units for Industrial Enterprises," Engr A. A. Yermilov, Elec Installation Trust for the Central Region

"Elektrichestvo" No 3, pp 17-24

Sums up development of complete power distribution units in USSR. Classifies and evaluates existing designs and remarks on means for their future improvement. Article is published in order to encourage discussion in connection with contemplated quantity production of these complete units. Submitted 30 Oct 51.

240725



YERMILOV, A. A.

PA 228T62

USSR/Electricity - Power Systems

Apr 52

"Discussion on 'Economical Current Density,'" A. A. Yermilov, Engr, Tsentroelektromontazh

"Elektrichestvo" No 4, pp 81-83

Comments on articles which appeared in "Elektrichestvo" No 11, 1950, No 9, 1951; and No 3, 1952. Gives table and graphs illustrating new economical current densities adopted by joint resolution of the Min of Elec Power Stations and Glavelektromontazh, Min of Constr of Heavy Ind Enterprises and comments upon them. Submitted 27 Oct 51.

228T62

YERMILOV, A.A., inzhener.

Connecting an ampere meter in series with high voltage bus bars. Elektrichesstvo no.6:71 Je '53. (MLSA 6:7)

1. Tsentroelektromontash.

(Ammeter)

Subject : USSR/Electricity AID P - 702  
Card 1/1 Pub. 29 - 13/18  
Author : Yermilov, A. A., Eng.  
Title : Contemporary electric power distribution in industrial enterprises  
Periodical : Energetik, 8, 24-29, Ag 1954  
Abstract : The author describes various distribution diagrams according to the importance of industrial installations. 13 diagrams.  
Institution : None  
Submitted : No date

YERMILOV, A. A.

AID P - 3239

Subject : USSR/Electricity

Card 1/2 Pub. 29 - 24/30

Author : Yermilov, A. A., Eng.

Title : Contemporary schemes of supplying electric power to industrial establishments and their structural solutions

Periodical : Energetik, 8, 28-32, Ag 1955

Abstract : The author summarizes the decisions of the State Inspection of Electrical Establishments of the Ministry of Electric Power Stations concerning industrial power engineering and inspection (No. 2/48/e of Ja 1951). In these decisions a wide application of high and low voltage main lines, overhead 35 to 110-kv main feeders and overhead secondary mains serving as local distributing mains in the establishments is suggested. The author describes in detail an example of such a "deep feeder" with a 35-kv line built by the Rostov Branch of the "Tyazh-promelektroproyekt". One table, 10 drawings and connection diagrams.

Energetik, 8, 28-32, Ag 1955

AID P - 3239

Card 2/2 Pub. 29 - 24/30

Institution : None

Submitted : No date

KOZLOV, V.A., inzhener; KUDRYASHOV, S.A. (Kuybyshev); YERMILOV, A.A.,  
inzhener

Unit substations for large-scale application. Elektrichestvo  
no.10:68-73 0'55. (MLRA 8:12)

1. Tyazhpromelektroproyekt (for Yermilov)  
(Electric substations)

YERMILOV, A. A.

AID P - 3454

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 21/32

Author : Yermilov, A. A., Eng.

Title : Complete assembled substations of most wide use  
(article by A. A. Yermilov, this journal, No. 6, 1954;  
discussion)

Periodical : Elektrichestvo, 10, 71-73, 0 1955

Abstract : The author replies to the criticisms of V. A. Kozlov  
and S. A. Kudryashov (this journal, No. 10, 1955).  
He disagrees with V. A. Kozlov as to the scale of ca-  
pacities of the substations. Most of his remarks,  
according to the author, are based on an insignificant  
example to which the author devoted only few lines.  
The author also disagrees with the statement that he  
violated the Safety Rules. As to the remarks of S. A.  
Kudryashov, he also disagrees with him on short-circuit  
capacities. This is because existing types of circuit

Elektrichestvo, 10, 71-73, 0 1955

AID P - 3454

Card 2/2      Pub. 27 - 21/32

breakers used at these substations require such high limiting capacities. This corresponds also to standards accepted in the USA (see cut of an Allis-Chalmers complete substation). Finally, as regards the automation scheme, the author gives reasons why he considers connection diagrams presented in his article as satisfactory. One photograph, 1 drawing.

Institution : None

Submitted : No date



8 (3)

SOV/112-57-5-10149

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 5, p 80 (USSR)

AUTHOR: Yermilov, A. A.

TITLE: Modern Electric-Supply Circuits and Load-Importance Categories at Industrial Plants (Sovremennyye skhemy elektrosnabzheniya i kategorii otvetstvennosti elektricheskikh nagruzok promyshlennykh predpriyatiy)

PERIODICAL: V sb.: Tr. nauchn.-tekhn. soveshchaniya po elektrosnab. prom. predpriyatiy M.-L., Gosenergoizdat, 1956, pp 32-51

ABSTRACT: Design of electric-supply schemes for modern industrial plants is based on two methods: (1) using smaller substations, and (2) bringing the supply lines deep into the load area. The first method implies the minimum distance between a departmental substation and a load center, which insures savings on copper, reduced energy losses and voltage fluctuation. The second method permits connecting departmental substations directly to subtransmissions and eliminates main step-down substations or central distributing stations.

Card 1/3

SOV/112-57-5-10149

**Modern Electric-Supply Circuits and Load-Importance Categories at Industrial . . . .**

A deep entrance of 35-kv line as compared to the 6-10-kv line can result in savings up to 50-70%. A description and sketches are presented of some economical structural solutions: a small-size 35-kv substation for a deep entrance, "loop-connection boxes," and an "entrance unit" for underground-cable departmental lines with disconnecting switches. It is emphasized that 3-10-kv cables are increasingly replaced by busways, which are cheaper, more reliable, and have a higher overload capacity. A new power-distribution circuit using double bus connections between two supply sources insures a reliable link between the sources in addition to continuity of power supply to the consumers. Substituting busways for cables results in about 50% savings on copper and energy losses but is accompanied by a 10-30% increase in capital investment. A new suspension-insulator busway is described. Flexible busways are recommended for supplying industrial loads directly from 6-10-kv buses of generating stations and substations. Using flexible busways instead of cables within an

Card 2/3

304/112-57-5-10149

**Modern Electric-Supply Circuits and Load-Importance Categories at Industrial . . . .**

industrial department results in about 25% savings on capital investment. Three categories of load importance have been established on the basis of the required continuity of supply and minimum reserve costs. The first-category loads should be supplied at all times, or the supply should be instantly and automatically restored. A scheme with two independent power sources and sectionalized buses complies with this requirement. The second-category loads permit switching of the reserve by the personnel on duty. The third-category loads tolerate supply interruptions required by repair work on a faulty system component. Economical expansion of an electric-supply system is possible only with correct determination of load categories. It is suggested that tables of receiver categories for all branches of industry be developed and endorsed.

P. Ye. M.

Card 3/3

YERMILOV, A.A., inzhener; MATOCHIN, V.M., inzhener.

Conference on electrical equipment in Novosibirsk. Elektrichestvo  
no.4:91-92 Ap '56. (MIRA 9:?)  
(Novosibirsk--Electric apparatus and appliances--Congresses)

YERMILOV, A.A., inshener.

Use of load-breaking switches. Prom.energ. 11 no.1:4-11 Ja  
156. (MIRA 9:6)  
(Electric switchgear)

YERMILOV, A.A., inzhener.

Circuit breakers for electric furnaces. Prom.energ. 11 no.3:24-27  
Mr '56. (Electric circuit breakers) (MIRA 9:7)

YERMILOV, A

DANIILENKO, A.; CHUMAKOV, N.; SERBINOVSKIY, G.; GRACHEV, V.; KHRAMUSHIN, A.;  
SOKOLOV, B.; BOL'SHAM, Ya.; TAYTS, A.; NEYFEL'D, M.; FRENKEL', S.;  
LYUDMIRSKIY, I.; VAKSNIYY, A.; VESHENEVSKIY, S.; YERMILOV, A.;  
BROZGOL', M.; SOLOV'YEV, P.; KLYUYEV, S.; ROZENTAL', A.; SMIRNOV, V.;  
DOROFYUK, A.

Solomon Mikhailovich Livshits; obituary. Prom energ. 11 no.12:34  
D '56. (MIRA 10:1)

(Livshits, Solomon Mikhailovich, 1901-1956)

YERMILOV, A. A. inzhener.

Standard small and medium transformer substations. Elek.sta. 27  
no.4:21-25 Ap '56. (MLRA 9:8)  
(Electric substations)



YERMILOV, A.A.

Electrical equipment for residential buildings. Svetotekhnika }  
no.7:30-31 J1 '57. (ILRA 10:8)

1. Uchenyy sekretar' tekhnicheskogo soveta Gosudarstvennogo  
politekhnicheskogo instituta "Tyazhpromelektroproyekt".  
(Electric wiring)

*Yermilov, A.A.*

105-7-27/29

**AUTHOR:** Yermilov, A.A., Eng. (Moskva)

**TITLE:** In the Technical Council of Tyazhpromelektroproyekt  
(V tekhnicheskome sovete Tyazhpromelektroproyekta)

**PERIODICAL:** Elektrichestvo, 1957, Nr 7, p. 93 (USSR)

**ABSTRACT:** The Council of Tyazhpromelektroproyekt (State Design and Planning Institute for the Heavy Electrical Industry) heard reports by G.M. Levin on a new system of automatic stabilization of engine speed in case of sudden optimum loads, and by Ya. M. Ber on efficient connection diagrams of electricity supply in rolling mills.

**AVAILABLE:** Library of Congress

Card 1/1

YERMILOV, A.A.

KOZLOV, V.A.; KUDRYASHOV, S.A.; YERMILOV, A.A., inshonor.

Using load breaking switches; in regard to A.A. Brailov's article.  
Prom. energ. 12 no.3:5-8 Mr '57. (MIRA 10:4)

1. Leningradskaya kabel'naya set' Lenenergo (for Kozlov).
  2. Kuybyshevskiye otdeleniye GPI Elektriproekt (for Kudryashev).
  3. GPI "Tyashpromoelektproyekt" (for Yermolev).
- (Electric circuit breakers)

~~YERMILOV, A.A., inzhener.~~

Problems of introducing remote control of electric power systems in  
industrial plants. *Przem. energ.* 12 no.3:36-37 Mr '57. (MIRA 10:4)  
(Electric power) (Automatic control)

YERMILOV, A. A.

KISELEV, M.I.; YERMILOV, A.A., inzhener.

Operation of the VMS-133 cut-out switch in arc furnaces. Prom.  
energ. 12 no.6:6-8 Jo '57. (MIRA 10:7)

1. Krasnoyarskiy zavod (for Kiselev). 2. Gosudarstvennyy politekhnicheskii institut Tyazhpromelektroproekt.  
(Electric cutouts)

**YERMILOV, A.A.**

On methods of determining electric loads in industrial enterprises.  
Prom. energ. 12 no.7:37-38 J1 '57. (MLRA 10:8)

1. Uchenyy sekretar' Tekhnicheskogo soveta Gosudarstvennogo proyekt-  
nogo instituta "Tyashpromselektroproekt."  
(Electric power)

*Y. A. A.*  
BOL'SHAM, I. A. I.; YEMILOV, A. A.

Technical progress in the electrification of industry during  
the 40 years of Soviet rule. Prom.energ.12 no.11:24-28 N '57.  
(MIRA 10:12)

1. Gosudarstvennyy proyektnyy institut "Tyashpromoelektronproyekt."  
(Electrification)

BELOV, N.N.; BOZ'SHAM, Ya.M.; GORDEYEV, A.N.; GRACHEV, V.A.; YERMILOV, A.A.;  
ZAIMISKIY, A.M.; KIZNETTER, Ye.N.; KNOHRING, G.M.; KONSTANTINOV,  
B.A.; KOPYTOV, N.V.; LEVIT, G.O.; MILLER, G.P.; MAYFAL'D, M.P.;  
PRINIPSEV, A.A.; SHERBINOVSKIY, G.V.; SOKOLOV, B.A.; STASILOYTS, A.B.;  
TAYTIS, A.A.; KHRAMUSHIN, A.M.

Mikhail Konstantinovich Kharchev; obituary. Belov and others. Prom.  
(MIRA 10:12)  
energ. 12 no.12:33 D '57.  
(Kharchev, Mikhail Konstantinovich, 1896-1957)



YERMILOV, Aleksey Alekseyevich; TAYTS, A.A., red.; SUKHAREVA, R.A., tekhn.red.

[New and efficient methods in supplying electric power to various enterprises] Novye i ratsional'nye reshenia v elektroobrazovani predpriatii. Moskva, 1958. 40 p. (Peredovoi opyt proizvodstva. Seriya "Promyshlennaya energetika," no.2) (MIRA 12:4)  
(Electric power distribution)

AUTHOR: Yermilov, A.A., Engineer

SOV-91-58-4-2/29

TITLE: On the Article of S.S. Gadzhiyev "On the Increase of the Number of Consumer Lines Connected with One Common Switch of 6 and 10 kv"(Po povodu stat'i S.S. Gadzhiyeva "Ob uvelichenii chisla potrebitel'skikh liniy, podklyuchayemykh pod odin vyklyuchatel' 6 i 10 kv")

PERIODICAL: Energetik, 1958, <sup>6</sup>/<sub>1</sub> Nr 4, pp 3-5 (USSR)

ABSTRACT: The author describes the common switch diagrams in figure 1 and 2 and states that such systems can be temporarily used in case of failure, as they guarantee an uninterrupted feeding. They can also be utilized on 2 lines for small power objects requiring uninterrupted feeding. Such systems are permitted under the New Regulations of Electric Installations for cable lines with 2nd category loads where replacement of the cable is difficult and a long interruption of feeding is not permissible. It is not recommended, however, that this system be used with more than 2 lines.

Card 1/2

SOV-91-58-4-2/29

On the Article of S.S. Gadzhiyev "On the Increase of the Number of Consumer Lines Connected with One Common Switch of 6 and 10 kv".

There are 2 diagrams and 2 Soviet references.

1. Switching systems--Applications
  2. Electrical networks
- Equipment

Card 2/2

YERMILOV, A.A., insh.

Commutation circuits with shorting devices. Prom. energ. 13 no.5:  
19-22 My '58. (MIRA 11:8)

1. Gosudarstvennyy proyektnyy institut Tyazhpromelektroproyekt.  
(Commutation (Electricity))

YERMILEV, A.A., insh; SEULIN, N.A., insh; CHIZHISHIN, P.L., insh.; CHEPELIN, Yu.M., insh.; MUSATOV, T.P., insh.; FEDOROV, A.A., kand.tekhn.nauk; YAROSHETSKIY, L.M., insh.; GOL'DENBLAT, B.I., insh.; KUDRYASHOV, S.A., insh.; ZAKHAROV, N.N., insh.; SHCHUKIN, B.D., insh.

Improving planning of industrial power supply. Prom. energ. 13 no.7: 18-29 J1 1958. (MIRA 11:10)

1. Tyashpromselektroproyekt. (for Yermilev). 2. Zhenproyektas, g. Kaunas (for Chepele). 3. Donbassenergo (for Musatov). 4. Moskovskiy energeticheskiy institut (for Fedorev). 5. Usgiprevedkhoz, g. Tashkent (for Yaroshetskiy). 6. Proyektnyy institut Ministerstva stroitel'stva USSR, Odessa (for Gol'denblat). 7. Elektroproyekt, g. Kuybyshev (for Kudryashov). 8. Gosradioelektronika (for Zakharov). 9. Sidroproyekt, g. Kuybyshev (for Shchukin).

(Electric power)

AUTHOR: Yermilov, A. A. 94-13-7-18/25  
TITLE: Large Unit Erection of Electrical Equipment  
(Krupnoblochnyy montazh elektrooborudovaniya)  
PERIODICAL: Promyshlennaya Energetika, 1958, Vol 13, Nr 7, p 35  
(USSR)  
ABSTRACT: On October 17, 1957 there was a session of the technical council of the State Planning Institute Tyazhpromelektroproyekt on the large unit erection of electrical equipment. The Technical Council of the Institute took a number of decisions on the further development of industrial methods of electrical erection work and in particular on the use of large unit erection. One of the main tasks is to introduce as widely as possible the manufacture of complete and packaged installations. Design should provide for electrical installation work to be carried out in completed buildings. Designs should be prepared for pre-erection of large units of busbars and similar structures. In

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Large Unit Erection of Electrical Equipment 94-13-7-18/25

making working drawings of equipment special provision  
should be made for splitting them into large  
erectional units.

ASSOCIATION: Tyazhpromelektroproyekt [State Design and Planning  
Institute (for heavy electrical industry)]

Card 2/2

1. Electrical equipment - Design
2. Electrical equipment -  
Installation

YERMILOV, A.A., insh.

Author's reply. Elek.sta. 29 no.1:90-91 Ja '58. (MIRA 11:2)  
(Electric substations)



YERMILOV, A.A.

From the work of technical council of the State Design and  
Planning Institute of Heavy Electrical Equipment. Prom. energ.  
15 no.7:58 J1 '60. (MIRA 15:1)  
(Electric power distribution)

8 (6)

AUTHOR: Yermilov, A. A., Engineer

SOV/105-59-8-23/28

TITLE: On Main Trends in the Development of Electric Supply Systems of Industrial Enterprises

PERIODICAL: Elektrichestvo, 1959, Nr 8, pp 85 - 86 (USSR)

ABSTRACT: An extended meeting of the sektsiya energovoorusheniya Nauchno-tekhnicheskogo soveta po kompleksnoy mekhanizatsii i avtomatizatsii Gosplana SSSR (Section for Electrical Equipment of the Scientific and Technical Council for Comprehensive Mechanization and Automation of the Gosplan of the USSR), was held on March 7, 1959. This conference dealt with the main trends in the development of electric supply systems of industrial enterprises. The following persons held lectures: A. A. Yermilov (Tyazhpromelektroproyekt), Yu. Ye. Zaleskiy (Giproavtoprom), Ye. N. Priklonskiy (Giproazot), G. V. Serbinovskiy (Gosinspektai-ya po promenergetike i energonadsoru (State Inspection of promenergetika and energonadsor)), and M. I. Trekhov (avtozavod im. Likhacheva (Automobile Works imeni Likhachev)). The lectures were discussed by P. G. Grudinskiy (MEI), I. A. Syromyatnikov (GNTK), V.M. Tulin (Gosplan SSSR), A. A. Fedorov (MEI), et al. The section recommended measures for the reduction

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**On Main Trends in the Development of Electric Supply Systems of Industrial Enterprises** 80V/105-59-8-23/28

of non-recurrent expenditure, of losses in electric energy, and of the increase of the overall reliability and elasticity of the electric supply systems of industrial enterprises. High-voltage installations should be erected as near as possible to the electrical equipment of the consumers. The number of grid elements and the steps of intermediate transformation and commutation should be limited to a minimum. In the supply- and distribution systems of industrial enterprises voltages of up to 500 kv should be introduced. Provisions should be made in the GOST specifications covering 660 v and 20 kv. The grids controlled by various authorities should be linked to a large extent, and the unification of industrial, municipal, and other grids should be aimed at. Problems arising in the electric supply of enterprises must be solved by close collaboration of energy-system authorities and the planning authorities. A number of recommendations were given concerning the operating reliability of the individual members of electric supply systems and the realization of economical operation. Measures for reducing the unfavorable influence of transient and rapidly

Card 2/3

**On Main Trends in the Development of Electric Supply Systems of Industrial Enterprises** SOV/105-59-8-23/28

changing shock loads of synchronous motors, arc furnaces, mercury-arc rectifiers, etc upon the operation of other consumers were outlined. A system of voltage regulation should be introduced in all sections of industrial systems. An automatic control of synchronous condenser installations by means of transverse compensation should be provided in the planning stage. A further improvement of the power factor, which is considered indispensable, should be attained by a better utilization of electrical equipment, by the use of synchronous motors and static condensers. Telemechanisation is advisable only in cases in which it will offer considerable reduction of cost. Criticism was brought forward concerning the fact that no uniform method exists for technical and economical calculations and for the determination of the quantities and categories of electric loads. It was decided therefore to ask P. G. Grudinskiy, A. A. Yermilov, Yu. Ye. Zaleskiy, Ye. N. Priklonskiy, G. V. Serbinovskiy, I. A. Syromyatnikov, and A. A. Fedorov to work out such a method. It was also decided to publish the lectures held in this conference in the current year.

Card 3/3

YERMILOV, A.A.

Consideration of impact loads in the design of electric power supply  
for industrial enterprises. Prom. energ. 15 no. 9:44-46 S '60.  
(MIRA 13:10)

1. Gosudarstvennyy proyektnyy institut "Tyashpromoelektrproyekt."  
(Electric power)

AVINOVITSKIY, I.Ya.; ALEKSEYEV, S.V.; BARANOV, B.M.; GEL'MAN, R.Ye.;  
DVOSKIN, L.I.; DOIGINOV, A.I.; YERMILOV, A.A.; ZALESKIY, Yu.Ye.;  
KAMENEVA, V.V.; KLIMIKSEYEV, V.M.; KNYAZEVSKIY, B.A.; KUZNETSOV,  
P.V.; RIVKIN, G.A.; FEDOROV, A.A.; SERBINOVSKIY, G.V., red.;  
BOL'SHAM, Ya.M., red.; BRANDENBURGSKAYA, E.Ya., red.; VORONIN,  
K.P., tekhn. red.

[Manual for power engineers of industrial enterprises in four  
volumes] Spravochnik energetika promyshlennykh predpriyatii v  
chetyrekh tomakh. Moskva, Gosenergoizdat. Vol.1. [Electric power  
supply] Elektrosnabzhenie. Pod obshchei red. A.A.Fedorova, G.V.  
Serbinovskogo i I.A.M.Bol'shama. 1961. 840 p. (MIRA 15:6)  
(Electric engineering)

SOKOLOV, B.A., inzh., red.; YERMILOV, A.A., inzh., red.; STRASHNYKH, V.P.,  
red. izd-va; KASIMOV, D.Ya., tekhn. red.

[Directives no. SN 174-61 on the design of electric power supply systems for industrial enterprises] Ukazaniia po proektirovaniu elektrosnabzheniia promyshlennykh predpriatii SN 174-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 65 p. (MIRA 15:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam  
stroitel'stva.

(Electric power distribution)

YERMILOV, A.A., inzh.

Concerning separate and joint power supply to power systems  
and electric lighting systems. Svetotekhnika 7 no.8:27-28  
Ag '61.

(MIRA 14:7)

(Electric lighting)

(Electric power distribution)



RODIONOV, V.A., inzh. (Moskva); YERMILOV, A.A., inzh. (Moskva)

Principal trends in carrying-out overall electrification.  
Elektrichestvo no.8:83-85 Ag '61. (MIRA 14:10)  
(Electrification)

YERMILOV, A.A., inzh.

Response to A.V. Bondar', IU.A. Zdorikov and G.I. Oboev's  
article. Elek.sta. 32 no.9:93-8 '61. (MIRA 14:10)

(Electric cutouts)

(Bondar, A.V.)

(Zdorikov, IU.A.)

(Oboev, G.I.)

YERMILOV, A.A.

Concerning auxiliary connections in the electric power distribution  
networks of industrial enterprises. Prom.energ. 16 no.11:49-50  
N '61. (MIRA 14:10)

1. Gosudarstvennyy proyektnyy institut "Tyazhpromlektroproyekt".  
(Electric power distribution)

KIZEVETTER, Ye.N.; KLEYN, P.N.; KHARCHEV, M.K. [deceased];  
VOLOBRINSKIY, S.D.; GRODSKIY, S.Ye.; YERMILOV, A.A.;  
KAYALOV, G.M.; LIVSHITS, D.S.; MAKSIMOV, A.A.; MESHEL',  
B.S.; MUKOSEYEV, Yu.L.; OGORODNOV, S.I.; ROZENBERG, V.A.;  
SHRAYBER, L.G.; ZALESSKIY, Yu.Ye., retsenzent; TOKHVIDOV,  
E.S., retsenzent; FEDOROV, A.A., retsenzent; SAVEL'YEV,  
V.I., red.; LARIONOV, G.Ye., tekhn. red.

[Temporary instructions for determining the electrical loads  
of industrial enterprises] Vremennyye rukovodiashchie ukaza-  
niya po opredeleniyu elektricheskikh nagrusok promyshlennykh  
predpriyatii. Moskva, Gosenergoizdat, 1962. 45 p.

(MIRA 16:2)

1. Russia (1923- U.S.S.R.) Glavnoye energeticheskoye uprav-  
leniye. 2. Leningradskoye otdeleniye Gosudarstvennogo pro-  
yektного instituta tyazheloy promyshlennosti (for Kizevetter,  
Kleyn, Kharchev). 3. Komissiya po elektricheskim nagruskam  
Nauchno-tekhnicheskogo obshchestva energeticheskoy promyshlen-  
nosti (for Volobrinskiy, Grodskiy, Yermilov, Kayalov, Livshits,  
Maksimov, Meshel, Mukoseyev, Ogorodnov, Rosenberg, Shrayber).  
(Electric power distribution)

YERMILOV, M.A., inzh.

In response to I.B.Aksenton's article "Technical and economic indices of the plans for electric power supply of industrial enterprises." Prom.energ. 17 no.10:35-36 0 '62. (MIRA 15'9)  
(Electric power distribution) (Aksenton, I.B.)

BANDURIN, V.V.; YERMILOV, A.A.

In the Technical Council of the State Design and Planning Institute  
for Heavy Electric Industry. Prom.energ. 17 no.10:47 0 '62.  
(MIRA 15:9)

(Lightning protection)

YERMILOV, A.A.

Use of 600 volt power transmission systems. Prca. enarg. 18  
no.6:51-52 Ja '63. (MIRA 16:7)

(Electric power distribution)

YERMILOV, Aleksey Alekseyevich; IOKHIDOV, E.S., red.; BORUNOV, N.I.,  
tekhn. red.

[Principles of electric-power supply to industrial enter-  
prises] Elektrosnabazheniia promyshlennykh predpriatii.  
Moskva, Gos. energoizdat, 1963. 343 p. (MIRA 16:10)  
(Electric power distribution)



YERMILOV, A.A.

Serial electrical equipment in large blocks. Prom. energ. 18 no.8:  
54-55 Ag '63. (MIRA 16:9)  
(Electric equipment and supplies)

YERMILOV, A.A.

Work of the joint technical council of the State Design and Planning Institute of the Electrical Industry. Prom. energ. 18 no.11: 55 N '63. (MIRA 16:12)

YERMILOV, A.A.

Designing and adjustment of the electrical equipment of cold  
rolling departments of metallurgical plants. Prom.energ. 19  
no. 2:50-51 F 164. (MIRA 17:5)

YERMILOV, A.A.

In the technical council of the State Design and Planning  
Institute for Large Electrical Machines. Prom. energ. 19  
no. 5:49-50 My '64. (MIPA 17:6)

YERMILOV, A.A., Inzh.

Complex technological and economic decisions in the electric  
power supply of industrial enterprises. from. energy. 19 no. 46  
26-30 Ja'61 (MIRA 1961)

YERMILOV, A.A., inzh.

Use of 110 kv. cables in the electric power supply systems  
of industrial enterprises. Prom. energ. 20 no.11:34-39  
N '65. (MIRA 18:11)

YERMIOV, A.A.

Measures for maintaining optimum voltage levels. Prom. energ.  
20 no.6:46-47 Je '65. (MIRA 18:6)

YERMILOV, Mleksey Alekseyevich; LEZNOV, S.I., red.

[Electric-power supply of industrial enterprises]  
Elektrosnabzhenie promyshlennykh predpriatii. Mo-  
skva, Energiia, 1965. 91 p. (Biblioteka elektro-  
montera, no.161) (MIRA 18:7)



YERMILOV, A.A.

Electric supply of large enterprises of ferrous metallurgy.  
Stal' 25 no.12:1147-1154 D '65. (MIRA 18:12)

1. Tjashpromselektroproyekt.

L 27947-66

ACC NR: AR6017709

SOURCE CODE: UR/C105/66/000/001/0086/0086

AUTHOR: Avilov-Karnauchov, B. H.; Bol'sham, Ya. M.; Venkov, V. A.; Velebrinskiy, S. D.; Yermilov, A. A.; Konstantinov, B. A.; Knyazevskiy, B. Ye.; Minin, G. I.; Miller, G. R.; Mukoseyev, Yu. L.; Petrov, I. I.; Serbinovskiy, G. V.; Syromyatnikov, I. A.; Fedorov, A. A.; Kholmiskiy, G. V.; Shagalov, A. S.; Chilikin, M. G.

ORG: none

TITLE: Prof. Georgiy Mikhaylovich Kayalov (on his 60th birthday)

SOURCE: Elektrichestvo, no. 1, 1966, 86

TOPIC TAGS: academic personnel, electric engineering personnel, electric equipment

ABSTRACT: In 1929, G. M. Kayalov completed the electrotechnical department of the Mechanical Faculty of the Novocherkassk Polytechnical Institute. Until 1947, he worked in the planning department of the Rostov Division of the All-Union Electrotechnical Union. In this time, he rose to the position of Chief Engineer. He directed the planning of a large number of important pieces of electrical equipment for various projects. He was active in the postwar restoration of many important industrial enterprises. He is the author of almost 70 published works, and has made a great contribution to modern, scientifically based methods of design and analysis of electrical loads for industrial equipment. He is on a number of commissions and in many scientific and technical societies. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1 BLC

UDC: 621.34

YERMILOV, A.A.

Use of factory manufactured sheathed bus conductors. Prom. energ.  
20 no.1:46 Ja '65. (MIRA 18:4)

FILATOV, F.I.; KOLPASHNIKOV, A.I.; Prinimali uchastiyet: POTAPOV, P.I.;  
YERMULOV, A.M.; TOLMACHEV, B.Ya.; KHARITONOV, A.Ya.

Determination of residual stresses in the brake drums of airplane  
wheels. Zav.lab. 28 no.2:223-224 '62. (MIRA 15:3)  
(Airplane--Brakes) (Strains and stresses)

YERMILOV A. P.

AUTHOR: Yermilov, A. P.

30-12-25/45

TITLE: For Unbreakable Ties With the People's Life.

(Za nerazryvnuyu svyaz' s zhizn'yu naroda).

II. Discussion of N. S. Khrushchev's Statements on Problems of Literature and Art (Obsuzhdeniya vystupleniy N. S. Khrushcheva po vo=prosam literatury i iskusstva).

PERIODICAL: Vestnik AN USSR, 1957, Vol. 27, Nr 12, pp. 91-92 (USSR).

ABSTRACT: N. S. Khrushchev, by his remarks on the problem of literature and art, demanded with renewed force that contact between the social sciences and the practice of Communist reconstruction be consolidated. The demands of the Communist Party formulated therein are directed not only upon those who are busy in the field of Soviet literature and art, but also those who work in the field of philosophy. As already stressed in the lecture and by the remarks made by participants in the discussion, great stimulus has been given to the development of the social sciences after the 20th Congress of the Communist Party of the Soviet Union, especially in connection with the abolition of the negative consequences of the Stalin cult. The Institute for Philosophy achieved positive results as regards the transformation of scientific research work in the light of the demands of the 20th Congress. Alone in this year such serious collective

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For Unbreakable Ties With the People's Life.  
II. Discussion of N. S. Khrushchev's Statements on Problems of Literature and Art.

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works were published as the 2 first volumes of the "History of Philosophy", "The Part Played by the Masses of the People and by Personality in History", "Modern Subjective Idealism", "Critical Sketches", "Thought and Language", and a number of monographs. However, as those who took part in the meeting emphasize, the institute cannot be content with its work. The majority of expenses are of a popular-scientific and pedagogical character. This is not enough. P. N. Fedoseyev maintained that a more thorough investigation of real and complicated processes of life is now the task in the foreground. The work performed by the sector for historical materialism was subjected to just criticism. The participants in the discussion criticized serious faults in the preparation of the work "Rules Governing the Development of Social Society". Ye. P. Sitkovskiy, M. Sh. Bakhitov, A. I. Kompaneyets, Ye. P. Modrzhinskaya, Z.V. Smirnova and others stressed the fact that the struggle against reactionary bourgeois ideology was not being carried out with proper energy. In this connection the book "The Bases of Marxist-Leninist Aestheticism", which was prepared by the institute, as well as the book by V. V. Vanslov "Problems of Beauty" was criticized. In connection with the faults found in the works on the generalization of the achievements of natural sciences, the collaborators of the institute were advised to devote more

Card 2/3

For Unbreakable Ties With the People's Life . 30-12-25/45  
Discussion of N. S. Khrushchev's Statements on Problems of Literature and Art.

attention to such concrete sciences as physics, mathematics, and biology. They were further advised to prepare themselves more thoroughly for the coming All-Union conference on philosophical problems of natural science.

AVAILABLE? Library of Congress.

1. Literature--USSR 2. Art--USSR

Card 3/3

**AUTHORS:** Linkun, N. I., Candidate of Economics, 30-58-5-30/36  
Yermilov, A. P.

**TITLE:** Discussion of the Problems of a Reorganization of the  
MTS (Obsuzhdeniye voprosov reorganizatsii MTS).  
In the Meetings of the Associates of the Institute  
of Economics and the Institute of Philosophy  
(Na sobraniyakh sotrudnikov Instituta ekonomiki i Insti-  
tuta filosofii)

**PERIODICAL:** Vestnik Akademii Nauk SSSR, 1958, , Nr 5,  
pp. 126-130 (USSR)

**ABSTRACT:** At the end of the year 1958 an All-Union Conference shall  
be called for the purpose of generalizing the first ex-  
perience in the reorganization of the MTS which shall also  
work out the necessary recommendations on the further per-  
fection of the production of collective economy. Accord-  
ing to the opinion of the collaborators of the institute  
it would be necessary to establish special repair shops in  
the kolkhozes. The service stations existing in the country  
should be specialized and supply the kolkhozes and state

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Discussion of the Problems of a Reorganization  
of the MTS. In the Meetings of the Associates  
of the Institute of Economics and the Institute of  
Philosophy

30-58-5-30/36

farms with spare parts for tractors, harvester threshers, motor vehicles and others. The workers of the MTS which change over to the kolkhozes must maintain their earnings and the rights of workers and employees of a state enterprise. The agricultural secondary schools should adapt the science of agricultural machines as a subject. The questions of the financing of kolkhozes are considered as very important. A current amortization must also be organized which requires a revaluation of the kolkhoz property. For the purpose of buying fuel and lubricants the working capital of the kolkhozes must be increased and the problem of bank credits settled. The existing method of the raising of money and buying must be changed, the state should make several years contracts with the kolkhozes. An economic estimation of the country as well as a correct determination of the dimensions and the drawing of the differential revenue shall also be performed. The problem of soil-land-registers, the quality estimation of the soil as well as the differen-

Card 2/4

Discussion of the Problems of a Reorganization of the 30-58-5-30/36  
MTS. In the Meetings of the Associates of the Institute  
of Economics and the Institute of Philosophy

tial revenue should within a short period be realized by the AS USSR (Soil Institute and Institute of Economics) and other scientific research institutes as well as the corresponding state organs.

The collective of the Institute for Philosophy AS USSR in its plenary meeting discussed the measures of the communist party and the Soviet government concerning the future development of the kolkhoz order as well as the reorganization of the machine and tractor stations. The following persons took part in the meeting: representatives of the kolkhozes, functionaries of the MTS, representatives of public organizations of the Novo-Petrovsk district, region of Moscow, P. N. Fedoseyev, Director of the Institute for Philosophy, in his report emphasized that the problem of the reorganization of the MTS not only was of a practical but also of a great theoretical importance. In the discussion I. M. Bakay, Director of the Vasil'yevsk MTS, described the powerful rise of ini-

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Discussion of the Problems of a Reorganization of the 30-58-5-30/36  
MTS. In the Meetings of the Associates of the  
Institute of Economics and the Institute of Philosophy

tiative which is at present observed among the kolkhoz farmers and mechanizers. V. P. Chertkov spoke on the form of development of socialist society. Ts. A. Stepanyan emphasized that at present a further approach of two forms of property takes place in the kolkhoz village, the kolkhoz property drawing towards the people's property. A. V. Korneyev, President of the kolkhoz "Iskra", V. K. Pavlov, President of the kolkhoz "Nikol'skoye", N. A. Fokina, Secretary of the RK KPSS, Novo-Petrovskoye, reported on complicated processes in the Soviet village. A. T. Fedorova spoke on the necessity of improving the teaching of historical materialism. M. D. Kammari, chief editor of the periodical "Voprosy filosofii" advocated the opinion that the philosophers should more deeply penetrate into the problems of economics. The assembly approved of the solutions of the further development of the kolkhoz order and outlined a number of concrete measures for the future.

Card 4/4

1. Social sciences--USSR 2. Economic conditions--USSR

VOLOBUYEV, N.K.; YERMILOV, A.S.

Classification of suspensions using a vibrating filtering unit.  
Khim. i tekhn. topl. i masel 9 no.12:35-37 D '64. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti i gaza i polucheniya iskusstvennogo zhidkogo topliva.

SHEKHTER, M.N.; YEVSTRATOVA, N.I.; KALASHNIKOV, V.P.; NIKOLAYEVA, V.M.;  
YERMILOV, A.S.

Lubricating and cooling fluids with molybdenum disulfide. Stan 1  
instr. 36 no. 12:13-15 D '65 (MIRA 19:1)

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SOV/81-59-13-47276

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24.1900

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 13, pp 432 - 433 (USSR)

AUTHORS: Yermilov, A.S., Oparina, Ye.M.

TITLE: The Increase in the Thermal Stability of Silicon Liquids by Means of Ultrasound and Antioxidation Admixtures

PERIODICAL: Tr. Vses. N.-i. in-ta topliva, 1958, Nr 7, pp 409 - 414

ABSTRACT: The action of ultrasound on the thermal stability of silicon liquids (SL) has been investigated. The liquids were irradiated for 1 - 20 minutes at an ultrasonic frequency of 300 kc, an intensity of 40 - 60 w/cm<sup>2</sup>, a layer thickness of 49 mm. The thermal stability was studied by the kinetics of the change in the kinematic viscosity at 20°C and the time of gelatinization of SL exposed to ultrasound in dependence on the time of thermostatic regulation at 200°C. It has been shown that non-irradiated SL gelatinize after thermostatic regulation in the course of 90 hours, whereas irradiated SL preserve their fluidity for 120 - 150 hours. For several SL the optimum time of irradiation proved to be 4 minutes, and the stability

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SCV/81-59-13-47276

The Increase in the Thermal Stability of Silicon Liquids by Means of Ultrasound and Antioxidation Admixtures

of SL increased 1.6 times and more. At the addition of anti-oxidation admixture (aldol-  $\alpha$ -naphthylamine) to irradiated SL their thermostability increase still more.

G. Margolina

Card 2/2

YERMILOV, A.S., Cand Tech Sci (diss) "Application of  
ultrasound in ~~the structure of~~ <sup>the structure of</sup> tricomponent consistent greases."  
Mos 1958, 8 pp. <sup>Gosplan</sup> (State Planning USSR. All-Union Sci Res Inst  
for ~~the processing of~~ <sup>the processing of</sup> Petroleum and Gas and ~~the production of~~ <sup>the production of</sup> Synthetic

Liquid Fuel VNIINP) 150 copies (KL, 32-58, 108)



YERMILOV, A.S.; VOLOBUYEV, N.K.

Continuous filtration by means of acoustic vibrations. Khim.  
i tekhn. topl. i masel 5 no. 11:54-57 N '60. (MIHA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti gaza i polucheniya iskusstvennogo zhidkogo topliva.  
(Acoustic filters)

S/661/61/000/006/041/031  
D202/D302

AUTHORS: Oparina, Ye. M., Tubyanskaya, G. S. and Yermilov, A. S.  
TITLE: Investigating thermal stability of polysiloxane fluids  
SOURCE: Khimiya i prakticheskoye primeneniye kremneorganicheskikh soedineniy; trudy konferentsii. no. 6: Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt. prim. kremneorg. soyed., Len., 1958. Leningrad, Izd-vo AN SSSR, 1961, 181-184

TEXT: A discussion on a previous report (no. 2, p. 50, this publication) in which Ye. M. Oparina, A. K. Andrianov (Moscow), L. V. Gornets (Moscow), N. N. Sokolov (VEI, Moscow), I. F. Ponomarev, Politekhnikhskiy institut, Novocherkassk (Novocherkassk Polytechnic Institute) and I. A. Zubkov (Moscow) took part. The author defended her opinion that irradiation with ultrasonics has in general a favorable effect on the thermal stability of liquid organosilicon polymers. The opponents concluded that present methods for determining the stability of polysiloxanes ought to be revised and more suitably adapted for definite purposes. ✓

Card 1/1

S/194/62/000/004/063/105  
D295/D308

AUTHORS: Yermilov, A. S. and Volobuyev, N. K.

TITLE: The filtration of thin suspensions by means of acoustic oscillations

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-5-37u (V sb. Primeneniye ul'-traakust. k issled. veshchestva. no. 14, M., 1961, 53-60)

TEXT: The possibility of filtrating thin suspensions of solid components of lubricants by means of an acoustical filter is investigated. Existing theories and hypotheses explaining the operation of such a filter are reported. A series of acoustical filters of new design have been manufactured, whose construction and operational results are described. In general, the results have been unsatisfactory, except in the case of a construction with parachute silk, in which the silk is clamped between two discs fixed at the end of a concentrator, connected to a magnetostriction transducer. Molyb-  
Card 1/2

S/194/62/000/004/063/105

The filtration of thin ...

denite in butylacetate and alcohol was filtrated satisfactorily.  
The fraction obtained was close, in the dimensions of the particles,  
to the conventional 0.2  $\mu$  fraction obtained by setting. [Abstrac-  
ter's note: Complete translation.] ✓

Card 2/2

YERMEKOV, M.A. [Iermekov, M.A.], kand. tekhn. nauk; KHOMENKO, T.N.

Production and properties of mixed granular mineral fertilizers  
based on Kaluga potassium sulfate. Khim. prom. no.4:59-60  
O-D '64. (MIRA 18:3)

YERMEKOV, M.A. [Iermekov, M.A.], kand. tekhn. nauk

Photocolorimetric determining of phosphorus in the feeding solutions  
for vegetable growing with the hydroponic method. Khim. prom. [Mkr.]  
no.3:47-48 J1-S '64.

Scientific and methodological conference on the application of  
hydroponics in agriculture. Ibid.:85

(MIRA 17:12)

YERMEKOVA, D.A.; BELYAKOVA, Ye.V.

Case of arsenic poisoning. Zdrav. Kazakh. 22 no.5:68-71 '62.  
(MIRA 15:6)

1. Iz kafedry fakul'tetskoy terapii (zav. - dotsent Ye.A.  
Mezenchuk) Kazakhskogo meditsinskogo instituta.  
(ARSENIC POISONING)

YE. RYEMENKO, H.

YEREMENKO, A. (Poselok Dzerzhinskiy, Khakasskoy avtonomnoy oblasti);

LAVRENKO, S. (Poselok Dzerzhinskiy, Khakasskoy avtonomnoy oblasti)

They saw the results of their work. Sov.profsoiuzy 5 no.11:73-74  
N '57. (MIRA 10:11)

(Krasnoyarsk Territory--Motortrucks)



YERMENKO, S.A.; KRAVTSOV, M.P.

Morphological changes in the skin and nerve apparatus of a rabbit  
caused by the action of rays from radioactive arsenic. Sbor.nauch.  
rab.Bel.nauch.-issl.kozhno-ven.inst. 6:106-111 '59. (MIRA 13:11)

(SKIN)

(NERVOUS SYSTEM)

(ARSENIC--ISOTOPES)

YERMEKO, V. M.,

YERMEKO, V. M., inzh.

Improve safety precautions in sorting yards. Zhel. dor. transp. 39  
no. 12:75-76 D '57. (MIRA 11:1)  
(Railroads--Safety measures)

YERMENSON, Ya.I.

Gas-pipeline accident prevention. Gaz. delo no.1:12-14 '65.  
(MIRA 18:6)

1. Torzhokskoye rayonnoye upravleniye magistral'nykh gazoprovodov.

DOBRYAK, V.A.; YERMEYAN, G.P.

Raising the qualifications of engineers and technicians. Avt.dor.  
21 no.9:24-25 5 '58. (MIRA 11:11)  
(Road construction workers)

COUNTRY : USSR

P-5

CATEGORY :

ABR. JOUR. : RZBiol., No. 19, 1958, No. 87648

AUTHOR : Yermi, T.

INST. :

TITLE : On Some Theoretical Problems of Biocenologic Research in Applied Entomology.

ORIG. PUB. : Zh. obshch. biologii, 1957, 18,  
No 4, 263-274

ABSTRACT : Biocenosis (B) -- is the combination of vegetation and all populations of heterotrophic organisms which exist at its expense. Negation of the factual existence of B is unsound, as is also the standpoint which regards them as organisms of higher order, capable of self-regulation and in a state of equilibrium. Biocenology is a branch of ecology, which derives general conclusions from data of auto-ecologic studies of populations of different species which live in association. Biocenology, in its most widely accepted meaning -- a statistical processing of data relating to numerical strength of the different species which inhabit a given territory -- is

CARD: 1/2

Country : USSR  
CATEGORY :

F-5

ABR. JOUR. : RZBiol., No. 19, 1958, No. 87648

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : merely quantitative faunistics, even though its data are very rewardingly utilized in ecologic characterization of individual biotopes. There is no fundamental difference between natural and cultural B, since in both instances the numerical strength of the individual species is determined by a multitude of factors, a closed cycle of matter takes place, and definite correlations in population-dynamics become established between the individual species. Studies of fauna of cultural biotopes must be based on thorough ecologic study of the individual species and of their mutual connections with the other members of the B. -- G. A. Viktorov.

CARD: 2/2

ALEKSANDROV, K.K.; YERMICHEV, I.M.

Temperature conditions of rails. Put' 1 put.khoz. 8 no.6:17-18 '64.  
(MIRA 17:9)

1. Glavnyy inzh. sluzhby puti, Tashkent (for Aleksandrov). 2. Nachal'nik  
Tashkentskoy geofizicheskoy stantsii (for Yermichev).

YERMICHEV, V.A.; ZIL'BERMAN, G.M., dots., red.

[Methodological manual for calculating mechanical transmissions for machinery; for correspondence students] Metodicheskoe posobie po raschetu mekhanicheskikh peredach v mashinakh dlia studentov-zaochnikov. Perm', Permskii sel'skhoz. in-t im. D.N.Prianishnikova, 1963. 109 p. (MIRA. 17:8)



VERMILIN, K. S.

K voprosu o Razryvnykh Resheniyakh v Variatsionnom ischislenii. Tbilisi, Trudy matem. In-Ta Gr. Fil. An. 1(1937), 65-71. Ob odnoy zadache variatsionnogo ischisleniya. Tbilisi, trudy matem. in-ta Gr. Fil. an, 4(1938), 135-162. Ob Ekstremume integralov v sluchaye razryvnoy podintegral' noy funktsii. IAN, Ser. matem, 5(1941), 269-276.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.  
Markushevich, A I.,  
Rashevskiy, P. K.  
Moscow-Leningrad, 1948

YERMILIN, K.S.

Some problems in the calculus of variations. Uch. zap. LGU no.111:  
207-217 '49. (MLRA 10:8)

(Calculus of variations)

157T27

USSR/Electricity - Motors, Direct Current Jan 50  
Starting, Rheostatic

"Rheostatic Starting of Small DC Shunt Motors  
in Independent Installations," Prof N. P. Yermi-  
lin, Dr Tech Sci, Leningrad Elec Eng Inst Invent  
Ul'yanov - Lenin, 3 pp

"Elektrichestvo" No 1

Examines rheostatic starting and reversing of  
small DC shunt motors in installations of limited  
power. Investigates starting currents and aver-  
age losses in copper armature windings, depending

157T27

USSR/Electricity - Motors, Direct Current Jan 50  
(Contd)

on duty classification of motor. Illustrates re-  
sults by numerical examples and experimental data.  
Submitted 30 Aug 49.

157T27

YERMI LIN, N. P. , PROF

YERMILINA, A.

"Alcoylation de l'aniline en presence des catalyseurs mixtes. Communication III".  
Chouikine, N.I., Bitkova, A.N. et Iermilina, A. (p. 774)

SO: Journal of General Chemistry. (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 5.

YERMILINA, M.F.

Country : USSR

Category: Cultivated Plants. Grains.

M

Abs Jour: RZhBiol., No 11, 1958, 48842

Author : Yermilina, M.F.

Inst : -

Title : A New Promising Variety of Winter Wheat.

Orig Pub: Gos. s.-kh. opytn. st., 1957, 1, 33-35

Abstract: With regard to winter resistance, yield and drought resistance variety Lutescens 2269 is superior to the districted Lutescens 1060/10. The grain does not differ from the grain of Lutescens 1060/10 in regard to physical and chemical properties and also in regard to protein content.

Card : 1/1

YERMILOV, A.A.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810012-1"

Concerning the channeling of low-voltage power distribution networks in rolling mills. Prom.energ. 18 no.244-45 P '63.

(MIRA 1612)

(Rolling mills)

YERMILOV, A.A.

Contactless control of the feed of blast furnaces. *Prom.energ.*  
18 no.2:45 F '63. (MIRA 16:2)  
(Blast furnaces)

UGRYUMOV, V.M.; AVTSYN, A.P.; VIKHERT, T.M.; ZETOV, Yu.V.; IVANOV-DYATLOW,  
F.G.; VERMILOV, A.A.

Severe experimental injury of the cranium and brain and problems  
in its treatment. Vop.neirokhir. 24 no.4:1-5 Je-Ag '60.

(MIRA 13:12)

(BRAIN-WOUNDS AND INJURIES)

YERMILOV, A.

Worker's mark. Most.prom.i khud.promys. 2 no.1:28-29 Ja '61.

(MIRA 14:4)

(Products liability)



YERMILOV, A. A.

Apr 1947

USSR/Engineering  
Switches, Electric  
Fuses

"Use of High-power Cutout Switches and Power Fuses in Electrified Industries," A. A. Yermilov, Moscow Planning Administration for the Central Electro-Assembly, 3 pp

"Promyshlennaya Energetika" Vol IV, No 4

Well-illustrated article discussing various aspects of fuses and outout switches. Deals with some basic data on dimensions of outout switches and fuses. Mentions the Proletariy Factory as producing switches and the Elektrocapparat Factories at Leningrad and Ural 23758

USSR/Engineering (Contd)  
Switches, Electric  
Fuses

Apr 1947

as producing fuses. Gives some examples of use of these switches and fuses.

23758

YERMILOV, A. A.

157421

USSR/Electricity - Power Plants, Equipment Jan 50  
Electrical Equipment

"Basic Principles of Building Transformer Substa-  
tions for Industrial Enterprises," A. A. Yermilov,  
Engr, Tsentroelektromontazh, 5½ pp

"Elektrichestvo" No 1

States basic requirements for modern substations of  
industrial enterprises. Explains latest trends in  
switching systems, electrical equipment and construc-  
tion of substations. Discusses requirements for com-  
plete distributing installations and substations and  
for intrashop transformer substations. Submitted  
23 Sep 49.

157421

TERILOV, A. A., Engr.

PA 167T32

MSR/Electricity - Specifications  
Installation Aug 50

"Specifications on Layout of Electrotechnical  
Installations," A. A. Terilov, Engr, Gen Power  
Installation Trust, Min for Constr of Heavy  
Ind Enterprises

"Elektrichestvo" No 8, p 83

Criticizes Section 29 of subject specifications  
for demanding expensive heating arrangements  
for meters in cold premises; Section 78 for de-  
manding excessive width of passages between ma-  
chinery and other sections for providing for

167T32

MSR/Electricity - Specifications Aug 50  
(Contd)

excessive space between transformers and walls,  
etc. Suggests improvements.

167T32

YERMILOV, A. A.

YA 10013

USSR/Electricity - Distribution Systems Mar 52  
Switchgear

"Complete Distribution Units for Industrial Enterprises," Engr A. A. Yermilov, Elec Installation Trust for the Central Region

"Elektrichestvo" No 3, pp 17-24

Sums up development of complete power distribution units in USSR. Classifies and evaluates existing designs and remarks on means for their future improvement. Article is published in order to encourage discussion in connection with contemplated quantity production of these complete units. Submitted 30 Oct 51.

240725

YERMILOV, A. A.

PA 228T62

USSR/Electricity - Power Systems

Apr 52

"Discussion on 'Economical Current Density,'" A. A. Yermilov, Engr, Tsentroelektromontazh

"Elektrichestvo" No 4, pp 81-83

Comments on articles which appeared in "Elektrichestvo" No 11, 1950, No 9, 1951; and No 3, 1952. Gives table and graphs illustrating new economical current densities adopted by joint resolution of the Min of Elec Power Stations and Glavelektromontazh, Min of Constr of Heavy Ind Enterprises and comments upon them. Submitted 27 Oct 51.

228T62

YERMILOV, A.A., inzhener.

Connecting an ampere meter in series with high voltage bus bars. Elektri-  
chestvo no.6:71 Je '53. (MLSA 6:7)

1. Tsentroelektromontash.

(Ammeter)

Subject : USSR/Electricity AID P - 702  
Card 1/1 Pub. 29 - 13/18  
Author : Yermilov, A. A., Eng.  
Title : Contemporary electric power distribution in industrial enterprises  
Periodical : Energetik, 8, 24-29, Ag 1954  
Abstract : The author describes various distribution diagrams according to the importance of industrial installations. 13 diagrams.  
Institution : None  
Submitted : No date

YERMILOV, A. A.

AID P - 3239

Subject : USSR/Electricity

Card 1/2 Pub. 29 - 24/30

Author : Yermilov, A. A., Eng.

Title : Contemporary schemes of supplying electric power to industrial establishments and their structural solutions

Periodical : Energetik, 8, 28-32, Ag 1955

Abstract : The author summarizes the decisions of the State Inspection of Electrical Establishments of the Ministry of Electric Power Stations concerning industrial power engineering and inspection (No. 2/48/e of Ja 1951). In these decisions a wide application of high and low voltage main lines, overhead 35 to 110-kv main feeders and overhead secondary mains serving as local distributing mains in the establishments is suggested. The author describes in detail an example of such a "deep feeder" with a 35-kv line built by the Rostov Branch of the "Tyazh-promelektroproyekt". One table, 10 drawings and connection diagrams.



Energetik, 8, 28-32, Ag 1955

AID P - 3239

Card 2/2 Pub. 29 - 24/30

Institution : None

Submitted : No date

KOZLOV, V.A., inzhener; KUDRYASHOV, S.A. (Kuybyshev); YERMILOV, A.A.,  
inzhener

Unit substations for large-scale application. Elektrichestvo  
no.10:68-73 0'55. (MLRA 8:12)

1. Tyazhpromelektroproyekt (for Yermilov)  
(Electric substations)

YERMILOV, A. A.

AID P - 3454

**Subject** : USSR/Electricity

**Card 1/2** Pub. 27 - 21/32

**Author** : Yermilov, A. A., Eng.

**Title** : Complete assembled substations of most wide use  
(article by A. A. Yermilov, this journal, No. 6, 1954;  
discussion)

**Periodical** : Elektrichestvo, 10, 71-73, 0 1955

**Abstract** : The author replies to the criticisms of V. A. Kozlov and S. A. Kudryashov (this journal, No. 10, 1955). He disagrees with V. A. Kozlov as to the scale of capacities of the substations. Most of his remarks, according to the author, are based on an insignificant example to which the author devoted only few lines. The author also disagrees with the statement that he violated the Safety Rules. As to the remarks of S. A. Kudryashov, he also disagrees with him on short-circuit capacities. This is because existing types of circuit

Elektrichestvo, 10, 71-73, 0 1955

AID P - 3454

Card 2/2      Pub. 27 - 21/32

breakers used at these substations require such high limiting capacities. This corresponds also to standards accepted in the USA (see cut of an Allis-Chalmers complete substation). Finally, as regards the automation scheme, the author gives reasons why he considers connection diagrams presented in his article as satisfactory. One photograph, 1 drawing.

Institution : None

Submitted : No date

8 (3)

SOV/112-57-5-10149

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 5, p 80 (USSR)

AUTHOR: Yermilov, A. A.

TITLE: Modern Electric-Supply Circuits and Load-Importance Categories at Industrial Plants (Sovremennyye skhemy elektrosnabzheniya i kategorii otvetstvennosti elektricheskikh nagruzok promyshlennykh predpriyatiy)

PERIODICAL: V sb.: Tr. nauchn.-tekhn. soveshchaniya po elektrosnab. prom. predpriyatiy M.-L., Gosenergoizdat, 1956, pp 32-51

ABSTRACT: Design of electric-supply schemes for modern industrial plants is based on two methods: (1) using smaller substations, and (2) bringing the supply lines deep into the load area. The first method implies the minimum distance between a departmental substation and a load center, which insures savings on copper, reduced energy losses and voltage fluctuation. The second method permits connecting departmental substations directly to subtransmissions and eliminates main step-down substations or central distributing stations.

Card 1/3

SOV/112-57-5-10149

**Modern Electric-Supply Circuits and Load-Importance Categories at Industrial . . . .**

A deep entrance of 35-kv line as compared to the 6-10-kv line can result in savings up to 50-70%. A description and sketches are presented of some economical structural solutions: a small-size 35-kv substation for a deep entrance, "loop-connection boxes," and an "entrance unit" for underground-cable departmental lines with disconnecting switches. It is emphasized that 3-10-kv cables are increasingly replaced by busways, which are cheaper, more reliable, and have a higher overload capacity. A new power-distribution circuit using double bus connections between two supply sources insures a reliable link between the sources in addition to continuity of power supply to the consumers. Substituting busways for cables results in about 50% savings on copper and energy losses but is accompanied by a 10-30% increase in capital investment. A new suspension-insulator busway is described. Flexible busways are recommended for supplying industrial loads directly from 6-10-kv buses of generating stations and substations. Using flexible busways instead of cables within an

Card 2/3

304/112-57-5-10149

**Modern Electric-Supply Circuits and Load-Importance Categories at Industrial . . . .**

industrial department results in about 25% savings on capital investment. Three categories of load importance have been established on the basis of the required continuity of supply and minimum reserve costs. The first-category loads should be supplied at all times, or the supply should be instantly and automatically restored. A scheme with two independent power sources and sectionalized buses complies with this requirement. The second-category loads permit switching of the reserve by the personnel on duty. The third-category loads tolerate supply interruptions required by repair work on a faulty system component. Economical expansion of an electric-supply system is possible only with correct determination of load categories. It is suggested that tables of receiver categories for all branches of industry be developed and endorsed.

P. Ye. M.

Card 3/3

YERMILOV, A.A., inzhener; MATOCHIN, V.M., inzhener.

Conference on electrical equipment in Novosibirsk. Elektrichestvo  
no.4:91-92 Ap '56. (MIRA 9:?)  
(Novosibirsk--Electric apparatus and appliances--Congresses)



YERMILOV, A.A., inshener.

Use of load-breaking switches. Prom.energ. 11 no.1:4-11 Ja  
156. (MIRA 9:6)  
(Electric switchgear)

YERMILOV, A.A., inzhener.

Circuit breakers for electric furnaces. Prom.energ. 11 no.3:24-27  
Mr '56. (Electric circuit breakers) (MIRA 9:7)

YERMILOV, A

DANIILENKO, A.; CHUMAKOV, N.; SERBINOVSKIY, G.; GRACHEV, V.; KHRAMUSHIN, A.;  
SOKOLOV, B.; BOL'SHAM, Ya.; TAYTS, A.; NEYFEL'D, M.; FRENKEL', S.;  
LYUDMIRSKIY, I.; VAKSNIYY, A.; VESHENEVSKIY, S.; YERMILOV, A.;  
BROZGOL', M.; SOLOV'YEV, P.; KLYUYEV, S.; ROZENTAL', A.; SMIRNOV, V.;  
DOROFYUK, A.

Solomon Mikhailovich Livshits; obituary. Prom energ. 11 no.12:34  
D '56. (MIRA 10:1)

(Livshits, Solomon Mikhailovich, 1901-1956)

YERMILOV, A. A. inzhener.

Standard small and medium transformer substations. Elek.sta. 27  
no.4:21-25 Ap '56. (MLRA 9:8)  
(Electric substations)

YERMILOV, A.A.

Electrical equipment for residential buildings. Svetotekhnika }  
no.7:30-31 J1 '57. (ILRA 10:8)

1. Uchenyy sekretar' tekhnicheskogo soveta Gosudarstvennogo  
politekhnicheskogo instituta "Tyazhpromelektroproyekt".  
(Electric wiring)

*Yermilov, A.A.*

105-7-27/29

**AUTHOR:** Yermilov, A.A., Eng. (Moskva)

**TITLE:** In the Technical Council of Tyazhpromelektroproyekt  
(V tekhnicheskome sovete Tyazhpromelektroproyekta)

**PERIODICAL:** Elektrichestvo, 1957, Nr 7, p. 93 (USSR)

**ABSTRACT:** The Council of Tyazhpromelektroproyekt (State Design and Planning Institute for the Heavy Electrical Industry) heard reports by G.M. Levin on a new system of automatic stabilization of engine speed in case of sudden optimum loads, and by Ya. M. Ber on efficient connection diagrams of electricity supply in rolling mills.

**AVAILABLE:** Library of Congress

Card 1/1

YERMILOV, A.A.

KOZLOV, V.A.; KUDRYASHOV, S.A.; YERMILOV, A.A., inshonor.

Using load breaking switches; in regard to A.A. Brailov's article.  
Prom. energ. 12 no.3:5-8 Mr '57. (MIRA 10:4)

1. Leningradskaya kabel'naya set' Lenenergo (for Kozlov).
  2. Kuybyshevskiye otdeleniye GPI Elektriproekt (for Kudryashev).
  3. GPI "Tyashpromoelektproyekt" (for Yermolev).
- (Electric circuit breakers)

~~YERMILOV, A.A., inzhener.~~

Problems of introducing remote control of electric power systems in  
industrial plants. *Przem. energ.* 12 no.3:36-37 Mr '57. (MIRA 10:4)  
(Electric power) (Automatic control)



YERMILOV, A. A.

KISELEV, M.I.; YERMILOV, A.A., inzhener.

Operation of the VMG-133 cut-out switch in arc furnaces. Prom.  
energ. 12 no.6:6-8 Je '57. (MLRA 10:7)

1. Krasnoyarskiy zavod (for Kiselev). 2. Gosudarstvennyy politekhnicheskii institut Tyazhpromelektroproekt.  
(Electric cutouts)

**YERMILOV, A.A.**

On methods of determining electric loads in industrial enterprises.  
Prom. energ. 12 no.7:37-38 J1 '57. (MLRA 10:8)

1. Uchenyy sekretar' Tekhnicheskogo soveta Gosudarstvennogo proyekt-  
nogo instituta "Tyashpromlektroproekt."  
(Electric power)

*Y. M. G. V. A. A.*  
BOL'SHAM, I. A. I.; YEMILOV, A. A.

Technical progress in the electrification of industry during  
the 40 years of Soviet rule. Prom.energ.12 no.11:24-28 N '57.  
(MIRA 10:12)

1. Gosudarstvennyy proyektnyy institut "Tyashpromoelektronproyekt."  
(Electrification)

BELOV, N.N.; BOZ'SHAM, Ya.M.; GORDEYEV, A.N.; GRACHEV, V.A.; YERMILOV, A.A.;  
ZAIMISKIY, A.M.; KIZNETTER, Ye.N.; KNOHRING, G.M.; KONSTANTINOV,  
B.A.; KOPYTOV, N.V.; LEVIT, G.O.; MILLER, G.P.; MAYFAL'D, M.P.;  
PRINIPSEV, A.A.; SHERBINOVSKIY, G.V.; SOKOLOV, B.A.; STASILOYTS, A.B.;  
TAYTIS, A.A.; KHRAMUSHIN, A.M.

Mikhail Konstantinovich Kharchev; obituary. Belov and others. Prom.  
(MIRA 10:12)  
energ. 12 no.12:33 D '57.  
(Kharchev, Mikhail Konstantinovich, 1896-1957)

YERMILOV, Aleksey Alekseyevich; TAYTS, A.A., red.; SUKHAREVA, R.A., tekhn.red.

[New and efficient methods in supplying electric power to various enterprises] Novye i ratsional'nye reshenia v elektroobsluzhivani predpriyatii. Moskva, 1958. 40 p. (Peredovoi opyt proizvodstva. Seriya "Promyshlennaya energetika," no.2) (MIRA 12:4)  
(Electric power distribution)

AUTHOR: Yermilov, A.A., Engineer

SOV-91-58-4-2/29

TITLE: On the Article of S.S. Gadzhiyev "On the Increase of the Number of Consumer Lines Connected with One Common Switch of 6 and 10 kv"(Po povodu stat'i S.S. Gadzhiyeva "Ob uvelichenii chisla potrebitel'skikh liniy, podklyuchayemykh pod odin vyklyuchatel' 6 i 10 kv")

PERIODICAL: Energetik, 1958, <sup>6</sup>/<sub>1</sub> Nr 4, pp 3-5 (USSR)

ABSTRACT: The author describes the common switch diagrams in figure 1 and 2 and states that such systems can be temporarily used in case of failure, as they guarantee an uninterrupted feeding. They can also be utilized on 2 lines for small power objects requiring uninterrupted feeding. Such systems are permitted under the New Regulations of Electric Installations for cable lines with 2nd category loads where replacement of the cable is difficult and a long interruption of feeding is not permissible. It is not recommended, however, that this system be used with more than 2 lines.

Card 1/2

SOV-91-58-4-2/29

On the Article of S.S. Gadzhiyev "On the Increase of the Number of Consumer Lines Connected with One Common Switch of 6 and 10 kv".

There are 2 diagrams and 2 Soviet references.

1. Switching systems--Applications
  2. Electrical networks
- Equipment

Card 2/2

YERMILOV, A.A., insh.

Commutation circuits with shorting devices. Prom. energ. 13 no.5:  
19-22 My '58. (MIRA 11:8)

1. Gosudarstvennyy proyektnyy institut Tyazhpromelektroproyekt.  
(Commutation (Electricity))



YERMILEV, A.A., insh; SEULIN, N.A., insh; CHIZHISHIN, P.L., insh.; CHEPELIN, Yu.M., insh.; MUSATOV, T.P., insh.; FEDOROV, A.A., kand.tekhn.nauk; YAROSHETSKIY, L.M., insh.; GOL'DENBLAT, B.I., insh.; KUDRYASHOV, S.A., insh.; ZAKHAROV, N.N., insh.; SHCHUKIN, B.D., insh.

Improving planning of industrial power supply. Prom. energ. 13 no.7: 18-29 J1 1958. (MIRA 11:10)

1. Tyashpromselektroproyekt. (for Yermilev). 2. Zhenproyektas, g. Kaunas (for Chepele). Donbassenergo (for Musatov). 4. Moskovskiy energeticheskiy institut (for Fedorev). 5. Usgiprevedkhoz, g. Tashkent (for Yaroshetskiy). 6. Proyektnyy institut Ministerstva stroitel'stva USSR, Odessa (for Gol'denblat). 7. Elektroproyekt, g. Kuybyshev (for Kudryashov). 8. Gosradioelektronika (for Zakharov). 9. Sidroproyekt, g. Kuybyshev (for Shchukin).

(Electric power)

AUTHOR: Yermilov, A. A. 94-13-7-18/25  
TITLE: Large Unit Erection of Electrical Equipment  
(Krupnoblochnyy montazh elektrooborudovaniya)  
PERIODICAL: Promyshlennaya Energetika, 1958, Vol 13, Nr 7, p 35  
(USSR)  
ABSTRACT: On October 17, 1957 there was a session of the technical council of the State Planning Institute Tyazhpromelektroproyekt on the large unit erection of electrical equipment. The Technical Council of the Institute took a number of decisions on the further development of industrial methods of electrical erection work and in particular on the use of large unit erection. One of the main tasks is to introduce as widely as possible the manufacture of complete and packaged installations. Design should provide for electrical installation work to be carried out in completed buildings. Designs should be prepared for pre-erection of large units of busbars and similar structures. In

Card 1/2

Large Unit Erection of Electrical Equipment 94-13-7-18/25

making working drawings of equipment special provision  
should be made for splitting them into large  
erectional units.

ASSOCIATION: Tyazhpromelektroproyekt [State Design and Planning  
Institute (for heavy electrical industry)]

Card 2/2

1. Electrical equipment - Design
2. Electrical equipment -  
Installation

YERMILOV, A.A., insh.

Author's reply. Elek.sta. 29 no.1:90-91 Ja '58. (MIRA 11:2)  
(Electric substations)

YERMILOV, A.A.

From the work of technical council of the State Design and  
Planning Institute of Heavy Electrical Equipment. Prom. energ.  
15 no.7:58 J1 '60. (MIRA 15:1)  
(Electric power distribution)

8 (6)

AUTHOR: Yermilov, A. A., Engineer

SOV/105-59-8-23/28

TITLE: On Main Trends in the Development of Electric Supply Systems of Industrial Enterprises

PERIODICAL: Elektrichestvo, 1959, Nr 8, pp 85 - 86 (USSR)

ABSTRACT: An extended meeting of the sektsiya energovoorusheniya Nauchno-tekhnicheskogo soveta po kompleksnoy mekhanizatsii i avtomatizatsii Gosplana SSSR (Section for Electrical Equipment of the Scientific and Technical Council for Comprehensive Mechanization and Automation of the Gosplan of the USSR), was held on March 7, 1959. This conference dealt with the main trends in the development of electric supply systems of industrial enterprises. The following persons held lectures: A. A. Yermilov (Tyazhpromelektroproyekt), Yu. Ye. Zaleskiy (Giproavtoprom), Ye. N. Priklonskiy (Giproazot), G. V. Serbinovskiy (Gosinspektai-ya po promenergetike i energonadsoru (State Inspection of promenergetika and energonadsor)), and M. I. Trekhov (avtozavod im. Likhacheva (Automobile Works imeni Likhachev)). The lectures were discussed by P. G. Grudinskiy (MEI), I. A. Syromyatnikov (GNTK), V.M. Tulin (Gosplan SSSR), A. A. Fedorov (MEI), et al. The section recommended measures for the reduction

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On Main Trends in the Development of Electric Supply Systems of Industrial Enterprises 80V/105-59-8-23/28

of non-recurrent expenditure, of losses in electric energy, and of the increase of the overall reliability and elasticity of the electric supply systems of industrial enterprises. High-voltage installations should be erected as near as possible to the electrical equipment of the consumers. The number of grid elements and the steps of intermediate transformation and commutation should be limited to a minimum. In the supply- and distribution systems of industrial enterprises voltages of up to 500 kv should be introduced. Provisions should be made in the GOST specifications covering 660 v and 20 kv. The grids controlled by various authorities should be linked to a large extent, and the unification of industrial, municipal, and other grids should be aimed at. Problems arising in the electric supply of enterprises must be solved by close collaboration of energy-system authorities and the planning authorities. A number of recommendations were given concerning the operating reliability of the individual members of electric supply systems and the realization of economical operation. Measures for reducing the unfavorable influence of transient and rapidly

Card 2/3

**On Main Trends in the Development of Electric Supply Systems of Industrial Enterprises** SOV/105-59-8-23/28

changing shock loads of synchronous motors, arc furnaces, mercury-arc rectifiers, etc upon the operation of other consumers were outlined. A system of voltage regulation should be introduced in all sections of industrial systems. An automatic control of synchronous condenser installations by means of transverse compensation should be provided in the planning stage. A further improvement of the power factor, which is considered indispensable, should be attained by a better utilization of electrical equipment, by the use of synchronous motors and static condensers. Telemechanisation is advisable only in cases in which it will offer considerable reduction of cost. Criticism was brought forward concerning the fact that no uniform method exists for technical and economical calculations and for the determination of the quantities and categories of electric loads. It was decided therefore to ask P. G. Grudinskiy, A. A. Yermilov, Yu. Ye. Zaleskiy, Ye. N. Priklonskiy, G. V. Serbinovskiy, I. A. Syromyatnikov, and A. A. Fedorov to work out such a method. It was also decided to publish the lectures held in this conference in the current year.

Card 3/3



YERMILOV, A.A.

Consideration of impact loads in the design of electric power supply  
for industrial enterprises. Prom. energ. 15 no. 9:44-46 S '60.  
(MIRA 13:10)

1. Gosudarstvennyy proyektnyy institut "Tyashpromoelektrproyekt."  
(Electric power)

AVINOVITSKIY, I.Ya.; ALEKSEYEV, S.V.; BARANOV, B.M.; GEL'MAN, R.Ye.;  
DVOSKIN, L.I.; DOIGINOV, A.I.; YERMILOV, A.A.; ZALESKIY, Yu.Ye.;  
KAMENEVA, V.V.; KLIMIKSEYEV, V.M.; KNYAZEVSKIY, B.A.; KUZNETSOV,  
P.V.; RIVKIN, G.A.; FEDOROV, A.A.; SERBINOVSKIY, G.V., red.;  
BOL'SHAM, Ya.M., red.; BRANDENBURGSKAYA, E.Ya., red.; VORONIN,  
K.P., tekhn. red.

[Manual for power engineers of industrial enterprises in four  
volumes] Spravochnik energetika promyshlennykh predpriyatii v  
chetyrekh tomakh. Moskva, Gosenergoizdat. Vol.1. [Electric power  
supply] Elektrosnabzhenie. Pod obshchei red. A.A.Fedorova, G.V.  
Serbinovskogo i I.A.M.Bol'shama. 1961. 840 p. (MIRA 15:6)  
(Electric engineering)

SOKOLOV, B.A., inzh., red.; YERMILOV, A.A., inzh., red.; STRASHNYKH, V.P.,  
red. izd-va; KASIMOV, D.Ya., tekhn. red.

[Directives no. SN 174-61 on the design of electric power supply systems for industrial enterprises] Ukazaniia po proektirovaniu elektrosnabzheniia promyshlennykh predpriatii SN 174-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 65 p. (MIRA 15:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam  
stroitel'stva.

(Electric power distribution)

YERMILOV, A.A., inzh.

Concerning separate and joint power supply to power systems  
and electric lighting systems. Svetotekhnika 7 no.8:27-28  
Ag '61.

(MIRA 14:7)

(Electric lighting)

(Electric power distribution)

RODIONOV, V.A., inzh. (Moskva); YERMILOV, A.A., inzh. (Moskva)

Principal trends in carrying-out overall electrification.  
Elektrichestvo no.8:83-85 Ag '61. (MIRA 14:10)  
(Electrification)

YERMILOV, A.A., inzh.

Response to A.V. Bondar', IU.A. Zdorikov and G.I. Oboev's  
article. Elek.sta. 32 no.9:93-8 '61. (MIRA 14:10)

(Electric cutouts)

(Bondar, A.V.)

(Zdorikov, IU.A.)

(Oboev, G.I.)

YERMILOV, A.A.

Concerning auxiliary connections in the electric power distribution  
networks of industrial enterprises. Prom.energ. 16 no.11:49-50  
N '61. (MIRA 14:10)

1. Gosudarstvennyy proyektnyy institut "Tyazhpromlektroproyekt".  
(Electric power distribution)

KIZEVETTER, Ye.N.; KLEYN, P.N.; KHARCHEV, M.K. [deceased];  
VOLOBRINSKIY, S.D.; GRODSKIY, S.Ye.; YERMILOV, A.A.;  
KAYALOV, G.M.; LIVSHITS, D.S.; MAKSIMOV, A.A.; MESHEL',  
B.S.; MUKOSEYEV, Yu.L.; OGORODNOV, S.I.; ROZENBERG, V.A.;  
SHRAYBER, L.G.; ZALESSKIY, Yu.Ye., retsenzent; TOKHVIDOV,  
E.S., retsenzent; FEDOROV, A.A., retsenzent; SAVEL'YEV,  
V.I., red.; LARIONOV, G.Ye., tekhn. red.

[Temporary instructions for determining the electrical loads  
of industrial enterprises] Vremennyye rukovodiashchie ukaza-  
niya po opredeleniyu elektricheskikh nagrusok promyshlennykh  
predpriyatii. Moskva, Gosenergoizdat, 1962. 45 p.

(MIRA 16:2)

1. Russia (1923- U.S.S.R.) Glavnoye energeticheskoye uprav-  
leniye. 2. Leningradskoye otdeleniye Gosudarstvennogo pro-  
yektного instituta tyazheloy promyshlennosti (for Kizevetter,  
Kleyn, Kharchev). 3. Komissiya po elektricheskim nagruskam  
Nauchno-tekhnicheskogo obshchestva energeticheskoy promyshlen-  
nosti (for Volobrinskiy, Grodskiy, Yermilov, Kayalov, Livshits,  
Maksimov, Meshel, Mukoseyev, Ogorodnov, Rosenberg, Shrayber).  
(Electric power distribution)



YERMILOV, M.A., inzh.

In response to I.B.Aksenton's article "Technical and economic  
indices of the plans for electric power supply of industrial  
enterprises." Prom.energ. 17 no.10:35-36 0 '62. (MIRA 15'9)  
(Electric power distribution) (Aksenton, I.B.)

BANDURIN, V.V.; YERMILOV, A.A.

In the Technical Council of the State Design and Planning Institute  
for Heavy Electric Industry. Prom.energ. 17 no.10:47 0 '62.  
(MIRA 15:9)

(Lightning protection)

VERMILION, A.A.

Use of 600 volt power transmission systems. Proca. enarg. 18  
no.6:51-52 Ja '63. (MIRA 16:7)

(Electric power distribution)

YERMILOV, Aleksey Alekseyevich; IOKHIDOV, E.S., red.; BORUNOV, N.I.,  
tekh. red.

[Principles of electric-power supply to industrial enterprises] Elektrosnabazheniia promyshlennykh predpriatii.  
Moskva, Gos. energoizdat, 1963. 343 p. (MIRA 16:10)  
(Electric power distribution)

YERMILOV, A.A.

Serial electrical equipment in large blocks. Prom. energ. 18 no.8:

54-55 Ag '63.

(MIRA 16:9)

(Electric equipment and supplies)

YERMILOV, A.A.

Work of the joint technical council of the State Design and Planning Institute of the Electrical Industry. Prom. energ. 18 no.11: 55 N '63. (MIRA 16:12)

YERMILOV, A.A.

Designing and adjustment of the electrical equipment of cold rolling departments of metallurgical plants. Prom.energ. 19 no. 2:50-51 F 164. (MIRA 17:5)

YERMILOV, A.A.

In the technical council of the State Design and Planning  
Institute for Large Electrical Machines. Prom. energ. 19  
no. 5:49-50 My '64. (MIPA 17:6)



YERMILOV, A.A., Inzh.

Complex technological and economic decisions in the electric  
power supply of industrial enterprises. from. energy. 19 no. 46  
26-30 Ja'61 (MIRA 1961)

YERMILOV, A.A., inzh.

Use of 110 kv. cables in the electric power supply systems  
of industrial enterprises. Prom. energ. 20 no.11:34-39  
N '65. (MIRA 18:11)

YERMIOV, A.A.

Measures for maintaining optimum voltage levels. Prom. energ.  
20 no.6:46-47 Je '65. (MIRA 18:6)

YERMILOV, Mleksey Alekseyevich; LEZNOV, S.I., red.

[Electric-power supply of industrial enterprises]  
Elektrosnabzhenie promyshlennykh predpriatii. Mo-  
skva, Energiia, 1965. 91 p. (Biblioteka elektro-  
montera, no.161) (MIRA 18:7)

YERMILOV, A.A.

Electric supply of large enterprises of ferrous metallurgy.  
Stal' 25 no.12:1147-1154 D '65. (MIRA 18:12)

1. Tjashpromselektroproyekt.

L 27947-66

ACC NR:

AP6017709

SOURCE CODE: UR/C105/66/000/001/0086/0086

AUTHOR: Avilov-Karnaikhov, B. H.; Bol'sham, Ya. M.; Venkov, V. A.; Velebrinskiy, S. D.; Yermilov, A. A.; Konstantinov, B. A.; Knyazevskiy, B. Ye.; Minin, G. I.; Miller, G. R.; Mukoseyev, Yu. L.; Petrov, I. I.; Serbinovskiy, G. V.; Syromyatnikov, I. A.; Fedorov, A. A.; Kholmiskiy, G. V.; Shagalov, A. S.; Chilikin, M. G.

ORG: none

TITLE: Prof. Georgiy Mikhaylovich Kayalov (on his 60th birthday)

SOURCE: Elektrichestvo, no. 1, 1966, 86

TOPIC TAGS: academic personnel, electric engineering personnel, electric equipment

ABSTRACT: In 1929, G. M. Kayalov completed the electrotechnical department of the Mechanical Faculty of the Novocherkassk Polytechnical Institute. Until 1947, he worked in the planning department of the Rostov Division of the All-Union Electrotechnical Union. In this time, he rose to the position of Chief Engineer. He directed the planning of a large number of important pieces of electrical equipment for various projects. He was active in the postwar restoration of many important industrial enterprises. He is the author of almost 70 published works, and has made a great contribution to modern, scientifically based methods of design and analysis of electrical loads for industrial equipment. He is on a number of commissions and in many scientific and technical societies. Orig. art. has: 1 figure. [JPFS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1

BLG

UDC: 621.34

YERMILOV, A.A.

Use of factory manufactured sheathed bus conductors. Prom. energ.  
20 no.1:46 Ja '65. (MIRA 18:4)

FILATOV, F.I.; KOLPASHNIKOV, A.I.; Prinimali uchastiyet: POTAPOV, P.I.;  
YERMULOV, A.M.; TOLMACHEV, B.Ya.; KHARITONOV, A.Ya.

Determination of residual stresses in the brake drums of airplane  
wheels. Zav.lab. 28 no.2:223-224 '62. (MIRA 15:3)  
(Airplane--Brakes) (Strains and stresses)



YERMILOV A. P.

AUTHOR: Yermilov, A. P.

30-12-25/45

TITLE: For Unbreakable Ties With the People's Life.

(Za nerazryvnuyu svyaz' s zhizn'yu naroda).

II. Discussion of N. S. Khrushchev's Statements on Problems of Literature and Art (Obsuzhdeniya vystupleniy N. S. Khrushcheva po vo=prosam literatury i iskusstva).

PERIODICAL: Vestnik AN USSR, 1957, Vol. 27, Nr 12, pp. 91-92 (USSR).

ABSTRACT: N. S. Khrushchev, by his remarks on the problem of literature and art, demanded with renewed force that contact between the social sciences and the practice of Communist reconstruction be consolidated. The demands of the Communist Party formulated therein are directed not only upon those who are busy in the field of Soviet literature and art, but also those who work in the field of philosophy. As already stressed in the lecture and by the remarks made by participants in the discussion, great stimulus has been given to the development of the social sciences after the 20th Congress of the Communist Party of the Soviet Union, especially in connection with the abolition of the negative consequences of the Stalin cult. The Institute for Philosophy achieved positive results as regards the transformation of scientific research work in the light of the demands of the 20th Congress. Alone in this year such serious collective

Card 1/3

For Unbreakable Ties With the People's Life  
 II. Discussion of H. S. Khrushchev's Statements on Problems of Literature and Art.

30-12-25/45

works were published as the 2 first volumes of the "History of Philosophy", "The Part Played by the Masses of the People and by Personality in History", "Modern Subjective Idealism", "Critical Sketches", "Thought and Language", and a number of monographs. However, as those who took part in the meeting emphasize, the institute cannot be content with its work. The majority of expenses are of a popular-scientific and pedagogical character. This is not enough. P. N. Fedoseyev maintained that a more thorough investigation of real and complicated processes of life is now the task in the foreground. The work performed by the sector for historical materialism was subjected to just criticism. The participants in the discussion criticized serious faults in the preparation of the work "Rules Governing the Development of Social Society". Ye. P. Sitkovskiy, M. Sh. Bakhitov, A. I. Kompaneyets, Ye. P. Modrzhinskaya, Z.V. Smirnova and others stressed the fact that the struggle against reactionary bourgeois ideology was not being carried out with proper energy. In this connection the book "The Bases of Marxist-Leninist Aestheticism", which was prepared by the institute, as well as the book by V. V. Vanslov "Problems of Beauty" was criticized. In connection with the faults found in the works on the generalization of the achievements of natural sciences, the collaborators of the institute were advised to devote more

Card 2/3

For Unbreakable Ties With the People's Life . 30-12-25/45  
Discussion of N. S. Khrushchev's Statements on Problems of Literature and Art.

attention to such concrete sciences as physics, mathematics, and biology. They were further advised to prepare themselves more thoroughly for the coming All-Union conference on philosophical problems of natural science.

AVAILABLE? Library of Congress.

1. Literature--USSR 2. Art--USSR

Card 3/3

**AUTHORS:** Linkun, N. I., Candidate of Economics, 30-58-5-30/36  
Yermilov, A. P.

**TITLE:** Discussion of the Problems of a Reorganization of the  
MTS (Obsuzhdeniye voprosov reorganizatsii MTS).  
In the Meetings of the Associates of the Institute  
of Economics and the Institute of Philosophy  
(Na sobraniyakh sotrudnikov Instituta ekonomiki i Insti-  
tuta filosofii)

**PERIODICAL:** Vestnik Akademii Nauk SSSR, 1958, , Nr 5,  
pp. 126-130 (USSR)

**ABSTRACT:** At the end of the year 1958 an All-Union Conference shall  
be called for the purpose of generalizing the first ex-  
perience in the reorganization of the MTS which shall also  
work out the necessary recommendations on the further per-  
fection of the production of collective economy. Accord-  
ing to the opinion of the collaborators of the institute  
it would be necessary to establish special repair shops in  
the kolkhozes. The service stations existing in the country  
should be specialized and supply the kolkhozes and state

Card 1/4

Discussion of the Problems of a Reorganization  
of the MTS. In the Meetings of the Associates  
of the Institute of Economics and the Institute of  
Philosophy

30-58-5-30/36

farms with spare parts for tractors, harvester threshers, motor vehicles and others. The workers of the MTS which change over to the kolkhozes must maintain their earnings and the rights of workers and employees of a state enterprise. The agricultural secondary schools should adapt the science of agricultural machines as a subject. The questions of the financing of kolkhozes are considered as very important. A current amortization must also be organized which requires a revaluation of the kolkhoz property. For the purpose of buying fuel and lubricants the working capital of the kolkhozes must be increased and the problem of bank credits settled. The existing method of the raising of money and buying must be changed, the state should make several years contracts with the kolkhozes. An economic estimation of the country as well as a correct determination of the dimensions and the drawing of the differential revenue shall also be performed. The problem of soil-land-registers, the quality estimation of the soil as well as the differen-

Card 2/4

Discussion of the Problems of a Reorganization of the 30-58-5-30/36  
MTS. In the Meetings of the Associates of the Institute  
of Economics and the Institute of Philosophy

tial revenue should within a short period be realized by the AS USSR (Soil Institute and Institute of Economics) and other scientific research institutes as well as the corresponding state organs.

The collective of the Institute for Philosophy AS USSR in its plenary meeting discussed the measures of the communist party and the Soviet government concerning the future development of the kolkhoz order as well as the reorganization of the machine and tractor stations. The following persons took part in the meeting: representatives of the kolkhozes, functionaries of the MTS, representatives of public organizations of the Novo-Petrovsk district, region of Moscow, P. N. Fedoseyev, Director of the Institute for Philosophy, in his report emphasized that the problem of the reorganization of the MTS not only was of a practical but also of a great theoretical importance. In the discussion I. M. Bakay, Director of the Vasil'yevsk MTS, described the powerful rise of ini-

Card 3/4

Discussion of the Problems of a Reorganization of the 30-58-5-30/36  
MTS. In the Meetings of the Associates of the  
Institute of Economics and the Institute of Philosophy

tiative which is at present observed among the kolkhoz farmers and mechanizers. V. P. Chertkov spoke on the form of development of socialist society. Ts. A. Stepanyan emphasized that at present a further approach of two forms of property takes place in the kolkhoz village, the kolkhoz property drawing towards the people's property. A. V. Korneyev, President of the kolkhoz "Iskra", V. K. Pavlov, President of the kolkhoz "Nikol'skoye", N. A. Fokina, Secretary of the RK KPSS, Novo-Petrovskoye, reported on complicated processes in the Soviet village. A. T. Fedorova spoke on the necessity of improving the teaching of historical materialism. M. D. Kammari, chief editor of the periodical "Voprosy filosofii" advocated the opinion that the philosophers should more deeply penetrate into the problems of economics. The assembly approved of the solutions of the further development of the kolkhoz order and outlined a number of concrete measures for the future.

Card 4/4

1. Social sciences--USSR 2. Economic conditions--USSR

VOLOBUYEV, N.K.; YERMILOV, A.S.

Classification of suspensions using a vibrating filtering unit.  
Khim. i tekhn. topl. i masel 9 no.12:35-37 D '64. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti i gaza i polucheniya iskusstvennogo zhidkogo topliva.



SHEKHTER, M.N.; YEVSTRATOVA, N.I.; KALASHNIKOV, V.P.; NIKOLAYEVA, V.M.;  
YERMILOV, A.S.

Lubricating and cooling fluids with molybdenum disulfide. Stan 1  
instr. 36 no. 12:13-15 D '65 (MIRA 19:1)

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SOV/81-59-13-47276

15.6400  
24.1900

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 13, pp 432 - 433 (USSR)

AUTHORS: Yermilov, A.S., Oparina, Ye.M.

TITLE: The Increase in the Thermal Stability of Silicon Liquids by Means of Ultrasound and Antioxidation Admixtures

PERIODICAL: Tr. Vses. N.-i. in-ta topliva, 1958, Nr 7, pp 409 - 414

ABSTRACT: The action of ultrasound on the thermal stability of silicon liquids (SL) has been investigated. The liquids were irradiated for 1 - 20 minutes at an ultrasonic frequency of 300 kc, an intensity of 40 - 60 w/cm<sup>2</sup>, a layer thickness of 49 mm. The thermal stability was studied by the kinetics of the change in the kinematic viscosity at 20°C and the time of gelatinization of SL exposed to ultrasound in dependence on the time of thermostatic regulation at 200°C. It has been shown that non-irradiated SL gelatinize after thermostatic regulation in the course of 90 hours, whereas irradiated SL preserve their fluidity for 120 - 150 hours. For several SL the optimum time of irradiation proved to be 4 minutes, and the stability

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SCV/81-59-13-47276

The Increase in the Thermal Stability of Silicon Liquids by Means of Ultrasound and Antioxidation Admixtures

of SL increased 1.6 times and more. At the addition of anti-oxidation admixture (aldol-  $\alpha$ -naphthylamine) to irradiated SL their thermostability increase still more.

G. Margolina

Card 2/2

YERMILOV, A.S., Cand Tech Sci (diss) "Application of  
ultrasound in ~~the structure of~~ <sup>the structure of</sup> tricomponent consistent greases."  
Mos 1958, 8 pp. <sup>Gosplan</sup> (State Planning USSR. All-Union Sci Res Inst  
for ~~the processing of~~ <sup>the processing of</sup> Petroleum and Gas and ~~the production of~~ <sup>Production of Synthetic</sup> ~~lubricants~~ <sup>lubricants</sup>)

Liquid Fuel VNIINP) 150 copies (KL, 32-58, 108)

YERMILOV, A.S.; VOLOBUYEV, N.K.

Continuous filtration by means of acoustic vibrations. Khim.  
i tekhn. topl. i masel 5 no. 11:54-57 N '60. (MIHA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti gaza i polucheniya iskusstvennogo zhidkogo topliva.  
(Acoustic filters)

S/661/61/000/006/041/031  
D202/D302

AUTHORS: Oparina, Ye. M., Tubyanskaya, G. S. and Yermilov, A. S.  
TITLE: Investigating thermal stability of polysiloxane fluids  
SOURCE: Khimiya i prakticheskoye primeneniye kremneorganicheskikh soedineniy; trudy konferentsii. no. 6: Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt. prim. kremneorg. soyed., Len., 1958. Leningrad, Izd-vo AN SSSR, 1961, 181-184

TEXT: A discussion on a previous report (no. 2, p. 50, this publication) in which Ye. M. Oparina, A. K. Andrianov (Moscow), L. V. Gornets (Moscow), N. N. Sokolov (VEI, Moscow), I. F. Ponomarev, Politekhnikhskiy institut, Novocherkassk (Novocherkassk Polytechnic Institute) and I. A. Zubkov (Moscow) took part. The author defended her opinion that irradiation with ultrasonics has in general a favorable effect on the thermal stability of liquid organosilicon polymers. The opponents concluded that present methods for determining the stability of polysiloxanes ought to be revised and more suitably adapted for definite purposes. ✓

Card 1/1

S/194/62/000/004/063/105  
D295/D308

AUTHORS: Yermilov, A. S. and Volobuyev, N. K.

TITLE: The filtration of thin suspensions by means of acoustic oscillations

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-5-37u (V sb. Primeneniye ul'-traakust. k issled. veshchestva. no. 14, M., 1961, 53-60)

TEXT: The possibility of filtrating thin suspensions of solid components of lubricants by means of an acoustical filter is investigated. Existing theories and hypotheses explaining the operation of such a filter are reported. A series of acoustical filters of new design have been manufactured, whose construction and operational results are described. In general, the results have been unsatisfactory, except in the case of a construction with parachute silk, in which the silk is clamped between two discs fixed at the end of a concentrator, connected to a magnetostriction transducer. Molyb-  
Card 1/2

S/194/62/000/004/063/105

The filtration of thin ...

denite in butylacetate and alcohol was filtrated satisfactorily.  
The fraction obtained was close, in the dimensions of the particles,  
to the conventional 0.2  $\mu$  fraction obtained by setting. [Abstrac-  
ter's note: Complete translation.] ✓

Card 2/2