

SITENKO, V.M., prof. (Leningrad, ul. Lebedeva, d.10-b, kv. 2)

Certain hazards in the use of hypothermia in surgical operations  
[with summary in English]. Vest.khir. 82 no.1:17-23 Ja '59.  
(MIRA 12:2)

1. Iz fakul'tetskoy khirurgicheskoy kliniki No.1 (nach. - prof.  
V.N. Shamov) Voenno-meditsinskoy ordena Lenina akademii imeni  
S.M. Kirova.

(HYPOTHERMIA  
hazards (Rus))

SITENKO, V.M., prof.; VLASOV, V.S.

Evaluation of the lumbar ganglionectomy operation in endarteritis  
obliterans in the light of late results. Khirurgiia no.11:65-70  
'61. (MIRA 14:12)

1. Iz kafedry fakul'tetskoy khirurgii imeni S.P. Fedorova  
(nach. - prof. V.M. Sitenko) Voyenno-meditsinskoy ordena Lenina  
akademii S.M. Kirova.

(ARTERIES--DISEASES)  
(NERVOUS SYSTEM, SYMPATHETIC--SURGERY)

SITENKO, V.M., prof. (Leningrad, ul. Lebedeva, d. 10-g, kv. 2); NECHAY, A.I.

Stenosis of the terminal segment of the common bile duct of  
noncancerous origin. Vest. khir. 89 no. 9: 57-62 S '62.

(MTRA 14:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni S. P. Fedorova  
(nachal'nik - prof. V. M. Sitenko) Voenno-meditsinskoy ordena  
Lenina akademii imeni S. M. Kirova.

(BILE DUCTS--DISEASES)

AR'YEV, T.Ya., prof.(Leningrad); BABCHIN, I.S., prof.(Leningrad);  
VAYNSHTEYN, V.G., prof. (Leningrad); GORODETSKIY, Ye.M.,  
kand. med. nauk (Moskva); GRATSIANSKIY, V.P., prof.  
(Leningrad); KORNEV, P.G., prof.(Leningrad); KAPLAN, A.V., prof.  
(Moskva); LEVIT, V.S., zasl. deyatel' nauki, prof. [deceased];  
PSHENICHNIKOV, V.I., prof.(Moskva); RUFANOV, I.G., prof.  
(Moskva); SITENKO, V.M., prof.(Leningrad); SMIRNOV, Ye.V., prof.  
(Leningrad); FRIDLAND, M.O., zasl. deyatel' nauki, prof.(Moskva);  
SHEYNIS, V.N., doktor med. nauk, (Leningrad); SHLAPOBERSKIY,  
V.Ya., prof.(Moskva); VISHNEVSKIY, A.A., prof., red.; GOL'DGAMMER,  
K.K., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Specialized surgery] Chastnaia khirurgiia; rukovodstvo dlia vra-  
chei v trekh tomakh. Pod red. A.A. Vishnevskogo i V.S. Levita.  
Moskva, Medgiz. Vol.3. [The extremities] Konechnosti. 1963. 670 p.  
(MIRA 16:5)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for  
Kornev, Rufanov).

(EXTREMITIES (ANATOMY))--SURGERY)

ZERNOV, A.I.; LISITSIN M.S. [deceased]; POPOV, V.I., prokhdotsev, I.I.;  
RESHETOV, A.I.; RYZHKOV, S.V.; SITENKO, V.M.; CHISTOVICH, A.N.

Results in the treatment of cancer patients with semicarbazide  
and cadmium. Vop. onk. 9 no.6:114-116 '63. (MIRA 17:8)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni Kirova  
(nachal'nik - prof. P.P. Goncharov). Adres avtorov: Leningrad,  
K-9, ul. Lebedeva, 6, Voenno-meditsinskaya ordena Lenina  
akademiya imeni Kirova.

SITENKO, V.M., prof. (Leningrad, K-9, ul. Lebedeva, d.10-b, kv.2);  
KONSTANTINOVA, L.Ye.

Large cystic duct stump and its significance in the occurrence of  
the so-called postcholecystectomy syndrome. Vest. Khir. 91 no.10:  
12-18 0 '63. (MIRA 17:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni S.P. Fedorova  
(nachal'nik - prof. V.M. Sitenko) Voenno-meditsinskoy ordena  
Lenina akademii imeni Kirova, Leningrad.

SITENKO, Y.M., prof. (Leningrad, ul. Lebedeva, 10-g, kv.2); LECHEV,  
A.T., kand. med. nauk

Indications for the examination of the common bile duct during  
cholecystectomy in chronic cholecystitis. Vest. khir. 92 no.4:  
3-9 Ap '64 (LHA 12:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (nachal'nik - prof.  
Y.M. Sitenko) Voenno-meditsinskoy orbna. Len'ra akademii  
Imeni S.M. Kirova, Leningrad.

SITENKO, V.M., prof.; LYTKIN, M.I.; LEBEDEV, L.V.

Use of vascular prostheses in the treatment of arteriosclerosis  
obliterans. Vest. khir. no.7:3-8 J1 '64. (MIRA 18:4)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (nachal'nik prof. V.M. Sitenko) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova. Adres avtorov: Leningrad, K-9, Pirogovskaya naberezhnaya, 3, klinika fakul'tetskoy khirurgii Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.



SITENKO, V.M., prof.; SAMOKHVALOV, V.I., kand. med. nauk; BELOUSOV, A.G.

Multiple recurrences of peptic ulcers (Zollinger-Ellison syndrome).  
Vest. khir. no.10:14-20 '64. (MIRA 19:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (nachal'nik - prof.  
V.M. Sitenko) Voenno-meditsinskoy ordena Lenina akademii imeni  
Kirova i voyennogo gospihalya.

SITENKOV, V.T.

Determination of the critical velocity of solid particles  
in horizontal pneumatic pipelines. Khim. i tekhn. topl. i  
masel 8 no.9:51-54 S '63. (MIRA 16:11)

1. Novokuybyshevskiy filial Gosudarstvennogo instituta  
po proyektirovaniyu zavodov kauchukovoy promyshlennosti.

POSZLER, Laszlo, dr.; VAS, Imre, dr.; technikai munkatars: SITERI, Antalne

Contribution to a simple functional diagnosis of tuberculosis. Tuberkulosis 14 no.1:4-6 Ja '61.

1. A Szabadsaghegyi Allami Tudoszanatorium (igazgato: Vas Imre dr. kandidatus) kozlemenye.

(TUBERCULOSIS diag)

SITFS, Bohumil, inz. CSc.

Study of some problems of the organization of the dairy  
industry production. Prum potravin 15 no. 7:315-318 J1 '64.

1. Institute of Dairy Research, Prague.

*SITICH, M. V.*

AID P - 1448

Subject : USSR/Meteorology and Hydrology

Card 1/2 Pub. 71-a - 22/23

Authors : Various

Title : Chronicles

Periodical : Met. i gidro., 1, 66-67, Ja - F 1955

Abstract : 1) 3rd scientific conference of geophysicists of the Lithuanian SSR in May 1954 in Vil'nyus, reviewed by M. V. Sitich and A. I. Buz  
2) Conference on questions of aeroclimatology in October 1954 in Tashkent, reviewed by O. B. Mertsalova  
3) The IVth All-Union Scientific and Technical Conference of Hydro Electric Engineers on 26-29 October 1954 in Leningrad, reviewed by N. V. Somov.  
4) A letter by Dr. of Agric. Sci. F. F. Davitaya to the editor mentioning a correction to be made in a previous issue of this periodical.

AID P - 1448

Met. 1 gidro., 1, 66-67, Ja. - F 1955

Card 2/2 Pub. 71-a - 22/23

Institution: Main Administration of the Hydrometeorological Service  
at the Council of Ministers of the USSR

Submitted : No date

SITINSKIY, N.M.

Introducing the system of defectless manufacture of articles  
at the "Sardizel'" Plant. Mashinostroitel' no.9:9-10 S '64.  
(MIRA 17:10)

1. Starshiy kontrol'nyy master Saratovskogo zavoda "Sardizel'".

SIREMI, GY.

Operative conditions of tractor engines with different loads. I.

(To be contd.) p. 180 (Jarmavak Mezogazdasagi Gepek. Vol. 4, no. 4, Sept. 1957,  
Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,  
February 1958



SITKEI, Gyorgy

Operational conditions of tractor engines in case of fluctuating loads. Pt.2. Jarmu mezo gep 4 no.5:221-227 N '57.

NAKONYECSHIJ, I.I.; [Nakonechnyy, I.I.]; AVGYEJEV, N.B. [Avdeyev, N.B.];  
SITKEI, Gyorgy [translator];

Designing harvester-thresher variators. Jarmu mezo gep 5  
no.2:58-3 of cover Ap '58.

1. Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo  
khozyaystva (for Nakonechnyy, Avdeyev).

SITKEI, Gyorgy

Some problems relating to the experimental testing of two-stroke engines. Jarmu mezo gep 6 no.5:142-146 '59.

1. Budapesti Muszaki Egyetem Mezogeptan Tanszeke.

SITKEI, GY.

The theory of jet atomization. In German. p.87.

ACTA TECHNICA. Budapest, Hungary. Vol. 25, no. 1/2, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

RAZSO, I.; SITKEI, G.

Operational conditions of hauling motors during changeable loading.  
Periodica polytechn eng 4 no.4:349-365 '60. (EEAI 10:6)

1. Lehrstuhl für Landmaschinen, Technische Universität, Budapest.  
(Motor vehicles)

SITKEI, Gyorgy

Effect of the relative volume of the crankshafts on the suction  
process. Muszaki kozl MTA 25 no.1/4:241-248 '60. (EEAI 9:7)

1. Budapesti Muszaki Egyetem, Mezogazdasagi Gepek Tanszeke.  
(Crankshafts and cranks)

SITKEI, Gyorgy

Combustion processes of motors with a carburetor. Muszaki kozl MTA  
25 no.1/4:249-280 '60. (EEAI 9:7)

1. Budapesti Muszaki, Egyetem, Mezogazdasagi Gepek Tanszeke  
(Gas and oil engines)

SITKEI, Gyorgy

The process of combustion in diesel motors. Muszaki kozl MTA 25  
no.1/4:281-311 '60. (EEAI 9:7)

1. Budapesti Muszaki Egyetem, Mezogazdasagi Gepek Tanszeke.  
(Diesel engine)



SITKEI, G. (Budapest, XI. Bertalan Lajos u.1-3, Hungary.)

The kinetic interpretation of the new "Man-M" procedure. Periodica  
polytechn eng 5 no.1:49-63 '61.

1. Department of Agricultural Machinery, Polytechnical University,  
Budapest. Presented by Prof. Dr. I. Razso.

(Germany, East—Diesel motor)

BOLTINSZKIJ, V.N. [Boltinskiy, V.N.], akadémikus; SITKAI, György, dr.,  
a muszaki tudományok kandidátusa [translator]

Effect of the fluctuating load on the indicator indexes of  
tractor engines. Jarmu mezo gep 10 no.7:241-243 J1 '63.

SHITKEI, G.L. [Sitkei, Gy.]

New similarity equations for calculating ribbed surfaces of  
air-cooled engines. Trakt. 1 sel'khoz mash. 33 no.4:14-16 Ap '63.  
(MIRA 16:10)

1. Budapesty politekhnicheskij universitet.  
(Engines--Cooling)

SITKAI, György, a muszáj tudományok kandidátusa

Theory of centrifugal air filters applied on tractor engines.  
Műsz közl MTA 31 no.3:265-272 1964.

1. Chair of Agricultural Machinery of the Budapest Technical  
University.

SITKEVICH, I.G.

Improving cotton ginning. Tekst. prom. 18 no.2:34-35 F '58.  
(MIRA 13:3)

(Cotton gins and ginning)

YERMOLENKO, A.I., Prof., FARBERMAN, V.I., kand.med.nauk., SITKEVICH, V.Yu.

Current picture of the patients in a septic surgery department and  
polyclinic. Sov.med. 22 no.11:109-113 N'58 (MIRA 11:11)

1. Iz gosital'noy khirurgicheskoy kliniki (zav. - prof. A.V. Smirnov)  
Leningradskogo sanitarno-gigiyenicheskogo instituta.  
(HOSPITALS,  
septic surg., department (Rus))  
(OUTPATIENTS SERVICES,  
surg. (Rus))

KERESZTESI, Bela, dr., a mezogazdasagi tudomanyok (erdesztet)do ktora:  
SITKEY, Janos

Second conference arranged by the Permanent Working Group of  
Forestry, Council of Mutual Economic Assistance. Erdo 13 no.7:  
297-299 JI '64.

1. Director, Scientific Institute of Forestry, Budapest; Editor, "Az  
Erde" (for Kereszteti). 2. Head, Department of Forest Management,  
National Main Directorate of Forestry, Budapest (for Sitkey).

SITKEY, Janos

Timber production development in state forestries during the  
past 10 years. Erdo 13 no.10:457-458 0 '64.



**SITKHINA, D.Ye.**, kandidat ekonomicheskikh nauk.

Improving the organization of labor on assembly conveyers. Der.  
i lesokhim.prom. 3 no.10:27-29 0 '54. (MLRA 7:11)

1. Leningradskaya ordena Lenina lesotekhnicheskaya akademiya im.  
S.M.Kirova.  
(Furniture industry)

PETROV, Boris Sergeevich, professor; MITIN, Aleksey Griger'yevich, dotsent;  
SITKHINA, Dina Yefimovna, dotsent; SAMKULO, Grigoriy Mikheyevich,  
dotsent; VASIL'YEV, P.V.; professor, retsenzent; DESPEROV, V.S.,  
Inzhener, retsenzent; KOPTOV, G.YE., redakter; ARHOL'DOVA, K.S., redak-  
ter; SHITS, V.P., tekhnicheskiy redakter. (MLRA 9:4)

[Organization and planning of production in wood processing enterprises]  
Organizatsiia i planirovanie proizvodstva na derevebrabatyvaiushchikh  
predpriiatiiakh. Moskva, Gelesbumizdat, 1955. 407 p.  
(Woodworking industries)

SITKHINA, Dina Yefimovna, dots.kand.ekon.nauk; DELIMOV, A.I., kand.ekon.nauk, retsenzent; BOYTSOV, K.P., kand.ekon.nauk, retsenzent; PIETROV, B.S., prof., doktor ekon.nauk, otvetstvennyy red.; BRUK, A.Ya., red.

[Organization and planning of production at enterprises of the wood pulp and wood chemical industries; manual on planning for students in engineering and economics departments] Organizatsiia i planirovanie proizvodstva na predpriatiakh tselliulozno-bumazhnoi i lesokhimicheskoi promyshlennosti; rukovodstvo k kursovomu proektirovaniu dlia studentov inzhenerno-ekonomicheskogo fakul'teta. Leningrad, Izd. VZLPI, 1956. 86 p. (MIRA 11:4)  
(Wood-using industries)

SITKHINA, D.Y. kandidat ekonomicheskikh nauk.

Eliminating loss of workers' time. Der.prom.5 no.6:17 Je '56.  
(MIRA 9:9)

1.Leningradskaya ordena Lenina lesotekhnicheskaya akademiya  
imeni S.M.Kireva.  
(Woodworking industries) (Labor productivity)

SITKHINA, Dina Yefimovna; BARSKIY, A.A., red.; VALLAKH, T.G., red.  
izd-va; BRATISHKO, L.V., tekhn.red.

[Increasing the labor productivity in furniture enterprises]  
Puti povysheniia proizvoditel'nosti truda na mebel'nykh  
predpriatiakh. Moskva, Goslesbumizdat, 1958. 54 p.  
(MIRA 12:8)

(Furniture industry)

PETROV, Boris Sergeevich, prof., doktor ekon. nauk; VOLKOV, N.Ya., retsen-  
zent; SITKHINA, D.Ye., red.; POLUNICHEV, I.A., red. izd-va; PARAKHINA,  
N.L., tekhn. red.

[Production organization and planning in the woodworking industries]  
Organizatsiia i planirovanie proizvodstva na derevoobrabatyvaiushchikh  
predpriiatiakh. Moskva, Goslesbumizdat, 1960. 312 p. (MIRA 14:6)

1. Starshiy inzhener sektora derevoobrabotki lesnogo otdela Gosplana  
SSSR (for Volkov)  
(Woodworking industries—Management)

FROKHORCHUK, I.S., prof.; SAMKNULO, G.M., dots.; BOYTISOV, K.P., dots.;  
NECHUYATOVA, N.P., dots.; POPOV, N.I., dots.; ~~SITKHINA, D.Ye.~~  
MITIN, A.G., dots.; SUCHIL'NIKOV, N.G., red.; GOSPODARSKAYA, T.N.,  
red. izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Economics of the woodworking industry] Ekonomika lesobrabaty-  
vaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1961. 309 p.  
(MIRA 15:3)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M.Kirova (for Frokhorchuk, Boytsov, Nechuyatova, Popov, Sitkhina, Mitin).
2. Vsesoyuznyy nauchnyy lesotekhnicheskii institut (for Samknulo).  
(Woodworking industries)

SITKHINA, Dina Yefimovna; PETROV, B.S., red.; GOSPODARSKAYA, T.N.,  
red.izd-va; AKOFOVA, V.M., tekhn. red.

[Establishing technical work norms in woodworking industry  
enterprises] Tekhnicheskoe normirovanie truda na predpri-  
iatiakh lesoobrabatyvaiushchei promyshlennosti. Moskva,  
Goslesbumizdat, 1963. 362 p. (MIRA 17:3)



PETROV, Boris Sergeevich, prof., doktor ekon. nauk; SITKHINA, D.Ye.,  
red.

[Organization and planning of production in woodworking  
enterprises] Organizatsiia i planirovanie proizvodstva na  
derevoobrabatvavushchikh predpriatiiakh. 2., perer. izd.  
Moskva, Lesnaja promysl., 1964. 374 p. (MIRA 18:3)

SITKHINA, Dina Yefimovna; ZAKHAROV, Zakhar Nikolayevich,  
retsensent; KIRPICHEV, Sergey Stepanovich, retsensent;  
LIKHOVIDOV, N.K., red.

[Establishing technical norms in woodworking industries]  
Tekhnicheskoe normirovanie derevoobrabatyvaiushchego  
proizvodstva. Moskva, Lesnaia promyshlennost', 1965. 182 p.  
(MIRA 13:7)

POLAND/Safety Engineering. Sanitation Engineering. Sanitation. L

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10743

Author : Sitkiewicz, J.

Inst : Not given

Title : The Enforcement of Fire Safety Regulations During the Polymerization of Oils

Orig Pub: Przegł. Pozarn., 1956, Vol 35, No 4, 10-16 (in Polish)

Abstract: The greatest fire hazards in the processing of vegetable oils (VO) used in the manufacture of paints and lacquers is encountered during the polymerization operation, which is usually carried out at temperatures near the flashpoint of the oils. The heating of VO to temperatures higher than 320° is prohibited; the temperature is lowered by addition of cold polymerized oil. The temperature of the VO must be reduced to 120° before they may be pumped into the storage tanks. The polymerization of the VO is carried out under a CO<sub>2</sub> blanket or vacuum. The kettles must be filled to less than 2/3

Card 1/2

POLAND/Safety Engineering. Sanitation Engineering. Sanitation. L

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10743

Abstract: to 3/4 capacity because of the tendency of the VO to foam. In order to avoid violent foaming, the heating of the VO to 100° must be carried out in slow stages with constant stirring. Among the fire hazard control measures the author lists the location of storage tanks away from the production areas, at a minimum distance of 15-20 m; the grounding of the storage tanks; and the purification of the VO from volatile constituents.

Card 2/2

POLAND / Chemical Technology, Chemical Products and Their Application, Part 3. - Pesticides. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62038.

Author : ~~Jerzy Sitkiewicz~~

Inst : Not given.

Title : Upon the Combustibility of Chemical Insecticides.

Orig Pub: Przegl. pozarn., 1957, 36, No 12, 12 - 15.

Abstract: The capacity to explode the toxicity of some insecticides (I)  $\sqrt{\text{DDT}}$  (I), Cyanofume (II), dichloroethane (III) are discussed from the point of view of fire hazard and possible poisoning at work with them, their storage and fire extinguishing. The penetration of moisture into the packing of II is the most frequent cause of fires. The powder-like preparation with 5 to

POLAND / Chemical Technology, Chemical Products and Their Application, Part 3. - Pesticides. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62038.

Abstract: 10% of I is safe from the point of view of fire hazard. 25 to 45% solutions of I in naphtha-solvent are the most dangerous. III is fire hazardous in the process of production in consequence of the separation of  $C_2H_4$ , which produce explosive mixtures with air within the range from 3 to 34%. A number of rules must be observed at storing I-s. The temperature in the premises must not be below 50, various I-s must be stored in different premises, the rows of boxes with I-s must be at least 1.3 m away from the store walls. The heating is allowed only with coal from outside the premises with I-s. Corresponding gas masks must be used in

Card 2/3

Card 3/3

65

1955, 4.

"New Kinds of Goods Produced by the Tanning Industry", p. 42; "History of Technology as an Important Element in the Shaping of a World Outlook", p. 43; "The Tanning Industry in Poland in the Past." (To be contd.) p. 44, (PRZEGLĄD WIEDZY, Vol. 9, No. 2, Feb. 1954, Lodz, Poland)

56: Monthly List of East European Acquisitions, (EAL), IC, Vol. 4, No. 5, May 1955, Incl.

SITKIN, B. S.

SITKIN, B. S.--"Investigation of the Problem of Increasing the Effectiveness of Wood-Processing Operations wit in Construction Organizations (The Ministries of Construction Enterprises and the Metallurgical and Chemical Industries)."  
Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Science)

SO Knizhanay letopis'  
No 2, 1956



SITKIN, M.N. podpolkovnik meditsinskoy sluzhby

Treating dystrophic (benign) polyarthrits at the Khosta Sanatorium.  
Voen.-med. zhur. no.5:55-60 My '56. (MIRA 9:9)  
(JOINTS--DISEASES) (KHOSTA--MINERAL WATERS, SULFUROUS)

SITKIN, M.N., podpolkovnik meditsinskoy sluzhby

Effect of health resort therapy at the Khost sanatorium on the  
temperature regulation of patients with dystrophic polyarthrit~~is~~.  
Voen.-med. zhur. no. 6:45-48 Je '60. (MIRA 13:7)

(ARTHRITIS) (BODY TEMPERATURE)

(KHOSTA—THERAPEUTICS, PHYSIOLOGICAL)

SITKIN S.M.

AUTHORS: Mitkun, N.K., and Sitkin, S.M., Engineers 28-58-2-31/41

TITLE: Calculation of the Economic Effectiveness of **Standard Specifications** (Raschet ekonomicheskoy effektivnosti normali)

PERIODICAL: Standartizatsiya, 1953, Nr 2, p 75-77 (USSR)

ABSTRACT: There is no generally-accepted method for calculating the economic effect of a "normal" in the process of work on projects for standards and "normals", and every organization bases the calculations on its own principles. The authors describe the calculation method used at their project and design bureau and illustrates it by a practical example (the economic effect of introducing the "normal" "Manhole, deck, round" into designing routine and into production). It is mentioned that such deck manhole structures were formerly produced by 30 plants. Now, the production will be centralized at only 5 plants. The authors think that the information may be of practical interest to normalization workers.

AVAILABLE: Library of Congress

Card 1/1 1. Specifications-Standards-Economic effect 2. Standardization-USSR

SITKIN, V., kapitan 2-go ranga; BUTOV, S., kapitan 3-go ranga

Lectures for voluntary propagandists. Komm.Voeruzh.Sil 2  
no.15:55-56 Ag '62. (MIRA 15:7)  
(Russia--Navy--Political activity)

SITKINA, L

~~SITKINA~~, L.: TABAROVSKAYA, S.

A proposal which leads to a weakening of financial control.  
Fin. SSSR 16 no.3:58 Mr '55. (MLRA 8:2)  
(Budget)

SITKO, A.Ya., inzh.

Designing railroad installations in connection with surface haulage  
in open-pit coal mining regions. Trudy MIIT no.118:85-97 '58.

(MIRA 12:2)

(Railroads--Yards) (Loading and unloading) (Coal--Transportation)

SITKO, A. Ya.: Master Tech Sci (diss) -- "The complex planning of junction stations in regions of open-pit coal workings based on unit technological processes". Moscow, 1959. 14 pp (Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers im I. V. Stalin), 150 copies (KL, No 11, 1959, 120)

VASILI'YEV, V.V.; SIT'KO, I.L.

Use of ultrasound to accelerate the quantitative precipitation of  
calcium, magnesium, and barium. Vest. LGU 19 no.4:165-167 '64.  
(MIRA 17:3)



GDOVIN, Tomas, prof. MVDr.; SITKO, M., promovany veterinarni lekar

Dwarfing of swine in the light of clinical examinations.  
Vet medicina 3 no.6:431-436 B '63.

1. Chair of Internal Diseases of Even-Toed Ungulates of the  
Faculty of Veterinary Medicine of the Higher School of  
Agriculture, Kosice. Head of the Chair: [prof. MVDr.]  
Tomas Gdovin.

CZECHOSLOVAKIA

SEANEHA, L.; BARTKO, P.; SIEKO, M.; Veterinary Faculty, College of Agriculture (Veterinárska Fakulta VSP), Kosice.

"Acidity of Abomasum in Cattle."

Prague, Veterinarni Medicina. Vol 11, No 10, Oct 66, pp 603-611

Abstract /Authors' English summary modified/: Actual and titration acidity of abomasum in cattle was studied by the method of permanent fistula and after the puncture of the abomasum. Indirect determination using ion-exchangers and later determining these in the urine was also used. The pH found was 2.92. Trends observed during the various periods of the day and during fasting are described. 4 figures, 4 tables, 12 Western, 2 Czech references. (manuscript received 18 Mar 66).

SIT'KO, P. O.

Dec 47

USSR/Medicine - Flies  
Medicine - Heredity, Experimental

"Mutation in Drosophila Through the Action of Dichloridethylsulphide," S. M. Gershenson,  
N. A. Zil'berman, O. L. Levochkina, A. M. Pashkovskiy, I. O. Sit'ko, N. D. Tarnaskiy,  
Genetics Sec, Inst Zool, Acad Sci USSR, 2 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVIII, No 7

Chemical stimulation of mutation was begun before war. In postwar period yperite  
included in experiments. Observed that this substance had high mutation genesis quality  
which acts directly on chromosomes but does not cause any biological changes in cytoplasm.  
Submitted by Academician A. V. Palladin, 27 Jun 1947.

PA 60153

SIT'KO, P.O.

4250F Razvedeniye Dubovogo Shelkopryada v yestestvennoy srede. Agrobiologiya,  
1948, No., 5 S. 136-46.

SIT'KO, P.O.

USSR/Medicine - Heredity, Mechanism  
Medicine - Nucleins

Mar/Apr 48

"Induction of Mutation in *Drosophila* by Thymonucleic Acid," S. M. Gurshevson, R. I. Zil'berman, G. L. Lovochkina, P. O. Sit'ko, N. S. Karnavskiy, Zool Inst, Acad Sci USSR, 20 pp

"Zhur Obshch Biol" Vol II, No 2

Presents results obtained by nurturing larvae of two lines of *D. melanogaster* in media containing 8% and 12% sodium thymonucleate. Morphosis (principally wing indentations) were frequently observed in resultant flies; moreover, there were increases in mortality rate and lengthens of growth period. Discusses reasons for failure of previous efforts in this field and significance of results in relation to some general problems of genetics. Submitted 28 Jul 47

EA 5/49763

SIT'KO, P.O.

Methods of raising selected species of *Antheraea pernyi*. Trudy  
Inst.sool AN URSS no.7:61-85 '52. (MLRA 8:12)  
(Silkworms)

SIT'KO, P.O.

Problems in breeding *Antheraea pernyi*. Trudy Inst.zool. AN URSR  
no.7:105-125 '52. (MLRA 8:12)

(Silkworms)

SIT'KO, Pantelaymon Onufriyevich

[Principles and methods of selection and breeding in sericulture]  
Pryntsypy ta metody selektsii i plemynnoi spravy v shovkivnytstvi.  
Kyiv, Akademiia nauk Ukrainskoi RSR, 1958. 82 p. (MIRA 11:10)  
(Silkworms)



SIT'KO, P.O. ---

Controlled (bioanthropic) selection. Zhur.ob.biol. 20 no.5:398-404  
S-0 '59. (MIRA 13:1)

1. Institut zoologii Akademii nauk USSR, Kiyev.  
(ADAPTATION (BIOLOGY))

SIT'KO, P. O., Doc Biol Sci (diss) -- "Principles and methods of selection and breeding in silk production". Kiev, 1960. 30 pp (Acad Sci Ukr SSR, Dept of Biol Sci), 200 copies (KL, No 14, 1960, 129)

SIT'KO, P.O. [Syt'ko, P.O.]

Relation between the sexual dimorphism of the Chinese  
pernyi moth. Pratsi Inst.zool.AN URSS 16:68-73 '60.  
(MIRA 13:7)

(Silkworms)

SIT'KO, P.O. [Syt'ko, P.O.]

Features of the emergence, flight and mating of the pernyi  
moth (*Antheraea pernyi* G.-M.). Pratsi Inst. zool. AN URSR  
16:81-90 '60. (MIRA 13:7)  
(Silkworms)

SITKO, P.O. [SITKO, P.O.]

Ecology and geographical distribution of Arthropods Nature of  
biology, Praha Inst. zool, AN CRSE 20:3-12 '64.

(MIRA 18:4)

SITEC, E.

Conference of Foundrymen in 1954. Biuletyn. p. 20. (PRZEGLAD ODLEWNICTWA,  
Vol. 4, No. 9, Sept. 1954, Krakow, Poland)

SO: Monthly List of East European Accessions, (FEAL, 10, Vol. 3, No. 1, Dec.  
1954, Uncl.

SITKO, Roman, mgr

"Foundry Dictionary" by Bader Olivier and Theret, Michel.  
Reviewed by Roman Sitko. Przegl odlew 11 no.11:351 '61.

SIT'KO, R. YA., ZHELUDEV, I. S.

"The Behavior of Domains of Seignette Salt in Alternating Electric Fields," by I. S. Zheludev and R. Ya. Sit'ko, Institute of Crystallography, Academy of Sciences USSR, Kristallografiya, Vol 1, No 6, Nov/Dec 56, pp 689-691

On the basis of individual frames of motion pictures, the behavior of the domains of Seignette salt in alternating electric fields with a potential gradient of 50 volts per centimeter has been studied at frequencies of 32 and 1,000 cycles. The hysteresis of the reorientation of domains in alternating fields was investigated.

SUM. 1287



AUTHORS: Zheludev, I.S. and Sit'ko, R.Ya.

TITLE: Character of Change in the Domain Structure of Seignette's Salt in Alternate Elec Fields (Kharakter izmeneniya domennoy struktury segnetovoy soli v peremennykh elektricheskikh polyakh).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Vol. XXI, #2, pp 286-288, 1957, USSR, Seriya fizicheskaya

ABSTRACT: In order to clear up the role of domains in the process of re-polarization of ferroelectrics, the domain structure of Seignette's salt was filmed at frequencies of 32 and 1,000 hertz at various intensities of the elec field applied. The filming method used was the conventional one with stroboscopic illumination.

The photos shown in the article picture the change of domain structure at a frequency of 32 hertz and voltages of 36 and 56 v/cm and a frequency of 1,000 hertz and voltages of 56 and 76 v/cm.

Card 1/2

TITLE: Character of Change in the Domain Structure of Seignette's Salt in Alternate Elec Fields (Kharakter izmeneniya domennoy struktury segnetovoy soli v peremennykh electriceskikh polyakh).

The most important conclusion drawn from these photos is the fact that the domain structure appears different at equal field voltages depending upon whether this field voltage is arrived at by increasing or decreasing the field intensity. This phenomenon is a manifestation of hysteresis of domain structure changes during application of elec fields.

The hysteresis of domain re-orientation is more clearly expressed with increase in field intensity.

2 photos are given. 1 Russian reference is listed.

INSTITUTION: Institute of Crystallography of the USSR Academy of Sciences

PRESENTED BY:

SUBMITTED: No date

AVAILABLE: At the Library of Congress

Card 2/2

~~SITKO, V. P., ARTYUSHENYA, A. N., DEMYANCHENKO, G. P., MURDABAY, F. P.,~~  
~~KHREBTOVICH, Ye. G., AND MAYEVSKIY, A. D.~~

SITKO, V. P. "Simultaneous prevention of cattle against ixode ticks and blood-sucking insects."

Veterinariya, Vol. 37, No. 4, 1960, p. 81

Syt'ko - Vet asant.

SITKO, Wojciech; WOZNIAK, Czeslaw; WYRA, Szczepan.

Methods of computing the influence numbers for self compensating pipelines. Budown Gliwice no.12:63-77 '64.

1. Department of Mechanics and Strength of Materials of the Silesian Technical University, Gliwice.

SITKO, Wojciech

A certain method of speeding the convergence of iterative series.  
Budown Gliwice no. 12:55-62 '64.

1. Department of Mechanics and Strength of Materials, of the Silesian  
Technical University, Gliwice.

SITKOV, A.P.

The way we carry out the decisions of the June Plenum of  
the Central Committee of the CPSU. Bum.prom. 35 no.6:6-8  
Je '60. (MIRA 13:7)

1. Direktor Balakhninskogo tsellyulozno-bumazhnogo kombinata.  
(Balakhna--Paper industry)

SITKOV, A.P.

For the fulfillment of third year of the seven-year plan ahead of  
schedule. Bum.prom. 36 no.3:8 Mr '61. (MIFA 14:4)

1. Direktor Balakhninskogo kombinata.  
(Balakhna—Paper industry)

SITKOV, N.F.

Training of voluntary inspectors. Bezop.truda v prom. <sup>6</sup>  
no.3:27-28 Mr '62. (MIRA 15:3)

1. Obshchestvennyy inspektor shakhtoupravleniya No.9-10, g. Chistya-  
kovo Donetskoy oblasti.  
(Chistiakovo—Mine inspection)



SITROV, N. Ya. 300

1. SITROV, N. Ya. , Engineer

2. USSR (300)

Machine Tool Plant Izhmash  
"The question regarding the Utilization of Radical Drilling Machines"  
Standart Instrument, 12, No. 5, 1971.

3. Report U-1503, 4 Oct. 1951.

GROSHEV, I.A., inzh.; IL'IN, E.I., inzh.; RABINOVICH, G.A., inzh.;  
SITKOVSKIY, A.Ya., inzh.; TSIBULEVSKIY, A.I., inzh.

Automatic conveyor line. Mekh. i avtom. proizv. 17 no.5:5-6  
My '63. (MIRA 1:6:6)

(Balaklava—Conveying machinery)  
(Electronic control)

SITKOVSKIY, A.Ya., inzh.; RABINOVICH, G.A., inzh.; BERLOVSKIY, I.A., inzh.;  
GUTNIKOV, I.A., inzh.

Control sets of automatic jawbreakers. Ger. zhur. no. 458-52  
S '65. (SIRA 1210)

1. Institut Tyazhpromavtomatika, Khar'kov (for Sitkovskiy,  
Rabinovich). 2. Khar'kovskiy nauchno-issledovatel'skiy  
elektrotekhnicheskiy institut (for Berlovskiy, Gutnikov).

SITKOVSKIY, I. N.

SITKOVSKIY, I. N.; ABDULAYEV, G. K.

Morphological characteristics of pyrite crystals of the Bitti-  
Bulakhsk field. Zap. Vses. min. ob-va 86 no.4:481-485 '57.  
(MIRA 11:1)

(Kedabek District--Pyrites)

ABDULLAYEV, R.N.; AZIZBEKOV, Sh.A.; BAYRAMALIBEYLI, E.T.; KASHAT, M.A.;  
KERIMOV, A.D.; KERIMOV, G.I.; MUSTAFABEYLI, M.A.; SITEVSKIY, I.N.;  
SHIRVANZADE, I.A.; SHIKHALIBEYLI, E.Sh.; EFENDIYEV, G.R.

Principal metallogenetic characteristics of Azerbaijan [with summary  
in English]. Sov. geol. 1 no.4:98-110 Ap '58. (MIRA 11:6)

1.Geologicheskii institut AN AzerSSR.  
(Azerbaijan--Ore deposits)

ABDULLAYEV, R.N.; AZIZBEKOV, Sh.A.; KASHKAY, M.A.; KERIMOV, G.I.;  
MUSTAFABEYLI, M.A.; SITKOVSKIY, I.N.; SHIKHALIBEYLI, E.Sh.;  
DOLGOV, V., red. izd-va; DZHAFAROV, Kh., tekhn. red.

[Metallogeny of Azerbaijan] Metallogeniia Azerbaidzhana. Baku,  
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1. Institut geologii Akademii nauk Azerbaydzhanskoy SSR (for  
Abdullayev, Azizbekov, Kashkay, Kerimov, Shikhalibeyli). 2. Azer-  
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Sitkovskiy).

(Azerbaijan—Ore deposits)

SITKOVSKIY, I.N.

Small intrusions of the Caucasus and their metallogenic role.  
Zakonom.razm.polezn.iskop. 7:193-200 '64. (MIRA 17:6)

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov  
Azerbaydzhanskoy SSR.

SITKOVSKIY, I.P.

Plastic parts. Zhel.dor.transp. 37 no.12:75-76 D '55. (MLRA 9:5)  
(Plastic materials)



317005001 1/P  
 ALPEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; ZOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETREEV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V., retsenzent; VIASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent; SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A., redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; GHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMEROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.

MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S.,  
redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor;  
CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A.,  
redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika. Izd.  
3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos.  
transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta.  
(Railroads)

SITKOVSKIY, I.P.

Parts of transportation equipment made of plastics. Zhel. dor. transp.  
40 no.8:64-66 Ag '58. (MIRA 11:9)

1. Glavnyy inzh. Lyuberetskogo zavoda plasticheskikh mass Ministerstva  
putey soobshcheniya.  
(Railroads--Equipment and supplies) (Plastics)

LUK'YANCHIKOV, I.K., inzh.; SITKOVSKIY, I.P., inzh.; GUBAREVA, N.T., red.;  
BOBROVA, Ye.N., tekhn.red.

[Use of plastics in foreign railroad equipment; collection of translated articles] Plasticheskie massy na zarubezhnom zhelezno-dorozhnom transporte; sbornik perevodov. Moskva, Vses.izdatel'sko-poligr.ob'edinenie M-va putei soobshchenia, 1960. 103 p.

(MIRA 13:9)

(Plastics) (Railroads--Equipment and supplies)

SITKOVSKIY, Il'ya Pavlovich;SOROKIN, G.Ye., retsenzent; GURAFIY, M.G.,  
retsenzent; KOLTUNOVA, M.P., red.; KHITROVA, N.A., tekhn. red.

[Use of plastics for railroad equipment] Plasticheskie massy v  
zheleznodorozhnom dele. Moskva, Vses. izdatel'sko-poligr. ob"edi-  
nenie M-va putei soobshchenia, 1961. 180 p. (MIRA 14:11)  
(Railroads--Equipment and supplies) (Plastics)

SITKOVSKIY, I.P., inzh.; RYZHOVA, Z.A., kand. tekhn. nauk

Plastic locomotive parts. Trudy TSNII NFS no.242:102-111  
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(Plastics) (Locomotives)

LUK'YANCHIKOV, I.K.; SITKOVSKIY, I.P.

Use of polymers in railroad transportation. Zhel. dor. transp.  
45 no.3:21-26 Mr '67. (MIRA 16:6)

1. Rukovoditel' otdeleniya polimerov Vsesoyuznogo nauchno-  
issledovatel'skogo instituta zheleznodorozhnogo transporta  
Ministerstva putey soobshcheniya (for Luk'yanchikov). 2. Ruko-  
voditel' laboratorii otdeleniya polimerov Vsesoyuznogo nauchno-  
issledovatel'skogo instituta zheleznodorozhnogo transporta  
Ministerstva putey soobshcheniya (for Sitkovskiy).  
(Railroads--Equipment and supplies)  
(Plastics)

VEDENKIN, Sergey Grigor'yevich, prof.; VINITSKIY, Lazar' Yefimovich  
kand. tekhn. nauk; LUK'YANCHIKOV, Ivan Kuz'mich, inzh.;  
RYZHOVA, Zinaida Alekseyevna, kand. tekhn. nauk; SITKOVSKIY,  
Il'ya Pavlovich, inzh.; BRATCHIK, Ye.I., red.

[Polymers in railroad transportation] Polimery zheleznodorozh-  
nomu transportu. [By] S.G.Vedenkin i dr. Moskva, Transport,  
1964. 91 p. (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta, otdeleniye polimerov (for Ryzhova).
2. Glavnnyy konstruktor Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Sitkovski).
3. Rukovoditel' otdeleniya polimerov Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Luk'yanchikov).
4. Rukovoditel' laboratorii korrozii otdeleniya ispytaniya materialov i konstruktsiy Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Vedenkin).
5. Rukovoditel' laboratorii reziny otdeleniya polimerov Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Vinitskiy).



SITKOVSKIY I. S.

137-58-3-5115

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 92 (USSR)

AUTHORS: Tayts, N. Yu., Sitkovskiy, I. S., Minayev, A. N.

TITLE: High-speed Heating of Stock in Sectional Furnaces (Skorostnoy nagrev zagotovok v sektionnykh pechakh)

PERIODICAL: Byul. nauchno-tekhn. inform. Vses. n.-i. trubnyy in-t. 1957, Nr 3, pp 75-85

ABSTRACT: A report on the results of an investigation carried out in a twin-chamber furnace of VNITI design, intended to establish thermal parameters essential in design of sectional furnaces, employed for continuous, high-speed heating of round stock (S) prior to broaching. S of steel 10, 15KhM, and 1Kh18N9T was subjected to heating. It is established that, when the operating region of the furnace is at a temperature of 1450°, the specific time required for the heating of round S 80-110 mm in diameter amounts to 0.95-1.15 min/cm. Compared with the standard continuous method the high-speed heating method reduces fume losses of metal by 47-60 percent and promotes a good uniformity of heating; the temperature difference throughout the cross section of the specimen does not exceed 10° at the time

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137-58-3-5115

High-speed Heating of Stock in Sectional Furnaces

of completion of the heating process. The mechanical properties of finished pipes obtained from S subjected to rapid heating exceed the GOST specifications and are comparable to the properties of pipes which were heated continuously.

V. F.

Card 2/2

SOV/137-59-3-6965  
Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 291 (USSR)

AUTHORS: Tayts, N. Yu., Sitkovskiy, I. S.

TITLE: On the Problem of Redesigning Old Tube-welding Furnaces (K voprosu o rekonstruktsii trubosvarochnykh pechey staroy konstruktsii)

PERIODICAL: Byul. nauchno-tekhn. inform. Vses. n.-i. trubny in-t, 1958, Nr 4-5, pp 135-142

ABSTRACT: The process of heating of skelps (S) in furnaces (F) of older design accounts for a considerable portion of the time required for the manufacture of one welded gas pipe. Nonuniformity in temperature throughout the length of the hearth constitutes the major drawback of the existing F's. Because heat is introduced at the front of the F and because the combustion products become cooler as they pass along the hearth, the rear of the F has a lower temperature. The temperature drop throughout the length of the F may vary from 60 to 280°C. In order to achieve uniform temperature of the S, it is necessary that its rear section be heated first before the entire S is charged into the F. To increase the productivity of the F's of butt-welding machines with stationary stands, the following measures are

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On the Problem of Redesigning Old Tube-welding Furnaces

essential: 1) Elimination of nonuniformity of temperature in the F by means of installing appropriate numbers of burners or spray burner nozzles on both sides of the F in order to ensure adequate supply of heat throughout its entire length; 2) increase the temperature of the F's to the maximum permissible value under 1550°; 3) mechanization of operations of charging of S's into the F by means of installing a charging device at the rear of the F; the S's should be transported by means of a crane or a telfer, while their charging into the F should be accomplished with the aid of magnetic rollers; 4) installation of individual gas producers (1-2 per each F) supplying crude heated gases into the F; if available, natural gas should be utilized for heating of the F's; 5) utilization of heat from the waste gases in heating of air which is consumed during combustion and in production of steam with technologically acceptable parameters; 6) installation of inspection and measuring devices, gages, and control instruments on the F's.

M. K.

Card 2/2