

HAYFEL'D, H.R.

HAYFEL'D, H.R.

Periodicity of resistance measurements for grounding devices.
Energetik 5 no.5:38 Ky '57. (MLRA 10:6)
(Electric currents--Grounding)

Mayfeld, M.R.
YATSEVICH, V.B. (g. Khar'kov); NAYFEL'D, M.R.

Testing the contacts of grounding systems. *Energetik* 5 no.4:39 Ap '57.
(Electric circuits) (MIRA 10:6)

HAYFELD, M.B., inventor.

Using thin-walled steel pipes for zero-phase grounding. From. energ.
12 no. 5:27-29 My '57. (MLRA 10:6)
(Electric current--Grounding)

FAYFEL'D, M.R.

Protective switching for portable equipment. Energetik
5 no.1:40 Ja '57.

(MLRA 10:2)

(Electric engineering)

MATTEL'D, M.R.

Possibilities of using grounding mains as a neutral. *Energetik 5*
no.2:38 F '57. (MIRA 10:3)
(Electric engineering)

ANTIPOV, K.F., inzh.; BALAKSHIN, B.S., prof., doktor tekhn.nauk; BARYLOV, G.I., inzh.; BEYZEL'MAN, R.D., inzh.; BERDICHEVSKIY, Ya.G., inzh.; BOBKOV, A.A., inzh.; KALININ, M.A., kand.tekhn.nauk; KOVAN, V.M., prof., doktor tekhn.nauk; KORSAKOV, V.S., doktor tekhn.nauk; KOSILOVA, A.G., kand.tekhn.nauk; KUDRYAVTSEV, N.T., prof., doktor khim.nauk; KURYSHEVA, Ye.S., inzh.; LAKHIN, Yu.M., prof., doktor tekhn.nauk; NAYZUMAN, M.S., inzh.; NOVIKOV, M.P., kand.tekhn.nauk; PARIYSKIY, M.S., inzh.; PEREPOKOV, M.N., inzh.; POPILOV, L.Ya., inzh.; POPOV, V.A., kand.tekhn.nauk; SAVERIN, M.M., prof., doktor tekhn.nauk; SASOV, V.V., kand.tekhn.nauk; SATEL', E.A., prof., doktor tekhn.nauk; SOKOLOVSKIY, A.P., prof., doktor tekhn.nauk [deceased]; STANEVICH, V.G., inzh.; FRUMIN, Yu.L., inzh.; KHRAMOY, M.I., inzh.; TSEYTLIN, L.B., inzh.; SHUKHOV, Yu.V., kand.tekhn.nauk; MARKUS, M.Ye., inzh., red. [deceased]; GRANOVSKIY, G.I., red.; DEM'YANYUK, F.S., red.; ZUBOK, V.N., red.; MALOV, A.H., red.; NOVIKOV, M.P., red.; CHARNKO, D.V., red.; KARGANOV, V.G., inzh., red. graficheskikh rabot; SOKOLOVA, T.F., tekhn.red.

[Manual of a machinery designer and constructor; in two volumes] Spravochnik tekhnologa-mashinostroitelia; v dvukh tomakh. Glav. red. V.M.Kovan. Chleny red.soveta B.S.Balakshin i dr. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.1. Pod red. A.G.Kosilovoi. 1958. 660 p. (MIRA 13:1)
(Mechanical engineering--Handbooks, manuals, etc.)

NAYFEN'D, H.R.

Grounding electric motors mounted on sleds, Energetik 6 no.5:38
My '58. (MIRA 11:7)
(Electric motors) (Electric currents--Grounding)

NAYFELD, M.R.

AUTHOR: Nayfel'd, M.R. 91-58-7-23/27

TITLE: The Operation of the 380/220 v Network with Grounded and with Insulated Neutral Conductor (Rabota seti 380/220 v s zazemlennoy i izolirovannoy neytral'yu).

PERIODICAL: Energetik, 1958, Nr 7, p 38 (USSR).

ABSTRACT: A.S. Seranyan from Stepanakert asks for the operating conditions of the 380/220 v network with simultaneous power and lighting load supply, the neutral conductor being either connected with dead ground or insulated and which of both operating conditions should be preferred for industrial shops. The author answers that the utilization of a 4-conductor 380/220 v network with insulated neutral conductor is prohibited by the "Regulations for Electro-technical Installations". In a 4-conductor network, the neutral conductor must be grounded. The simultaneous power and lighting load supplied by common transformers to 4-conductor networks is used mainly in industrial enterprises. The insulated neutral conductor is utilized only in 3-conductor three-phase networks. The choice of such a 3-conductor system depends on many conditions. Recom-

Card 1/2

The Operation of the 380/220 v Network with Grounded and with Insulated Neutral Conductor. 91-58-7-23/27

Recommendations regarding this question are contained in the book "Protective Groundings in Electrotechnical Installations" by M.R. Mayfel'd, published in 1956. There is one Soviet reference.

1. Electrical networks--Operation

Card 2/2

AUTHOR: Mayfel'd, M. R., Engineer SOV/105-58-9-11/34

TITLE: Safety Conditions in Portable Electric Equipment
(Perenosnye elektrooborudovaniye i usloviya bezopasnosti)

PERIODICAL: Elektrichestvo, 1958, Nr 9, pp 52 - 54 (USSR)

ABSTRACT: First, a brief survey is given on accidents through contact potential in portable equipment, in the USSR as well as in other countries. The grounding problem for houses and public buildings is solved differently by the respective standards in various countries. In this paper the suitability of these solutions of two types, i.e., with or without grounding, is studied. It is pointed out that, where floors of buildings are made of wood, or of some other material having good insulating properties, the positive views of grounding will become meaningless. On the other hand it is clear from practice that, with a grounding existing in portable equipment, this will be very often the cause of an accident. Some examples are given here. Until a short time ago in any country sockets were not to be mounted in bath-rooms owing to the danger from the numerous grounded pipes. At present, this regulation

Card 1/3

Safety Conditions in Portable Electric Equipment

SOV/105-58-9-11/34

is no longer followed so strictly because of the use of shavers, washing machines, etc. Separating transformers (but no autotransformers) should be used for separating the consumer's circuit from the distribution network. However, these transformers are not available. For industrial equipment, wider use should be made of a 36 Volts/220 Cycles system. With portable equipment and testing facilities of colleges and universities, floors should be made of insulating material, grounding of equipment (except industrial installations) should be prohibited, and equipment should be kept apart from components connected to ground. The author asks for revision of a number of Soviet standards concerning portable equipment, as well as for the manufacture of sockets and plugs of special design, a provided with ground contacts, and for the production of separating transformers. There are 3 references, 0 of which is Soviet.

ASSOCIATION: Tsentroelektromontazh (All-Union Trust for the Electrification of Industrial Establishments in the Central Regions of the USSR)

Card 2/3

SOV/94-58-10-16/20

AUTHOR: Nayfeld, M.R.

TITLE: Multiple Earthing of the Neutral Inside Buildings.
(O povtorykh zazemleniyakh nulevogo provoda vnutri pomeshcheniy)

PERIODICAL: Promyshlennaya Energetika 1958, Nr 10, pp 37 (USSR)

ABSTRACT: This is a reply to a question from A. Shalimov of Leningrad, who enquires about the rules concerning multiple earthing of the neutral wire in buildings, can the neutral core of a four-core cable be used for earthing. The answer is that the neutral wire can be so used without multiple earthing at each piece of equipment.

Card 1/1

NAYFEL'D, M.R.

Connection of secondary windings of step-down transformers for
local lighting. Prom. energ. 13 no.5:39 Ky '58. (MIRA 11:8)
(Electric transformers)

Майфелд, М. Р.

AUTHOR: Mayfel'd, M. R.

94-4-20/25

TITLE: Grounding Arrangements for Terminal Boxes of Cables and for Equipment Installed on Earthed Constructions (Ob ustroyatve zazemleniy kontsevykh zadelok kabeley i oborudovaniya, ustanovlennogo na zazemlennykh konstruktsiyakh)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13, no.4, p. 37 (USSR).

ABSTRACT: This note is in reply to K.M. Agrinskiy of the town of Mezhdurechensk of the Kemerova region, who says that the local mining inspectorate has insisted on cable sheathing being grounded with copper wire of not less than 25 mm² cross-section and on multiple grounding of equipment mounted on grounded frames; he asks whether this is right. The reply states that there is no point in making the conductivity of the earth connection greater than that of the cable sheath, and that the inspectorate is also wrong on the other point.

AVAILABLE: Library of Congress
Card 1/1

PHASE I BOOK EXPLOITATION

SOV/4537

Nayfel'd, Mark Romanovich

Zashchitnyye zasemleniya v elektrotekhnicheskikh ustanovkakh (Protective Grounding in Electrical Installations) 2nd ed., rev. Moscow, Gosenergoizdat, 1959. 214 p. Errata slip inserted. 11,500 copies printed.

Ed.: Yu. P. Ustinov; Tech. Ed.: G. Ye. Larionov.

PURPOSE: This book is intended for technical personnel and those trained on the job and engaged in designing, mounting, or operating electrical installations.

COVERAGE: The book examines the basic physical concepts connected with contacts to ground in various network systems in relation to the safety of persons working at electrical installations. Information is given on the arrangement, operation, and testing of grounding systems. Various measures of accident prevention during contacts to ground are also reviewed. The book is based on "Rules for the Arrangement of Electrical Installations", now in force in the USSR.

Card 1/6

15(4)

SOV/91-59-3-19/22

AUTHOR: Nayfel'd, M.R.

TITLE: The Removal of Static Electricity from Belt Drives
(Otvod staticheskogo elektrichestva s remennykh
peredach)

PERIODICAL: Energetik, 1959, Nr 3, p 38 (USSR)

ABSTRACT: This is an answer to Mr. I.G. Volokhin, living in Osipenko, who asked how should the static electricity be removed from belt drives in the flour mills. In reply, the author recommends the grounding of all immovable metal parts of the transmission and to paste the belts with a composition having a good conductivity. For various compositions, he refers the reader to the Statischeckoye elektrichestvo v promyshlennosti (Static Electricity in Industry), by N.G. Drozdov, published by Gosenergoizdat, 1949. He also cites some of them. There is 1 Soviet reference.

Card 1/1

SOV/91-59-6-32/33

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AUTHOR: Nayfeld, M.R.

TITLE: Reclosing Groundings of O-Wire

PERIODICAL: Energetik, 1959, Nr 6, p 39 (USSR)

ABSTRACT: This is the reply to a question asked by Z.B. Il'yin, from Chernigov, on whether it is necessary to make iterative groundings of O-wire of a lighting aerial line when tapped circuits are 150-200 m long. The answer is in the affirmative, especially so for instances when the tapped circuits are over 200 m long, which is explained by safety considerations. There is 1 circuit diagram.

Card 1/1

8(O)

SOV/01 59-9-30/33

AUTHOR:

Nayfel'd, M.R.

TITLE:

The Grounding of Equipment Installed on Grounded Metal Structures

PERIODICAL:

Energetik, 1959, Nr 9, p 38 (USSR)

ABSTRACT:

Answering an inquiry of "L. Masarskiy (Dnepropetrovsk) the author states that electrical equipment (motors) mounted on grounded metal structures need not be grounded separately if an adequate contact is provided between the motor and the metal structure.

Card 1/1

HAYFEL'D, M.R.

Zero conductor in four-conductor cable networks. Prom.energ. 14 no.2:52
F '59.

(Electric cables)

(MIRA 12:3)

MAYTEL'D, M.R.

Using the lead coating of the cable and a separate steel band
in lieu of the fourth (zero) conductor. Energetik 8 no.1:
36-37 Ja '60. (MIRA 13:5)
(Electric cables)

HAIFEL'D, M.R.

Using cable armor as the neutral wire. Energetik 8 no.4:37 Ap
'60. (MIRA 13:8)

(Electric cables)

NAYFEL'D, M.R.

Wiring grounding circuits. Energetik 8 no.5:38 Ky '60.
(MIRA 13:8)

(Electric currents--Grounding)
(Electric welding)

MAYFELD, M.R.

Grounding of electric cables mounted on dredges. Energetik
8 no.9:39 S '60. (MIRA 14:9)
(Electric cables)
(Electric currents--Grounding)

NAVYEL'D, M.R.

Use of three-strand cables on 220 and 380 volt networks with a
common line. Energetik 8 no.11:38 M '60. (MIRA 13:12)
(Electric cables)

RAKOVICH, I.I.; VENETSIANOV, Ye.A.; MAYFEL'D, M.R.; MOVSESOV, N.S.;
BOL'SHAM, Ya.M.

Problem concerning the use of cable fittings and wires with aluminum strands in class V-Ia areas with explosion hazard conditions. Prom. energ. 15 no.8:38-44 Ag '60. (MIRA 15:1)

1. Gosudarstvennyy institut azotnoy promyshlennosti (for Rakovich).
2. Vsesoyuznyy trest po elektrifikatsii promyshlennykh predpriyatiy tsentral'nykh rayonov SSSR (for Venetsianov, Mayfel'd).
3. Glavnoye upravleniye po proizvodstvu elektromontazhnykh rabot Ministroya RSFSR (for Mozaesov). 4. Gosudarstvennyy proyektnyy institut tyazheloy elektricheskoy promyshlennosti (for Bol'sham).

(Electric wiring--Safety measures)

KHMELEVSKIY, V.S.; KAYFEL'D, M.R.

About the term "equipment grounding." *Prora. energ.* 15 no.9:37-39
S '60. (MIRA 13:10)

1. Novosibirskoye otdeleniye Gosudarstvennogo proyektного instituta
"Elektroproyekt" (for Khmelevskiy). 2. Treat "TSentroelektromontazh"
(for Kayfel'd).

(Electric engineering--Terminology)

MAYFELD, M.R.

Calculation of outlying grounding installations. Avt.dor. 23
no.1:38 Ja '60. (MIRA 13:5)
(Electric currents--Grounding)

NAIFEL'D, M.R.

Concerning the grounding of entrance lines into buildings.
Energetik 9 no.1:36 Ja '61. (MIRA 16:7)

(Electric wiring)

HAYFELD, H.R.

Electric wiring in laboratories and shops. Energetik 9 no.1:38
Ja '61. (MIRA 16:7)

(Electric wiring)

KAYFEL'D, M.R.

Grounding and equipment ground in networks carrying voltages up
to 1000 volts. Energetik 9 no.6:32-33 Je '61. (MIRA 16:7)

(Electric currents—Grounding)
(Electric networks)

NAYFEL'D, M.R.

Equipment ground and system neutral ground in electric networks
carrying voltages up to 1000 volts. Energetik 9 no.12:31 D
'61. (MIRA 15:1)

(Electric currents--Grounding) (Electric networks)

NAYFEL'D, M.R.

Grounding of equipment installed on lightning arresting structures.
Prom. energ. 16 no.2:53 F '61. (MIRA 14:3)
(Lightning protection)
(Electric currents—Grounding)

NAYFEL'D, M.R.

Concerning the magnitude of the grounding resistance of the
neutral line of electric transformers with ratings up to 100
kw. Prom. energ. 16 no.4:51 Ap '61. (MIRA 14:9)
(Electric transformers)
(Electric currents—Grounding)

NAYFIELD, M.R.

Possibility of combining the grounding of communication systems
and power systems. Prom.energ. 16 no.10:53 0 '61. (MIRA 14:10)
(Electric currents--Grounding)

VORONISOV, Fedor Fedorovich; NAYFEL'D, M.R., retsenzent;
BRANDENBURGSKAYA, É.Ya., red.; YEMZHIN, V.V., tekhn. red.

[Selection of wire and cable sizes for electrical wiring
operations] Vybór sechenii provodov i kabelei dlia elektro-
provodok. Izd. 4., perer. Moskva, Gosenergoizdat, 1962. 95 p.
(MIRA 15:11)

(Electric wiring)

NAYFEL'D, M.R.

Concerning the grounding of electrical equipment installed on
grounded structures. Energetik 10 no.4:34 Ap '62. (MIRA 15:4)
(Electric power distribution--Safety regulations)

NAYFELD, M.R., inzh.

Insulation of the zero wire. Energetik 10 no.7:33-34 J1 '62.
(MIRA 15:7)
(Electric insulators and insulation)

KAYFEL'D, M.R.

Separate installation of the common neutral line and the use of armoring or lead sheathing of a cable in the capacity of a common neutral wire. Energetik 10 no.12:28 D. '62.

(MIRA 16:1)

(Electric lines)

(Electric power distribution)

WATKINS, M.R.

Use of isolation transformers for electric power supply to
apparatus. Prom.energ. 17 no.1:31-32 Ja '62. (MIR 14:12)
(Electric power supply to apparatus)
(Transformers)

ZHIVOV, M.S., inzh.; NAYFEL'D, M.R., inzh.

Problems concerning electrical wiring operations in dwellings and
public buildings. Prom. energ. 17 no.3:42-47 Mr '62.
(MIRA 15:2)

(Electric wiring, Interior)

NAIFEL'D, M.R.

"Problems of safety in electrical systems" by V.Z. Manoilov.
Reviewed by M.R. Naifel'd. Proc. energ. 17 no.6:52 Je '62.
(MIRA 17:6)

NAYFEL'D, M.R., inzh.

Pressing problems in fight against injuries in electrical systems.
Prom. energ. 17 no.12:1-3 D '62. (MIRA 17:4)

ANASTASIYEV, P.I.; BROSTREN, A.A.; VESHENEVSKIY, S.F.; GEL'MAN, G.A.;
GORNISHTEYN, L.A.; ZIMENKOV, M.G.; KARVOVSKIY, G.A.;
KIBLITSKIY, V.A.; KLEYN, P.H.; KLIMIKSEYEV, V.M.; KLYUYEV,
S.A.; KNORRING, G.M.; KORENEVSKIY, A.N.; LEYBZON, Ya.I.;
LIVSHITS, D.S.; LIGERMAN, I.I.; LOGINOV, O.I.; MILICH, M.B.;
NAYFEL'D, M.R.; OKOROKOV, S.P.; POLYAK, A.B.; ROYZEN, S.S.;
RYABOV, M.S.; SINITSYN, O.A.; SOLODUKHO, Ya.Yu.; SOSKIN, E.A.;
STASYUK, V.N.; BOL'SHAM, Ya.M., red.; GRACHEV, V.A., red.;
SAMOVER, M.L., red.; BORICHEV, I. Ye., red.; DANILENKO, A.I.,
red.; KHRAMUSHIN, A.M., red.; YAKUBOVSKIY, F.B., red.;
ERENDENBURGSKAYA, E.Ya., red.; KOMAR, M.A., red.; BORUNOV,
N.I., tekhn. red.

[Handbook on electrical systems of industrial enterprises
in four volumes] Spravochnik po elektroustanovkam promyshlennyykh
predpriyatiy v chetyrekh tomakh. Pod obshchei red. I.Ye.
Boricheva i dr. Moskva, Gosenergoizdat. Vol. 1. [Design of
electrical systems of industrial enterprises in two parts]
Proektirovaniye elektroustanovok promyshlennyykh predpriyatiy
v dvukh chastiakh. Pt.2. Pod red. I.A.M. Bol'shama i dr.
1963. 598 p. (MIRA 17:3)

NAYFEL'D, M.R. (Moskva)

Assurance of electrical safety in the use of electrical household appliances and apparatus. Elektrichestvo no.5:74-75
My '63. (MIRA 16:7)

(Household appliances, Electric--Safety regulations)

MAYFEL'D, M.R.

Protection of electric entrances in buildings. Energetik 11
no.9:26 S '63. (MIRA 16:10)

DELIBASH, B.A., insh.; ZHIVOV, M.S., insh.; NAIFEL'D, M.R., insh.

Experience in the installation of electrical equipment in large
cupola furnaces. Prom. energ. 18 no.3:34-40 Apr '63. -
(MIRA 16:6)

(Cupola furnaces—Electric equipment)

NAYFEL'D, M.R.

Grounding in networks with grounded neutral lines. Prom. energ.
18 no.6:60 Je '63. (MIRA 16:7)

(Electric currents--Grounding)
(Electric power distribution)

MAYFEL'D, M.R., inzh.

Isolating and step-down transformers in networks with
voltages up to 1000 volts. Prom. energ. 18 no.12:43-45
D '63. (MIRA 17:1)

NAYFEL'D, M.R.

Consequences of a break in the common neutral line. From. energ.
19 no.1:60-61 Ja '64. (MIRA 17:2)

KAMINSKIY, Yevgeniy Abramovich; NAYFEL'D, M.H., retsenzent;
ZHIVOV, M.S., retsenzent; ~~CHURITOVSKAYA~~, I.P., red.

[Electric wiring of dwellings and how to take care of
it] Kvantirnaia elektroprovodka i kak s nei obrashchat'sia.
Izd.2., perer. i dop. Moskva, Izd-vo "Energia," 1964.
142 p. (MIRA 17:7)

NAYFEL'D, M.R.

Required short-circuit to frame current in systems carrying
voltages up to 1000 volts with grounded neutral lines. Energetik
12 no.4:25-26 Ap '64. (MIRA 17:7)

NAYFEL'D, M.R.

Concerning VIA. Gannel's article "Power supply of control
networks in systems with grounded neutral." Prom.energ. 19
no. 2:57 F '64. (MIRA 17:5)

NAYPEL'D, M.R., inst.

Concerning V.P. Primorov's article 'Use of the framework
of a hydroelectric power station as a grounding system.'
Reviewed by M.F. Naifal'a. Elek. sta. 35 no.3189 M: '64.
(MIRA 17:6)

BOGDANOV, K.D.; DELIBASH, B.A.; VENETSIANOV, Ye.A.; GUREYEV, V.A.;
ZHIVOV, M.S.; ZEVAKIN, A.I.; NAYFEL'D, M.R.; NEYMAN, Kh.G.;
KUZNETSOV, M.P.; RIZOVATOV, K.V.; RUBINSKIY, Ya.A.;
TRIFONOV, A.N.; TRUNKOVSKIY, L.Ye.; KHROMCHENO, G.Ye.

[Organization and performance of electrical equipment installation operations] Organizatsiia i proizvodstvo elektromontazhnykh rabot. Moskva, Stroizdat, 1964. 602 p.
(MIRA 18:3)

HAYFEL'E, M.R.

Use of neutralizers. Prom. energ. 19 no.8:57 Ag '64.

(MIRA 17:11)

NAYFEL'D, M.R.

In the Safety Engineering Section of the Central Administration of the
Scientific and Technical Society of the Power Industry. Prom. order. 19
no.11:51 N '64. (MIR:18:1)

NAYFEL'D, Mark Romanovich; LOBYSEVA, I.I., red.

[Groundings and safety measures] Zazemleniia i bezopas-
nye mery bezopasnosti. Izd.3., perer. Moskva, Energiia,
1965. 287 p. (MIRA 1965)

L 22578-66

ACC NR: AP6012975

SOURCE CODE: UR/0094/65/000/009/0043/0043

AUTHOR: Bol'sham, Ya. M.; Vinogradov, A. A.; Volobrinskiy, S. D.; Gaylor, L. B.;
Grudinskiy, P. G.; Dolginov, A. I.; Zil'berman, R. I.; Kazak, N. A.; Kletenik, B. I.;
Knyazevskiy, B. A.; Livshits, D. S.; Mel'nikov, N. A.; Minin, G. P.; Mukoseyev,
Yu. L.; Nayfel'd, M. R.; Petrov, I. I.; Ravin, V. I.; Samover, M. I.; Serbinovskiy,
G. V.; Syromyatnikov, I. A.

ORG: none

TITLE: Lev Veniaminovich Litvak (on the occasion of his 60th birthday)

SOURCE: Promyshlennaya energetika, no. 9, 1965, 43

TOPIC TAGS: electric engineering personnel, electric power engineering

ABSTRACT: The noted specialist of industrial power production, Candidate of Technical Sciences, Docent of the Correspondence Power Institute Lev Veniaminovich LITVAK began his engineering activity at the Moscow Association of State Electric Stations in 1929. Later he became one of the coauthors of all the "Directives for the increase of the power factor" issued in 1954, 1955, and 1961. He published 70 scientific papers. For his successful activities in defense industries during World War II he was decorated by "Znak Pocheta." After the war he concentrated on scientific-pedagogical work and in recent years worked actively in

Card 1/2

L 22578-66

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the Teaching-Methodological Commission of the Ministry of Higher and Intermediate Special Education USSR, for the specialty "Electrical supply to industrial enterprises and cities." Orig. art. has: 1 figure. [JPRS] 0

SUB CODE: 05, 10, 09 / SUBM DATE: none

Card

2/2

BK

NAYFEL'D, M.R.

Protective groundings during the conversion of a 500 volt supply
system to 380/220 volts. Energetik 13 no.1:39 Ja '65. (MIRA 18:3)

NAYFEL'D, M.R., inzh. (Moskva)

Dependence of the grounding resistance on the dimensions of the
grounding device. Elektrichestvo no.4:89-90 Ap '65.

(MIRA 18:5)

NAYFELD, M.R.

Installation of fuses. Energetik. 13 no.2:28 F '65.

(MIRA 18:6)

NAYFEL'D, M.R.

Use of stepping-u, coefficients in measuring the resistance of grounding
devices. Energetik 13 no.3:40-41 Kr '65. (MIRA 18:7)

NAYFEL'D, M.R.

Connection of common neutral wires of different transformer substations. Energetik 13 no.5:40 My '65. (MIRA 18:8)

1. Glavnyy tekhnolog Tresta po proizvodstvu elektromontaznykh rabot v rayonakh Tsentra.

NAYFELD, M.R.

Protective and operational grounding. Energetik. 13 no.9:97
S '65. (MIRA 18:9)

1. Glavnyy tekhnolog Tresta po proizvodstvu elektromontazhnykh
rabot v rayonakh Tsentra.

NAYFELD, M.R.

(Calculation of electrical grounding systems and protection of power
tools. Power energ. 20 no. 2:59-60 Ag '65.

(MIRA 28:8)

NAYFEL'D, M.R.

Consultations. From. energ. 20 no.9:42 8 '65. (MIRA 18:9)

NAYFEI'D, M.R., kand. tekhn. nauk

Resistance value of a grounding device and equalization of potentials
in systems with ratings in excess of 110 kv. Prom. energ. 20 no.10:40-
41 0 '65. (MIRA 18:10)

NAYTEL'D, M.R.

Equalization of potentials in electric substations. Prom.
energ. 20 no.11:62 N '65.

(MIRA 18:11)

LIVSHITS, D.S.; GANNEL', V.Ya.; MAYFEL'D, M.R.; ZEYLIDZON, Ye.D.

Power supply of control networks in systems with grounded neutral line. Prom. energ. 20 no.9:12-18 S '65. (MIRA 18:9)

1. Gosudarstvennyy institut po proyektirovaniyu elektrooborudovaniya dlya tyazheloy promyshlennosti (for Livshits). 2. Proyektno-konstruktor-skiy inatitut Pishchepromavtomatika (for Gannel'). 3. Moskovskoye eksperimental'noye otdeleniye Gosudarstvennogo proyektного instituta tyazheloy elektricheskoy promyshlennosti (for Mayfel'd). 4. Gosudarstvennyy proyektnyy institut po energetike i elektrifikatsii SSSR (for Zeylidzon).

BOL'SHAM, Ya.M.; VINOGRADOV, A.A.; VOLOBRINSKIY, S.D.; GEYLER, L.B.; GRUDINSKIY,
P.G.; DOLGINOV, A.I.; ZIL'BERMAN, R.I.; KAZAK, N.A.; KLETENIK, B.I.;
KNYAZEVSKIY, B.A.; LIVSHITS, D.S.; MEL'NIKOV, N.A.; MININ, G.P.;
MUKOSEYEV, Yu.L.; NAYFEL'D, M.R.; PETROV, I.I.; RAVIN, V.I.; SAMOVER,
M.L.; SERBINOVSKIY, G.V.; SYROMIATNIKOV, I.A.

Lev Veniaminovich, 1905; on his 60th birthday. Prom. energ. 20
no.9:43 S '65. (MIRA 18:9)

NAYFEL'D, M.R., kand.tekhn.nauk

Grounding devices of electric substations. Elek. sta. 36 no.10:85
0 '65. (MIRA 18:10)

NAYFEL'D, M.R., inzh.

Grounding of wall outlets. Energetik 14, no.1:43 Ja '66.
(MIRA 19:1)

KAYFEL' DE, I.A.

Birds of southern Karelia. Trudy zool. inst. 25:183-254 '58.

(MIRA 11:8)

(Karelia--Birds)

KAMINSKIY, M.Ye.; NAYERMAN, M.S.; PETROSYAN, L.K.; POPOV, S.A.,
kand. tekhn. nauk; KHRUL'KOV, V.A., kand.tekhn.nauk, retsen-
zent

[Efficient use of diamond tools] Ratsional'naiia eksplia-
tatsiia almaznogo instrumenta. [By] M.E.Kaminskii i dr.
Moskva, Mashinostroenie, 1965. 238 p. (MIRA 18:6)

NAYFLEYSH, V.Kh., starshiy master

Network for synchronizing the operation of flat controllers.
Energetik 11 no.7:12-13 J1 '63. (MIRA 16:8)

(Boilers) (Electric controllers)

NAYFONOV, T.B.; POL'KIN, S.I.; SHAFEYEV, R.Sh.

State of a double electric layer of tantalite and certain accompanying minerals during flotation. Izv. vys. ucheb. zav.; tsvet. met. 6 no.3:40-46 '63. (MIRA 16:9)

1. Moskovskiy institut stali i splavov, kafedra obogashcheniya rud redkikh metallov.

(Tantalite—Electric properties)
(Flotation)

POL'KIN, S.I. (Moskva); MAYFONOV, T.B. (Moskva); SHAFEYEV, R.Sh. (Moskva)

Studying the electrochemical properties of tantalite surface
during its interaction with certain flotation reagents. Izv.
AN SSSR. Otd. tekhn. nauk. Met. i gor. delo no.2:169-172 Mr-Ap '63.
(MIRA 16:10)

NAYFONOV, T.B.; POL'KIN, S.I.

Mechanism of the interaction of oleic acid with tantalite and
certain accompanying minerals. Izv. vys. ucheb. zav. (tavet.
met. 8 no. 3, 23-30 1965. (MIRA 18:9)

1. Moskovskiy institut stali i splavov, kafedra obogasheniya
rud redkikh metallov.

NAYFONOV, T.B.; POL'KIN, S.I.

Electrochemical nature of oleic acid adsorption on tantalite.
Izv. vys. ucheb. zav.; tsvet. met. 8 no.4:45-47 '65.
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1. Kafedra obogashcheniya rud redkikh metallov Moskovskogo
instituta stali i splavov.

POLKIN, S. I.; NAYFONOV, T. V.

"About the mechanism of action of collectors and modifiers in flotation of silicate and oxide minerals."

report submitted for 7th Intl Mineral Processing Cong, New York, 20-25 Sep 64.

NAYGAS, P.E. [Naihas, P.E.]

Dressing of local raw materials for the manufacture of fine
ceramics. Ich. prom. no.4:63-65 C-D '65.

(MIRA 19:1)

MAYGAZE, M.

We increased the productivity of screen sising and saved more silk sieves. Muk.-elev.prom. 20 no.4:22-24 Ap '54. (MLRA 7:7)

1. Frunzenskaya mel'nitsa No. 11.
(Grain milling machinery)

NGWY-A-11, 11

MAYGAUZ, A., inzh.

Increasing the productivity of sieves in the first four break systems.
Muk.-elev.prom.24 no.2:29-30 F '58. (MIRA 11:4)

1. Frunzenskiy mel'nichnyy kombinat.
(Grain-milling machinery) (Sieves)

NAYGAUZ, A.

Efficiency improvements at the Frunze Milling Combine. Muk.-elev.
prom. 29 no.6:19-21 Je '63. (MIRA 16:7)

1. Glavnyy inzh. Frunzenskogo mel'nichnogo kombinata.
(Frunze---Flour mills)

HAYGAUZ, H.I.

The LK250 automatic machine for molding the thermoplastics. Biul.tekh.-
skon.inform.no.2:21-23 '59. (MIRA 12:3)
(Plastics--Molding)

~~NATGEBORN, A.~~

Change the basis for planning production and remuneration of
handicapped home workers. Prom. koop. 12 no.10:27 0 '58.
(MIRA 11:10)

1. Nachal'nik planovogo otdela Moschlpromsoyusa.
(Moscow Province--Vocational rehabilitation)

L 40044-00 I/ENP(t)/ETI LJP(e) DS/JU/JG/WB

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SOURCE CODE: HU/2502/65/044/003/0253/0266

AUTHOR: Kiss, Andras--Kish, A.; Neugebauer, Jeno--Naygebauer, Y.

45
B+

ORG: [Kiss] Research Institute of the Telecommunication Industry, Budapest;
[Neugebauer] United Incandescent Lamp Factory and Electric Works, Budapest

TITLE: Reactions of tungsten, molybdenum and their oxides in the potassium hexachloroferrate(III)-alkali-water system II. studies of the electrode potential of tungsten

SOURCE: Acta chimica academiae scientiarum Hungaricae, v. 44, no. 3, 1965, 253-266

TOPIC TAGS: tungsten, tungsten compound, molybdenum compound, molybdenum, cyanogen compound, electrode potential

ABSTRACT: The changes in the electrode potential of tungsten²¹ at various concentrations of potassium hexacyanoferrate(III) and with different types of alkali were investigated. The aim was to find the conditions under which the dissolution process leads to the formation of a crystalline structure suitable for microscopic investigations. It was found that the electrode potential of tungsten shows sudden changes at certain points of the dissolution process. A rapid decline in the redox potential was found to be the principal process which determined the potential and which was responsible for the sudden changes at the same time. By correlating the characteristic values of electrode potentials with the surface changes which took place during the dissolution process it could be shown that, at mole ratios of potassium hexacyanoferrate(III) to potassium hydroxide of over 2.25, the surface of tungsten becomes polished while, at lower ratios, an etching effect is evident which makes the crystal structure more pronounced. Orig. art. has: 9 figures, [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07, 11 / SUBM DATE: 06Mar64 / ORIG REF: 001

Card 1/1

STAL'NENKO, Ye.S., kand.med.nauk; BABKO, I.M., kand.med.nauk; NAIGERTSIK, I.Ye.
[Kaihercyyk, I.IE.]

Effect of ionite milk on the functional capacity of the stomach in
children with simple dyspepsia. Ped., aksuh. i gin. 19 no.5:28-31
'57. (MIRA 13:1)

1. Peditricheskoye otdeleniye (rukovoditel' - kand.med.nauk O.S.
Mishchenko) fiziologicheskaya laboratoriya (zav. - kand.med.nauk
Ye.S. Stal'nenko) i biokhimicheskaya laboratoriya (zav. - kand. fiziol.
nauk Z.Ye. Babich) Ukrainskogo nauchno-issledovatel'skogo instituta
okhrany materinstva i detstva im. Geroya Sovetskogo Soyusa prof. P.M.
Buyko (dir. - zasl. vrach USSR M.D. Burva).
(MILK) (STOMACH)

NAYGOVZIN, YE.

~~NAYGOVZIN, Ye.~~

Textbook for model airplane builder groups. Kryl. red. 8 no.5:31 Ky '57.
(MIRA 10:6)

1. Direktor Tsentral'noy stantsii yunykh tekhnikov ineni Svernika.
(Airplanes--Models) (Babaev, N.)

НАЙГОВЗИН, Ye.
NAYGOVZIN, Ye.

Creative activity. IUn.tekh.no.12:3-6 D '57. (MIRA 10:12)

1. Direktor Tsentral'noy stantsii yunykh tekhnikov.
(Technical education)

NAYGOVZIN, Ye.; TIMONIN, Z.

There are not trifles. Sov. torg. 35 no.9:16-39 S '62. (MIRA 16:2)
(Clerks (Retail trade))

MAYGUZ, M.I.; BASIN, M.H.

New types of automatic control of hydraulic presses. Куз.-штам.
произв. 1 no.3:28-32 Мг '59. (MIRA 12:10)
(Power presses) (Automatic control)

KAYGUZ, H.I.; BERUL', G.M.

Speed regulator with disconnecting valves for the hydraulic
systems of fast-acting presses. Kuz.-shtam. proizv. l no.9:23-25
S '59. (MIRA 12:12)

(Hydraulic presses) (Forging machinery)

MARGUZ, H.I.

Briquetting presses. Biul.tekh.-ekon.inform. no.11:18-21 '59.
(MIRA 13:4)

(Briquets)

S/193/60/000/011/006/022
A004/A001

AUTHORS: Berul', G. M., Nayguz, N. I.

TITLE: The П040 (P040) Hydraulic Press for the Reduction of Pipe Ends
Prior to Drawing ¹⁴

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 11,
pp. 13-14

TEXT: The Odesskiy zavod pressov (Odessa Press Plant) has designed and manufactured the model P040 hydraulic press, devised for the reduction (tapering) of pipe ends of ferrous and nonferrous metals prior to drawing. The pipe ends can be reduced in a cold or hot state. The maximum outer diameter of the pipes being reduced is 408 mm, the minimum diameter is 80 mm. The new press makes it possible to cut down the length of the pipe end being reduced considerably. The press is composed of a ring-shaped cast steel bed. 8 piston-type cylinders are fitted radially to the inner diameter of the machine bed. The cylinder position on the bed is fixed by pins. Brace wedges are placed between the cylinders. These wedges and two steel face plates combine the bed and cylinders in one rigid structure which forms an inner ring similar to the outer one. A uniform displace-

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3/193/60/000/011/006/022
A004/A001

The ПQ40 (PQ40) Hydraulic Press for the Reduction of Pipe Ends Prior to Drawing

ment of all pistons, independent from the resistivity of the pipe being reduced, is ensured by a hydraulic servo slide valve. Interchangeable tool segments are fastened to the plungers, the positions of the tool segments being fixed by special spring catches. The working surface of the tools is step-shaped in order to avoid the pipe being pushed from the working zone during the pressing operations. A number of interlocks are provided in the electric circuit of the press which exclude the possibility of the breakage of individual units if the press is not operated in the right way. The press is remote-controlled in the electro-magnetic way by push-buttons on the central control panel. The operation cycle of the press is automated or adjustable. For automatic operation the design office of the Plant has developed a blank loading and unloading conveyer which can be connected to the central control panel and electric panel without any alterations of the latter. The eccentricity and ellipticity of the reduced pipe end relative to the non-reduced one does not exceed 5 - ~~6~~. The authors present the following additional technical data: pressing stress - 200 tons; output - 40 pieces/hour; piston stroke of the radial cylinders - 65 mm; speed of piston working stroke - 1.5 mm/sec; speed of piston back stroke - 2 mm/sec, working

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S/193/60/000/011/006/022
A004/A001

The П040 (P040) Hydraulic Press for the Reduction of Pipe Ends Prior to Drawing

pressure - 200 kg/cm²; capacity of main НПМ100 (NPM100) pump - 100 liter/min; capacity of Н400 (N400) control pump - 5 liter/min; total power of pressing installation - 40 kw; height of press axis over floor level - 1,050 mm, overall dimensions: full height - 3,800 mm; height over floor level - 2,925 mm, width - 3,000 mm; length - 3,850 mm; weight - 50 tons. 600,000 rubles were saved after introduction of the new press, while the labor productivity increased by 30 times. There is 1 figure. ✓

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S/193/60/000/012/004/018
A004/A001

AUTHOR: Nayguz, N. I.

TITLE: The П-940 (P-940) Shaping Press

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 12, pp.15-18

TEXT: The P-940 shaping Press has been developed and produced by the Odesskiy zavod pressov (Odessa Press Plant) and is intended for the preliminary shaping of large-diameter tires and inserting the tube into the shaped crude tire. The air-hydraulic shaping press is of the vertical type and actuated by an individual hydraulic drive, delivered with the press, by compressed air of 5 - 6 at from the plant pneumatic system. The press (see illustration) is of the four-column low-pressure type, the upper and lower cross beams being of welded construction. The press is equipped with auxiliary air cylinder 1, tube receiving cylinder 2, pusher 3 and traveling table 4 with pneumatic drive by a system of pulley blocks. The lifting and pressing of the tire is effected with a force of 65 kg/cm². The tube receiving cylinder is mounted and fastened on the upper stationary cross beam. Cylinders 1 and 2 are intended for preparing the tube and pushing it into the tire, and for the supply of compressed air to the tire and tube. The press is

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S/193/60/000/012/004/018
A004/A001

The П-940 (P-940) Shaping Press

pushbutton-controlled from the central control panel. In the initial position of the cycle, table 4 is located out of the press, the traveling cross beam and hook are in the most extreme lower position while the pusher rod is removed from the pressing zone. After the tire blank has been put on the table the latter is traveling into the press. The pressing operation being finished and the tire having obtained the required dimensions, all air valves are disconnected, the flow valve is operated and the table is lowered to the support. The following technical specifications of the P-940 shaping press are given: rated pressing force - 250 tons; power of hydraulic cylinder - 80 tons; rated power of the auxiliary cylinder - 6 tons; rated power of the traveling table cylinder and pusher cylinder - 1.2 tons; pressure of the pressure fluid produced by the pump - 65 kg/cm²; counter-pressure of pressure fluid - 200 kg/cm²; stroke of plunger of hydraulic cylinder - 1,650 mm; maximum stroke of plunger of hydraulic cylinder - 1,900 mm; piston stroke of auxiliary cylinder - 3,250 mm; table travel - 3,200 mm; stroke of pusher - 1,850 mm; lifting speed of cross beam - 18.5 mm/sec; distance between the surfaces of the lower and upper cross beams - 3,300 mm; table diameter - 1,800 mm; hydraulic drive of the press: make of wing pump - П12-16/Л5К200 (G12-16/L5K200); capacity - 200 liters/minute; pressure - 65 kg/

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