









APPROVED FOR RELEASE: Thursday, September 26, 202 CIA-RDP86-00513R000515620010-1" GOL'DENBERG, I.L., inzh, ISAKOVSKIY, I.G., ekonomist; BEREZIN, B.F., inzh.; STOTIK, V.S. inzh., VOFOB'YEVA, L.V., tekhn.red. [Economic efficiency of capital investments and new machinery in transportation construction] Ekonomicheskaia effektivnost! kapital'nykh vlozhenii i novoi tekhniki v transprotnom stroitel'stve. Moskva, Vsew. izdatel'skc-poligr. ob"edinenie M.-ea putei scobshcheniia, 1962. 233 p. (Bubushkin, Vsesoiuznyi nauchnc-issledovatel'wkii institut transportnogo stroitel'stva. Trudy, no.43'. (MIRA 16:2) (Transportation--Buildings and structures)

## APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

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VAYNSHTEYN, B.S., kand. ekon. nauk; LEYKINA, K.B.; MINTS, M.G.; LUCHIMERTY. C.M.; KIYEVSKIY, V.G., kand. ekon. nauk; VINER, SAN; BINIAURISHVILLERING, GUREVICH, M.C.; ZIKEYEV, B.V., kand. tekhn. nauk; RUBINOVGENEE; SARYCHEV, V.S., kand. tekhn. nauk; APARIN, I.L.; KRINITSKAYA, M.Ye.; DZIKCVSKIY, G.I.; ZELTCER, R.Ya.; GeL'DENBERG, I.L.; ISAKOVSKIY, I.G.; DENEDOVA, S.N., ingh., red. composition (MCMAGASCHERMAN).

> [Economic efficiency of capital investments and the introduction of new equipment in construction] Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i vnedreniia novoi tekhniki v stroitel'stve. Moskva, Stroitzdet, 1965. 235 p. (MIEA 18:8)

> Moscow. Nauchno-issledovatel'skiy institut ekonomiki stroitel'stva. 2. Rukovoditel' bektora ekonomicheskoy effektivnosti novoy tekhniki Nauchno-issledovatel'skogo instituta ekonomiki stroitel'stva, Moskva (for Kiyevskiy).
>  Sektor ekonomicheskoy effektivnosti novoy tekhniki Nauchno-issledovatel'skogo instituta ekonomiki stroitel'stva, Moskva (for all except Demidova).4. Nauchno-issledovatel'skiy institut ekonomiki stroitel'stva, Moskva (for Demidova).



APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

AFFROVED FOR RELEASE. Thursday, September 20, 2002 CIA-RDF80-00515R0005150200

BRZHOZOVSKIY, V.F., inzh., red.; ISAYEV, N.V., inzh., red.; GCL'DENBERG, I.S., inzh., red.; PEVZNER, A.S., red. izd-va; CHERKASSKAYA, F.T., tekhn. red.

> [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroitzdat. Pt.3. Sec.G. ch.9.[Process piping; regulations for manufacture and acceptance of work (SNiP III-G.9-62)] Tekhnologicheskie truboprovody; pravila proizvodstva i priemki rabot (SNiF III-G. 9-62). 1963. 24 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.)Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Brzhozovskiy). 3. Mezhduvedomstvennaya komissiya po peresmotru stroitel'nykh norm i pravil (for Isayev). 4. Proyektno-konstruktorskaya kontora Proyektniftespetsmontazh Ministerstva stroitel'stva MSFSR (for Gol'denberg). (Pipe) (Petroleum rafineries--Equipment and supplies) APPROVED FOR RELEASE: Thursday, September 26,202 CIA-RDP86-00513R000515620010-1\*
GOL'DENBERG, I.S.
Fluorescence method of examination in dermatology, Vesta derm.
i ven. 37 no.2354-56 F+63. (MIRA 16:10)
l. Iz kafedry kozlnykh i venericheskich & lemery Kuybyshevakego meditainskoro institute (sa. - prof. A.S.Zenin).

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GOL'DENBERG, L.S.

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G reactive protein test as an indication of the state of the organism in some skin diseases. Vest. derm. i ven. 38 no.4:27-31 Ap 104. (MIRA 18:4)

de kolpoka koznykh i venericheskikh belezney Keyiyskevakogo meditoisekogo on tituta.



"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

IVANOVA, M.G.; GOL'DENBERG, I.Ya.; LUKASHEV, I.I.; KARUT, T.A.; KANDYBA, C.G.; MIKHEY LICHENKO, P.H.; NAKHMANSON, G.L.

Studies on biological properties of Mycobacterium tuberculosia muris. Probl. tuberk., Moskva no. 3:22-28 May-June 1952. (CLMT, 22:4) .. ..

1. Of the Ukrainian Tuberculosis Institute (Director -- Prof. B. M. Khmel'nitskiy), Khar'kov.

APPROVED FOR RELEASE: Thursday, September 26, 2002 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

LUKASHOV, I.I., professor.;GOL<sup>1</sup> DENBERG, I.Ya., professor, [deceased].; IVANOVA, M.I., dotsent.;KARUT, T.A., dotsent.;MIKHAILICHENEO, P.M., vrach.; KANDYBA, S.G., vrach.

Studying sheep and swine for the pathogenic properties of a culture grown from tuberculosis bacilli isolated from field voles. Sbor. trud. Khar'. vet. inst. 22:248-251 '54. (MLRA 9:12)

l. Kafedra epizootologii Khar'kovskogo veterinarnogo instituta i
tuberkuleznyy otdel Khar'kovskogo instituta epidemiologii i mikrobiologii
imeni I. I. Mechnikova.
(Tuberculosis in animals)











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	$\frac{1}{2}$ , $\frac{1}$
1877 .02:	This is a distorical account of as expectition into the open of the inclusion damain a sounder the contant of Colonel F. F. Berg of the departal Jtold, in 1917-00, which this welcould the contant is a training of the Sight were obtained. These had a set to the set of the colongation, 10 and which the Contant and the set.
	AN SSSR (Multi-purpose Secondaria de destructo el tratectorio de la secondaria de la composición de











YANEFIN, A.L., akadenik, otv. red.; OCL'DENRERG, L.A., kand. ist. nauk, otv. red.; SLEVCINA, L.I., red.izd-vn; CHOKHET, b.S., red.izd-va; NOVICHKOVA, N.D., tekhn. red.; FASHINA, F.S., tekhn. red.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

[First Russian coinclific studies of the Usturt] Fervye rusokie nauchnye issledovanija Ustiurts, Moskva, Izd-vo AN SSSR, 1963. 325 p. (FIRA 16:11)

]. Akademiya nauk SSSR. Otdelendye geologo-geografielenkikh nauk SSSK.

(Ucturt-durplan exploration)





## APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

GEREBRARD, LEAR CARACTER, MARKER, A.V., COV. POG.

(Senar U. Clarvy, a Remeasy, diborian caltographer and generated in the local Bener Public Vick Hamesov, sibirali karlograf i geograf (1612-1720 gg.) Naskve, Natka, 1965, uff. j. (1818-1818)

1. Union Korrespondent AN Luch (for Yelimov).






























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CIA-RDP86-00513R000515620010-1 CIA-RDP86-00513R000515620010-1" 18

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Combating the formation of alkaline bubbles and discoloration of glass melt in tank furnaces. L. G. Gal'denberg. Stable i Keram. 6, No. 11, 11–147(1940) "BARberg Stable i Keram. 6, No. 11, 11–147(1940) "BARberg Stable i Keram. 6, No. 11, 11–147(1940) "BARberg Stable is solved the start of the start of a similar degree when solve charge is used with small admixes works indicate that by decreasing the sulfate and the reducing agent or by operating for a month without reducing agent, the SO<sub>3</sub> in the glass melt increased from 0.5-0.0% to 0.8–0.9%. In the absence of gall in the furnace, pulfate was increased to 10% in the glass melt increased from 0.5-0.0% SO<sub>4</sub>. Increase of sulfate to 20% and addin. of 0% C caused alk, built of disappear and SO<sub>3</sub> dropped to 0.4–0.5%. These data were obtained during the period prior to repairs when temp, was maintained at 1280–1300<sup>3</sup> and the atm. in the furnace was reducing because regenerator of the solutely after code repairs and replacement of regenerator nozzles while the min.  $(4.3)^{4}$  C) occurred in-

CA

mediately price to the repairs. Min. content (0.3-0.4%)of SO<sub>1</sub>, which corresponds to complete reduction of subfate, was attained after nozales were replaced or 2-30 days after cold repairs. The periods of mun. coatent of SO<sub>1</sub> almost always corresponded to the snat. C content (14-15%) and, hence, to an ordifizing atm. in the furnace. These occurrences can be explained by the phenomenon of more complete reduction of the sufface is an ordifizing atm. When "gas" descoloration of the next covers frequently, the adda, of solid reducing agent is decreased. As a result, particles of sufface in the charge zer more reduced but are dissolved in the unlet, increasing the SO<sub>2</sub> content to the limit of solv. of the NaSO<sub>4</sub> (130% SO<sub>3</sub>) and the sufface zero. From the supersatil, sufface is a coasiderable portion of the C is burned to CO<sub>3</sub> before it reacts with the sufface to this is easily complemented by an inreraw in the total C in the charge. In the absence of forced laft in the regenerators, the notalize borne of direct and the sufface spreas, the notalize borne educed but at the discovers, the notalize because of forced if all in the regenerators, the notalize because of forced and the sufface spreas, causing the metures to decrease the addn. of C. The gall these burnes coversed with foam and the gall disappears, causing the metures to decrease the solution. of C. The gall these burnes to appear in the retining zone, in the tenion of the 4th and 3th burners, "APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

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where the smoky flame comes into contact with the surface gall and reduces it to sulfides, which discolor the melt in accordance with NaSO<sub>4</sub> + NaSS = 2Na<sub>2</sub>O + SO<sub>4</sub> + S. To eliminate alk, bubbies and discoloration, the following measures are suggested: (a) melting of sofa and solasulfate charges should be conducted in a weakly oxiditing atm., (b) solid reducing agents should be added even when the sulfate content of the charge is a min., (c) the anti. of reducing agent added should be detd, not only from appearance of the glass melt but also on the basis of the SO<sub>4</sub> content in grane, and (d) forced fault should be installed in regreerators of all tank furnaces. V. V Poliyak, A. G. Repa, and I. D. Tykachinkifi. *Ibid*: 14-17.— The supersath, of the melt with undecompd, solfate may also be caused by the reforming of sulfate in low-temp, mores in the greeneet of S guase is the tank atm. Reduction of sulfate is facilitated not by the weakly oxiding atm. but by the accompanying effects. In the absence of means to control the companying medium in the furnace involves operation under pressure which hinders the course of reactions accompanied by the evolution of gases, lowers the litenaity of the turbulent actice of the gase, in glass melling, and, under certain conditions, neutralizes the beneficial effects of the tranke course of the avoid in gases, lowers the latenaity of the turbulent actice of the total alkall content, it decomps, completely with value added to a soda charge in amis, corresponding to 3-5% of the total alkall content, it decomps, completely with out the addie. of a reducing amise is the sulfate is added to a soda charge in amis, corresponding to 3-5% of the total alkall content, it decomps, completely without the addie. of a reducing agent: C should be added only when sulfate exceeds the amis. Other suggestions made by G, are being applied in industry. B, Z, K

## Combating formation of sikaline bubbles and discolors-

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CIA-RDP86-00513R000515620010-1"

"APPROVED FOR RELEASE: Thursday, September 26, 2002

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C.H.

Combating formation of alkaline bubbles and discolors-tion of glass melt. L. G. Gol'denberg. Mable i Keram 7, No. 5, 21 3(1950); cf. C. 4, 44, 8072, ... Oreatest prac-tice of the second second second second second second second decompts of the suifate. With 5% suifate in the charge, the chief source of SO, in furnace gases is the fuel (coal); when a charge is equal. For melting high-quility glass, the fuel bould have a min of SO, no suffice should not exceed S', or a min content of SO, in discates decompts, of said and seed. Detri, of SO, indicates decompts, of said faracterize the condition within and the correct and of source of sole in maintained, there will be considerable discarge to the established by observing the prevace of small patches of molter undecompt sulfate in the furnace is bubbles and seed. Detri, of SO, indicates decompts, of said faracterize the condition within and the correct and of sole and seed. Detri, of SO, indicates decompts, of sole discretizes of molter undecompt sulfate in the furnace will haracterize the condition within and the correct and of sole and seed. Detri, of SO, indicates decompts, of sole distribution of the sufface layers of the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases. Ordinarily it is dif-the melting charge by the gases is bound to design with the det whether the sole and reducing agent should not the reducing agent is bub findly gound, the CO bubbles and the reducing agent is bub findly gound, the CO bubbles of the melting second is bubble gauge to the through the other the process. The reducing agent should the other the process. The reducing



CIA-RDP86-00513R000515620010-1 CIA-RDP86-00513R000515620010-1 "APPROVED FOR RELEASE: Thursday, September 26, 2002 APPROVED FOR RELEASE: Thursday, September 26, 2002 1228. Building ghass tasks for sheet glass.—L. G. GOUDINGERG and G. V. DUTOTSKAYA (Stek. Keram., 8, No. 10, 19, 1951). To achieve complete purification of thest-glass the mast temps, should be maintained in tanks between the 2nd and 3nd burners: the temp, curve should be a non-reaction zone of sufficient size with a tottp, maintained at < 1,100 C. A high degree of homogenization can be achieved if glass remains for a long time in the furnace and if there are intense free convection stream between the relining and cooling parts of the tank. The tank should be rottangular without any narrowing in the screen region or where the machine charnel stream between the relining and cooling parts of the tank. The tank should be rottangular without any narrowing in the screen region and cooling areas, since this will make it possible to build tanks with large refining and cooling areas, since this will make it possible to increase the temp, as well as the output. The thermat efficiency per unit output of large-size tanks is higher than that of small tanks. The optimum temps should be determined for each tank individually. Tank construction with complete isolation of the melting rone and with the glass flowing vertically is favoure. The save and is should be reduced by mechanical mixing: this problem should be wheel



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 Thursday, September 26, 2002
 CIA-RDP86-00513R000515620010-1

USSR/ Engin	neer	ring - Glass furnaces
Card 1/1		Pub. 104 - 4/12
Authors	<b>1</b> -	Gol'denberg, L.G.
Title	t	Water cooling of bath type glass furnaces
Periodical	1	Stek. 1 ker. 1, 11-17, Jan 1954
Abstract	1	The advantages and disadvantages of using water cooling systems for bath-type glass furnaces are discussed. The wear of the inside furnace refractories depends upon their surface temperature and the viscosity of the glass mass with which these surfaces come in direct contect. The basin of a glass furnace as well as other construction elements cannot be insulated but must be cooled and it is also necessary to in- crease the viscosity of the glass mass in order to compensate for the corrosive action of the glass mass convection due to cooling. Drawings of water cooled glass furnaces (including one USA) are included. Eleven references: 9-MESR and 2 USA (1891-1953). Drawings; illustrations.
Institutio	n:	•••••
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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

USSR/ Engineering - Industrial processes

Card 1/1 Pub. 104 - 3/11

Authors : Gol'denberg, L. G.

Title : Rational layout of a compound plant

## Periodical : Stck. i ker. 4, 7-9, Apr 1954

Abstract : The melting of glass, in glass furnaces, not equipped with special devices for intensive stirring of the glass mass, requires the application of batches of high degree of homogeneity. The system of chemical control and frequent corrections of the batch is in itself a source of many errors and is therefore considered as imperfect. The high quality of the batch can be secured only through a working plant organization, which would make the origination of errors impossible. The author suggests a rational layout of a compound plant where the quality of the batch and the ready product can be maintained at a high level. Nine USSR references (1945-1953). Diagram.

institution:		• •	٠	٠	٠	• •	•	
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Submitted: .....

l'penbe	D FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1" $RB_1 L \cdot G$ ,
DSSR/Miscell	aneous
Card 1/1	: rub. 104 - 12/14
Authors	: Gol'denberg, L. G.
Title	: Use of containers for intrafactory transportation of refractories
Periodical	: Stek. i ker. 10, 27-29, Oct 1954
Abstract	: The mechanization of intrafactory transportation of refractories, by the adoption of the conveyer belt system, is described. The economical and technical advantages derived from such a change over are listed.
Institution	:
Submitted	:

API COLIDINIBURG,		D FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"	
<b>USSR/C</b> hemist	.ry -	- Glass crystallization	
Card	:	$1/1$ Pub. $10l_{+} - 10/12$	
Authors	:	Belova, B. M. and Gol'denberg, L. G.	
Title	:	Diopside in window glass	
Periodical	1	Stek i ker. 11/7, 27, June 1954	
Abstract	:	A description is given of the formation of crystals in glass, which proved to be crystals of diopside. Through experiences with such crystallization it was found that the magnesium oxide content in glass should be reduced to 4.5% and the calcium oxide content to 6.5% to prevent such crystalliza- tion. Illustration.	
Institution	. :	••••	
Submitted	:	•••	

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tion i start			
	The use of containers for the huid Good surger (Glass & Chranice, Moscoy of their conveyers get dandged; sheet-n ferable method of brandford (Start)	Raue of refractories within the align. L. G. , 11, No. 10, 27, 1954). Refractories mistall ctal containers moved by criminate a pris-	
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USSR/Chemical	Technology - Chemical Products and Their Application. Silicates. Glass. Ceramics. Binders, 1-9
	Referat Zhur - Khimiya, No 19, 1056 Kooge
	of denberg, L. G.
Institution:	Central Scientific Research Laboratory of Electrotechnical Glass
Title:	TSNILES Tank Furnace for Melting of 30-5k Glass
Original Periodical:	Toronia of Sprik Glass
r tourcal:	Informtekhn. sb. Tsentr. n1. labor. elektrotekhn. stekla, 1955, No 3, 39-50
Abstract:	On the basis of investigations of specific features of the process of melting of high-boron glass 35-5k, the phenomena of borate volatilization and crystallization process, there is proposed a new design of a 3-zone tank furnace provided with evaporation chamber and circulation arrangements connecting melting, refining and production sections. There is proposed a more gas-tight ar- ining of pools and conduits. On the basis of a comparison with



APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1 GINZBURG, David Borisovich, doktor tekhnicheskikh nauk; DELIKISHKIN, Sergey Nikolayevich, kandidat tekhnicheskikh nauk; KHODOROF, Yevgeniy Iosifovich, kandidat tekhnicheskikh nauk; CHIZHSKIY, Anatoliy Fedetovich, kandidat tekhnicheskikh nauk; ZIMIN, V.N., dotsent, retsenzent; KUZYAK, V.A., dotsent, retsenzent; NOKHRATYAN, K.A., kandidat tekhnicheskikh nauk, retsenzent; IVANOV, A.N., dotsent, retsenzent [deceased]; BUDNIKOV, P.P., redaktor; FRADKIN, A.Ye., kandidat tekhnicheskikh nauk, nauchnyy redaktor; GOL'DENBERG, L.G. inzhener, nauchnyy redaktor; GLEZAROVA, I.L., redaktor; GLADKIKH, N.N. tekhnicheskiy redaktor [Frunaces and drivers in the silicate industry] Pechi i sushila silikatnoi promyshlennosti. Izd. 2=ce, perer. Pcd red. P.P.Budnikova. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1956. 455 p. (MIRA 10:3) 1. Deystvitel'nyy chlen Akademii nauk USSR (for Budnikov) (Kilna) (Clay industries)

(Drying apparatus)

APPROVED F	OR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R	000515620010-1"
15 (2) AUTHORS:	Gol'denberg, L. G., Levina, A. P., Matyusha, S. I	3/072/60/000/02/001/021 B015/B003
TITLE:	Experience ade the Introduction of Direct Heating	of Tank Furnaces With
PERIODICAL:	Steklo i keramika, 1960, Nr 2, pp 1 -	- 5 (USSR)
ABSTRACT:	In the present paper the authors desc of this type designed by the Nauchno- institut elektrotekhnicheskogo stekls Research Institute for Electrotechnic in the Saratov works in 1957-1958 for of borosilicate glass. S.L. Rassadir design of the first furnate. N. S. Sr Filimonovich constructed the latter. of the first furnace, and figures 2 a types. The first burner type was desi the second burner is a standard const "Stal'proyekt". Figure 4 shows the me Compressed air is produced by means of	isaledovatel'skiy ( <u>NILES Scientific</u> <u>cal G.ass</u> ) and installed the manual processing participated in the mezhinskiy and N. V. Figure 1 shows the tank and 3 show both burner gned by B. G. Lukin, ruction of the tal recuperator. of a BK-6 ventilator
Card $1/2$	made by the Zagorskiy zavod sel'skokh	lozyajstvennogo

"APPROVED FOR RELEASE: "Huisday, September 26, 2002 CIA-RDPag-00510.005118000515620010-1"

Experience Made by the Introduction of Tank Furnaces With Direct Heating

3/072/E0/000/02/C01/021 B015/B003

mashinostroyeniya (Zagorsk Works for Agricultural Machine Construction). Yu. A. Gastev, L. V. Potemkina, Ye. I. Usova, and N. V. Filimonovich, collaborators of NIIES, as well as M. M. Lagranskiy, V. N. Morozov, S. G. Ponomarev, and V. V. Tyurin, collaborators of the afore-mentioned works, participated in putting the furnace into operation. After a campaign of 14 months the furnace superstructure was in good condition. In the middle of 1958 the second tank furnace of this type with slightly modified dimensions was put into operation in the same works (Figure 5). In conclusion, the authors state that these types warrant high technological qualities and optimum temperature- and gas conditions in the tank and in the processing part of the furnace. These furnaces also exhibit thermal and operational advantages. The limited dimensions of the melting tank and the resulting limited capacity (up to 80 t per day) are indicated as drawbacks of

Card 2/2











	SOURCE CODE: UR/0413/67/000/001/0000/1000
ACC NO. AP7004783	20080F COPF: 08/0412/0///00//02/00/0///02/
DVSNIGB: Demisor,	A.A.; Gol'denberg, L.G.; Reshetikhin, N.V.
DRG: none	
190090 Ennnounced by	matic (electrohydraulic) converter. Class 42, No. y Leningrad Polytechnical Institute im. M.I. Kalinin tekhnicheskiy institut)]
SOURCE: Izobreteni; 1967, 96	ya, promyshlennyye obraztsy, tovarnyye znaki, no. 1,
-/- , /-	
POPIC TAGS: electr	Opneumatic control, pneumatic device, hydraulic DECHANIC CONVERTER
TOPIC TAGS: electr device, <i>ELECTRO m</i>	ECHANIC CONVERTER
TOPIC TAGS: elect <i>R</i> device, <i>ELECTRO</i> ABSTRACT: An Author Cen hydraulic) of static or ele liminary appl a jet-formin( and receiving	



APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

SMIRNOV, V.A. (Moskva); GOL'DENBERG, L.I. (Moskva)

Affection of the nervous system following rabies vaccination. (HIRA 10:4) Klin. med. 35 no.2:114-118 P 157

1. Iz kliniki nervnykh bolezney (dir.-prof. I.N. Pilinonev) II Moskovskogo meditsinskogo instituta i nervnogo otdeleniva 2-y Gorodskoy bolinitsy imani Veysbroda (glavnyy vrach A.I. Khromova)

(RABIES, prev. & control vacc., causing lesions of NS) (NERVOUS SYSTEM, dis. caused by rabies. vacc.)

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 Thursday, September 26, 2002
 CIA-RDP86-00513R000515620010-1

GOL'LENEERG, L.I.

Use of iodobromine baths for the treatment of the initial forms of cerebral atherosclerosis. Vop. kur., flzioter. i lech. flz. (MIRA 14:2) kulit. 25 no. 6:525-531 H-D 160.

l. Iz nevrologicheskogo otdeleniya (zav. - prof. K.S. Ghetverikov) Nauchno-issledovatel'skogo instituta kurprtologii i fizioterapii v Moskve (dir. - kand, med. neuk G.N. Pospelova). (KHODYZHENSKI--MINERAL WATERS) (ARTERIOSCIEROSIS)




APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1" SOV . 17:58 8 17765 1

Franslation trend Referationly zionnal (Metalogradia (EGR) New police (USSR)

AUTHOR Golderberg L I

TITLE Grav Cast froms of Impresed Quality (Multisher ve haves) a tatevnykh shtykorykh crogena J

PERIODICAL: Visber Materiary Soleshelantha mathematical engenzione the for a temobol promost on Nr.2. Messley of the pp.14-24

The quality of cash non (CO has not cathered to the docart ABSTRACT er sporlage in casting production. Met Plagne en estudies per formed on gray. CI's manufactured in start for accessingle it. possible to analyze the properties peopling to certain types of CI. It was established that independence in the quality office grav Cl manufactured in plast turneeds may be denabled as follows: grav C' manufactured by The Zau Substant place 2) Voreshilov plant (3) Kristickista (plant 4) in Serec plant (5) Chelvabrisk plant (c) Kuthetsk Kindonat (7) A apaver plant (8) Nizherv Fasil plant (and 4) Magnitukersk Metal arg car Kombunat - In order to el minate spollage - tus esse tual that the requirements for grad. Globe refosed to taking into consideration the extent of its contain partice with connectal conclusions.

Card 1/2

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP80-00515R000515620010-1 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

SOV 137-58-8-17763

A S.

## Gray Cast Irons of Improved Quality

and that research be performed in order to arrive at standardized values of total C content depending on the grade of CI. Fluctuations in weight of CI pigs must not exceed 20 kg. It is also necessary to revise the existing GOST regulations regarding grav CI so as to arrive at a system whereby grav CI from every supplying region would have its own wavbill fully describing its quality characteristics.

1. Cast iron-Production 2. Cast iron-Quality control

Card 2/2

"APPROVED FOR RELEASE: Thursday, September 26, 2002 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

David H-HB-HB-HB-HB AGTHYAG (A. 1997) And Watawa ver Will Congress THER (A. 2007) Aliandard Prejson for Loke Elgent (Proyer: 1957) ra koksevyy comehkovyy liteynyp orasan

PERFECTION: Contegnage pricewisetwo, 1984, 1r - pp 1980, 7031

ABOTRADI: The project of the new state standard, 1900 for fourity pig iron [to replace 4000 1970-19] to described. It is pointed out that the grades 102-000 and 102-00 have been deleted and a new, 102-55, grade with soliton content of 0.75 -1.25% introduced. In 1953 for 100 for the total 6 million tons of founity iron produces will be in the two deleted grades. The yearly requirement for ferrosilator, after the new standard comes into effect, is herein calculated. The published project is presented by the Dientral tyy neuchooissleiovatel skip institut chernoy metallargit (Denyta, Boientific Research Institute of Ferrous Metallargy)

(2) Little (LAME) (2) Tours - Specific rations (1) - Control PLA Station

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

AUTHORI	dol denberg.	LaI
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WY -1, 18-58-9-5/16

The Quality of Bisso Person, Cast Tra. . . . Kachestve domen-TITLE: nykh liteynykh chugunov)

Liteynoye proizvodstvo, 1958, Nr 9, pp 7-8 (MCSE) FERIOPICAL:

Frystallization in iron during solidification is influenced APSTRACT: by the structure formation and admixtures, especially in the form of graphite and refining foam. The inclosures of refining foam are most numerous in plants where fluxed agglomerate is used as raw material. The content of free carbon in cast iron may be regulated by varying the time during which the liquid iron is kept in the lailes. A regulated carbon content is very important to many branches of industry. The silicon content is especially high in the cast iron brands LK-0, LE-00, and IE-1. In LE-C it is C 5% higher than in LK-1 - For many purposes, cast iron with a manganese content of 0.5% is needed, whereas usual cast iron has a content of 0.7 - 0.9%. The state standard GCST permits a phosphorous content of C 11 - 0.30' in cast iron A

Card 1/2



"APPROVED FOR RELEASE: Thursday, September APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

e 21 denterg, <u>1. (</u>. AUTHOR: 医牙静静 超过 异枝 On the Quality of Blass Stars - Finance Mag Links TICIE. PERIODYCAL, Stall, 1958, Dr. 10, pp. Sim. T.SSF (

ABSTRACT: AD INTOIST Pathon of the converge of term as doubly pigs The an energy when it we converse the second state of the second second second the second sec > nelving therges of the funning pig and 30 aimic iron in Number of the second of the de signed of shrinkage phenomena was observed for pigs - Wrantmated with kish. It was found that during smalling Fouring-ipen from naw cise and somethin the A surpression from raw cless and school on one Maple Sustal. Works or with a proportion of syderitic offeren the Gnelyabinsk Works one contamination of the offerent bush is comparatively shall. Casting of pig into one to off a small weight in the Chetegovers. Works and Card. 2

APPROVED FOR RELEASE: Thursday, September 20, 2002 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515820010 On the Que try of Blast-furnage Foundary Fue Inclast COV/132-58-10-4/31 MASHAR State State Containe Lecie of Shaffare 1 the

Magnassigeresk Combine lector constituting of the accumulated where with increasing from temperature, the solubility is a first with increasing from temperature, the solubility as a first with a construction increases. From reconstruction there with a construction of the temperature of the material solution of the the theorem and us not to be the low electric from the temperature of the temperature with the lower of the temperature of the temperature with the lower of the temperature of the temperature with the lower of the temperature of the temperature with the lower of the temperature of the temperature with the lower of the temperature of the temperature with the lower of the temperature of temperature of the temperature of the temperature of the temperature of temperature of the temperature of the temperature of temperature of temperatures of temperatures of the temperature of the temperature of temperature of temperatures of the temperature of temperatures of the temperature of the temperature of temperature of temperatures of the temperatures of the temperatures of temperatures of temperatures of temperatures of temperatures of temperatures of temperature

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"APPROVED FOR RELEASE: Thursday, September 26, 2002 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

AUTIOR:	Gol'denberg, L.
	1/128-59-12 2/23
	The New ACT-Stendard for Cast Iron in Niss () nivem 2021 na liteynyye chushkovyye chuguny)
PERITINAL:	Liteynoye proizvodstvo, 1958, Mr 12, pp 2 5 (1913)
ABSTRACT:	Proposals for a new doll-Standard for blast-furnace cast iron were discussed at a session of the Academic Jouncil of the USNIIChermet Institute of Steel Production. The decisions were submitted to the Domantee of Standards, Mensures and Vensuring Devices. The representation of the existing TOST standard in particular concerns the new re- gulation of carbon content in blast-furnace cast iron nology for the production of cast iron is figs. It will bases of cast iron the plants pervine as reademic of bases of cast iron is standard in the standard in the standard in a standard in the standard in the plants pervine as reademic of the standard in the s
Card $1/2$	concentrate cast iron production at the Wordshillowsk and Wrivey Rog Hants (southern region), at plants situated

The New GOST-Standard for Cast Iron in Firs STI/129-54-12-2/21

"APPROVED FOR RELEASE: Thursday, September 20, 2002 APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R00051

near the Eursk calmetic and alv (  $\ensuremath{\mathsf{errs}}$  ) and at the Chelvabinsk plant in the east. The new [ -- taniard ineludes instructions on the composition of cast iron (table) and on the change in the ratio of the mold and pig weights. A supervisory commission was appointed to leal with the introduction of the new standards. There is I table

Card 2/2

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-005156000515620010-1"
SHKCRUPEYEV, I.S., inzh.; GOL'DENHERG, L.L., inzh.; SIRKES, F., red.;
KUHMAYEVA, T., tokhn. red.
[Development of the machinery and electric equipment industries
in the Moldavian S.S.R.] Razvitie mashinostroitel'noi i elektrotekhnicheskoi promyshlennosti v Moldavskoi SSR. Kishinev, Gos.
izd-vo "Kartia moldoveniaske," 1960. 61 p. (MERA 15:4)
(Moldavia-Machinery industry)

(Moldavia-Electric equipment industry)

## APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1" GOL'DENDWN;, L.M. Mathod for expressing the hemoglobin content of an erythrocyte. Lob.dele # no.5:2-9 S-0 '59 (MIR! 11:11) 1. Is kefedry detskikh infektsionnykh bolegney (zev. -prof. M.N. Bessonova) Krymskogo meditsinskogo instituta i detskoy infektsionnoy bol'nitsy (glavnny vrach R.T. Lyanayeva), Simferopol'. (ERTHHROCYTES) (HEMOGLOSIN)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

SOV/124-58-5-4992

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Translation from Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 7 (USSR)

AUTHORS. Tsypkin, Ya.Z., Gol'denberg, L.M.

TITLE How to Construct a Transient Process in Automatic Control Systems From the Characteristics of Their Separate Components (Postroyeniye perekhodnogo protsessa v sistemakh avtomaticheskogo regulirovaniya po kharakteristikam ikh otdel nykh zven'yev)

PERIODICAL. Tr. Vses. zaochn. energ. in-ta, 1957, Nr 7, pp 90-106

A study is made of the problem of calculating approxi-ABSTRACT mately the time characteristics of closed linear systems by using transfer functions or using the time characteristics of the systems' individual components. According to the wellknown formula of the theory of impulse control systems, a transition is accomplished from the continuous transfer function to a discrete transfer function. The relationship between the discrete values of the output and input values in a continuous system is written as a summation (the discrete weight function). The weight factors of this summation are equal to the coefficients of the expansion into a series of the discrete Card 1/2

人名马斯特特雷特 医白细胞 法法律保证的 柳树 法出口法 医后下分子 网络美国拉利

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1

SOV/124-58-5-4992

### How to Construct a Transient (conf.)

transfer function of a closed system. The author neglects to explain the fact that the formula in question, which interrelates the discrete values for input and output values, though essentially precise, nevertheless requires that the poles of the closed system's transfer function be ascertained. An approximate formula is obtained by replacing the exact discrete transfer function with a function comprising the transfer coefficients of the system's individual components. This formula does not require the solving of the closed system's characteristic equation. Simplified examples are given of the use of this procedure for the approximate determination of transient functions. An account is given of several modifications of the procedure which adapt it for use with nondirectional circuits and for determining approximately a discrete transfer function through a substitution for the independent parameter. The article contains references to works published previously on this subject.

Control systems--Mathematical analysis

A.A. Krasovskiv

Card 2/2



GOL'DENBERG, L.M., dots.; LIPCHIN, G.S., inzh., OKUNEV, Yu.B., inzh.; POLYAK, M.N., inzh., HAKHOVICH, L.M., inzh., VEYTSMAN, G.I., red.; ROMANOVA, S.F., tekhn. red.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

[Digital differential analyzer]TSifrovoi differentsial'nyi analizator, informatsionnyi sbornik. Moskwa, Sviaz'izdat, 1962. 109 p. (MIRA 16:3)

1. Sotrudniki Leningradskogo elektrotekhnicheskogo instituta svyazi imeni prof. M.A. Bonch-Bruyevicha (for Gol'denberg, Lipchin, Okunev, Polyak, Rakhovich). (Electronic differential analyzers)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1"

BRUNOV, Boris Yakovlevich, dotsent; GOL'DENBERG, Lev Moiseyevich, dotsent; KLYATSKIN, Loay Gertsovich, prof.; TSEXTLIN, Lev Aleksandrovich, dotsent; LOMONOSOV, V.Yu., prof., retsenzent; GOL<sup>1</sup>DIN, O.Ye., dotsent, red.; ZHIINIKOVA, O.S., tekhn, red.

> [Theory of the electromagnetic field] Teoriia elektromagnitnogo polia. By B.IA.Brunov i dr. Moskva, Gosenergoizdat, 1962. 511 p. (Electric fields) (MILIA 15:5)

(Magnetic fields)



# APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1" COLIDENDERG, L.M.; MENISHIKOV, G.G.; COPINCHIETH, A.K., dtv. red. [Introduction to the testnique of programming; a training manual] Vvedenie v tekhniku programminovanida; uchekrose posobie. Leningrad, Leningr. elektrotekhn, inst sviani, 1964. 46 p. (CIRA 18:7)

APPROVED FOR RELEASE APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1 L 3014-66 EWT(1)/EWA(h)UR / AM4048141 BOOK EXPLOITATION 621.374 (075.8) 49 B+1 Col'denberg, Lev Moiseyevich Principles of pulse techniques  $\mathcal{U}^{(5)}$  (Osnovy impul<sup>\*</sup>smoy tekhniki) 2d ed. rev. Moscow, Izd-vo "Svyaz", 1964. 431 p. illus., biblio. 30,000 copies printed. TOPIC TAGS: radio engineering, electronics, pulse signal, electrovacuum, pulse transformer, pulse generator, electronic circuit, circuit theory, semiconductor device, pulse storage, logic element, junction dicde, multivibrator. PURPOSE AND COVERAGE The book presents the asic principles in the theory and design of most important pulse devices used in various fields of radioelectronics. The main objective of the book consists in the nitroduction to the reader the basic concepts and methods of physical process analysis and pulse technology element design. Considered are the pulse units used in electrovacuum and semiconductor devices. The book is designated for students and can be also of use to specialists engaged in pulse technology. TABLE OF CONTENTS (abridged): Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515620010-1" L 3014-66 0 AN4048141 Ch. 1. Introduction -- 7 Ch. 2. Pulse passing through simple linear circuits - 34 Ch. 3. Delay lines - 62 Ch. 4. Limiters and keys -- 79 Ch. 5. Devices with impact excition circuits -- 112 Ch. 6. Pulse transformers - 134 Ch. 7. Triggers -- 152 Ch. 8. Multivibrators -- 207 Ch. 9. Blocking generators -- 248 Ch. 10. Relaxator synchronization and frequency dividers -- 291 Saw-tothed shape voltage and current generators - 310 Ch. 11. Logical elements and junctions --- 374 Ch. 12. Ch. 13. Pulse selectors -- 412 Bibliography - 432 SUHMITTED: 21May 54 SUB CODE: EC OTHER: 000 NO REF SOV: 015 card 2/2 md





