

Definition of the Concept of "The Weldability  
of Metals", by A. A. Alov.

RUSSIAN, per, Avtó Delo, Vol XXII, No 9, 1951.

B.S.A. Res Group  
OT/1317

Sci - Engineering, ~~Mechanics, Metals~~

30,081

The Effect of Chemical Composition of  
Some Binary ALuminium Alloys on Their  
Cracking Tendency in Gas Welding, by  
S. V. Avakyan, N. F. Lashko.

RUSSINA, per, Avto Delo, Vol XXII,  
No 10, 1951.

B.S.A. Res Group  
OT/1318

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Sci - Engineering, ~~Mechanics/Metals~~

Chemistry

62-20161

Ninburg, A. K.  
THE EFFECT OF OXYGEN PURITY ON THE  
FLAME GROOVING PROCESS. [1962] [18] p. 2 refs.  
Order from OTS or SLA \$1.60 62-20161

I. Ninburg, A. K.

Trans. of Avtogennoe Delo (USSR) 1951, v. 22  
[no. 10] p. 13-16.

DESCRIPTORS: \*Oxygen, Impurities, \*Cutting  
torches, Effectiveness, Experimental data.

Oxygen purity has a substantial effect on the oxygen  
groove cutting process. Oxygen groove cutting on  
ordinary low carbon steel is impossible when the  
oxygen purity is less than 95%. For each grade of  
oxygen purity, there is an optimum cutting speed  
which corresponds to maximum cutting efficiency and  
minimum specific oxygen consumption. When, in the  
purity range of 99.5% to 97.0%, the oxygen purity is  
(Machinery--Manufacturing, TT, v. 9, no. 11) (over)

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A Study of Welded Joints Between Stainless and  
Low Carbon Steels, by N. YU. Palchuk.

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B.S.A. Res Group  
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Sci - Engineering, ~~Minerals/metals~~

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APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300800029-6

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Influence of Hygroscopic Moisture of Coating Upon  
Some Properties of Welding Electrodes, by E. D.  
Lonskii.

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pp 17-19.

Brutcher Tech Tr No 2814

New Arc Welding Process for Cast Iron, by K. K.  
Khrenov and F. S. Vol'fovskaya, UNCLASSIFIED

Avtogonnoe Delo, Vol 23, 1952, No 1,  
pp 3-6.

Brutcher Order No 2919

Scientific - Metallurgy, welding, iron

February 1953

Flash Butt Welding of Different Metals, by  
G. V. Nedzvetskiy.

RUSSIAN, per, Avtogennoye Delo, Vol XXIII,  
No 1, 1952, pp 14-16.

DSIR LLU RTS 1641

Sci - Engr

Oct 60

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APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300800029-6

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Argon-Arc Welding for Duraluminum, by Eng. A. A. Tret'yakov, 12 pp. UNCLASSIFIED

Full translation.

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AEC F-TS-7843

Scientific - Engineering, minerals, metals, welding,  
Duraluminum

63-16840

1. Title: Packing rings  
I. Kazemov, Yu. I.

Kazemov, Yu. I.  
SINGLE PASS WELDING OF 1Cr18Ni9T STEEL WITH  
A CERAMIC BACKING. [1963] [5]p.  
Order from OTS or SLA \$1.10

63-16840

Trans. of Avcogemnoe Delo (USSR) 1952 [v. 23] no. 8,  
p. 22-23.

Another trans. is available from LC or SLA m/\$1.80,  
ph\*1.80 as 60-17195, DSIR LLU M.1361 [1960] 2p.

DESCRIPTORS: \*Stainless steel, \*Welding, Steel,  
Pipes, \*Ceramic materials, Rings, Materials.

(Metallurgy, TT, v. 10, no. 6)

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Problems Associated With the Weldability  
of Metals, by N. N. Novozhilov.  
per,  
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B.S.A. Res Group  
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Sci - Engineering, ~~Materials, Metals~~

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Material and Heat Balances ~~for~~ for Oxy-Acetylene  
Scarving and Cutting of Low-Carbon Steels, by A. K.  
Nienburg.

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pp 1-5.

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I. Petrov, A. B.

Petrov, A. B.  
THE EFFECT OF THE IMPURITIES IN ARGON ON  
THE QUALITY OF ARGON-ARC WELDS. [1962] [18]p.  
Order from OTS or SLA \$1.60 62-20159

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DESCRIPTORS: \*Argon, Impurities, \*Arc welds,  
Aluminum alloys, Quality control

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Influence of Manganese Upon the Mechanical  
Properties of Welds and on Their Susceptibility  
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Scientific - Engineering

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OTS 62-20160

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Welding With a Consumable Electrode in an Atmosphere  
of Protective Gases, by K. V. Lyubavskii, N. N.  
Novoshilov

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pp 4-8.

Brutcher Tr 3140

Scientific - Minerals/Metals  
CTS/DEX                      Price \$5.90

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APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300800029-6

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PP 7-9.

Brutcher Tr 315b

Scientific - Minerals/Metals  
CTS/DEX Price \$5.40

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Manufacture of Electrodes for the Arc Welding of  
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CPS/DEK

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Interaction Between Elements and Their Oxides in  
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1 - Chem

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Sci - Engineering, ~~Mechanics, Physics~~

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Weldability and Cracking Tendency in Welding,  
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APPROVED FOR RELEASE: Thursday, December 13, 2001      CIA-RDP84-00581R000300800029-6

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AVTOMAT. REGULIROVAN. AVIADRIGATEL., SBERNIK  
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