

December 1964

*polish  
technical  
review*

4



## POLISH TECHNICAL REVIEW

Bimonthly

December No. 4 1964

PUBLISHERS OF TECHNICAL PERIODICALS  
OF THE CENTRAL TECHNICAL ORGANIZATION

Warszawa, ul. Marszałkowska 140

Issued in English, French, German and Russian

Edited by the Editorial Board

### Contents:

Editorial . . . . .	1	
<b>INTRODUCING POLISH INDUSTRY</b>		
Prof. dr. Bolesław Krupiński (Min. Eng.) Mineral raw-materials and the mining industry in Poland . . . . .	2	
Dr. Józef Lejzerowicz (Eng.), Dr. Mieczysław Ja- wień (Eng.) Development of mining districts . . . . .	5	
Roman Bromowicz Dr. Sc. (Eng.) Designing of hard coal mines . . . . .	7	
Jan Świerniak M. Sc. (Eng.) Polish mining machinery and equipment . . . .	12	
Doc. Tadeusz Radowicki M. Sc. (Eng.) Hydraulics in getting and transport of coal .	14	
Doc. dr. Andrzej Lisowski Hydraulic stowing . . . . .	17	
Doc. Jerzy Wroński M. Sc. (Eng.) Flameproof motors . . . . .	20	
Export of complete mining plants . . . . .	25	
Zygmunt Prusek M. Sc. (Eng.) Mine rescue equipment . . . . .	27	
<b>COMMENTARY</b>		
Jerzy L. Toeplitz M. Sc. Automation goes underground . . . . .	22	
<b>PATENTS, STANDARDS</b>		
Patents . . . . .	30	
Standardization in the Field of Mining . . .	31	
<b>NOVELTIES IN BOOKSHOPS, TECHNICAL PRESS . . . . .</b>		31
<b>HIGHER EDUCATION IN POLISH MINING . . . . .</b>		32
NOTES . . . . .	22, 24	