

Contents

No. 7, 2006

Simultaneous English language translation of the journal is available from Allerton Press, Inc.
Coke and Chemistry ISSN 1068-364X.

Coal

Spreadsheet for Determining International Code of Medium and High Rank Coals	
<i>R. M. Bychev</i>	1
China's First Selective Coal Pulverizing System with Pneumatic Classification	
<i>M. Yu. Posokhov, V. I. Sukhorukov, and Chen Kai</i>	4
Influence of Coal-Slurry Size Consist on Hydrocyclone Classification	
<i>L. L. Korsak</i>	9

Coke

Obtaining Coke with Specified Physical and Mechanical Properties	
<i>D. A. Muchnik and V. M. Gulyaev</i>	11
Coke Reactivity (<i>CRI</i>) and Strength after Reaction with High-Temperature CO ₂ Gas (<i>CSR</i>): Measurement Methods and Influencing Factors (Review)	
<i>S. A. Kosogorov, L. A. Kogan, A. A. Kaufman, and Ya. B. Kukolev</i>	15
Conceptual Design of Coke-Oven Battery Structural Elements to Achieve Specified Load-Bearing Capacity	
<i>V. S. Romas'ko</i>	22

Materials from the 5th European Coke and Ironmaking Congress

Giprokoks Integrated Process Control System for Coke-Oven Batteries at Severstal Company	
<i>Yu. E. Zingerman, K. G. Lavrov, M. A. Gorenbukh, A. I. Gabov, N. A. Ershov, and N. N. Nikitin</i>	26
New Technology for Co-Coking of Waste Plastics and Blend Coal	30

Chemistry

Improved Coal-Tar Refining Technology	
<i>N. Yu. Beilina, V. V. Zamanov, A. A. Krichko[†], A. A. Ozerenko, E. A. Ozerenko, and S. B. Frosin</i>	31
Estimating Critical Parameters for Methyl-Substituted Phenol Derivatives	
<i>S. G. Gagarin</i>	33
