

SELECTIVE PREPARATION OF COALS FOR COKING\*

by

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ABSTRACT

The selective preparation of coal for coking has been intensively studied during the past decade or so in various countries\*\*; however, investigations on selective preparation were initiated more than 30 years ago\*\*\*. Work on the Sovaco-Burstein process\*\*\*\* brought renewed interest throughout the world. Selective preparation is based on differential friability of the coal macerals with separation of enriched fractions of each by screening and recombining these in proportions that are optimum for the coals and coking process. Consequently, different coals present special problems in selective preparation. In this paper the results of work on Indian coals are presented. It would appear that selective preparation should prove beneficial to many of the coals of India.

\* Manuscript not received in time for preprinting.

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\*\*\* K. Lehman: "Application of Petrography to Coal Preparation", Proc. of the Third International Conference on Bituminous Coal (1931) Vol. II. Carnegie Inst. of Technology, Pittsburgh, Pa., pp. 679-700.

\*\*\*\* R. Cheradame, Coke and Gas, April, 1954, pp. 147-149.