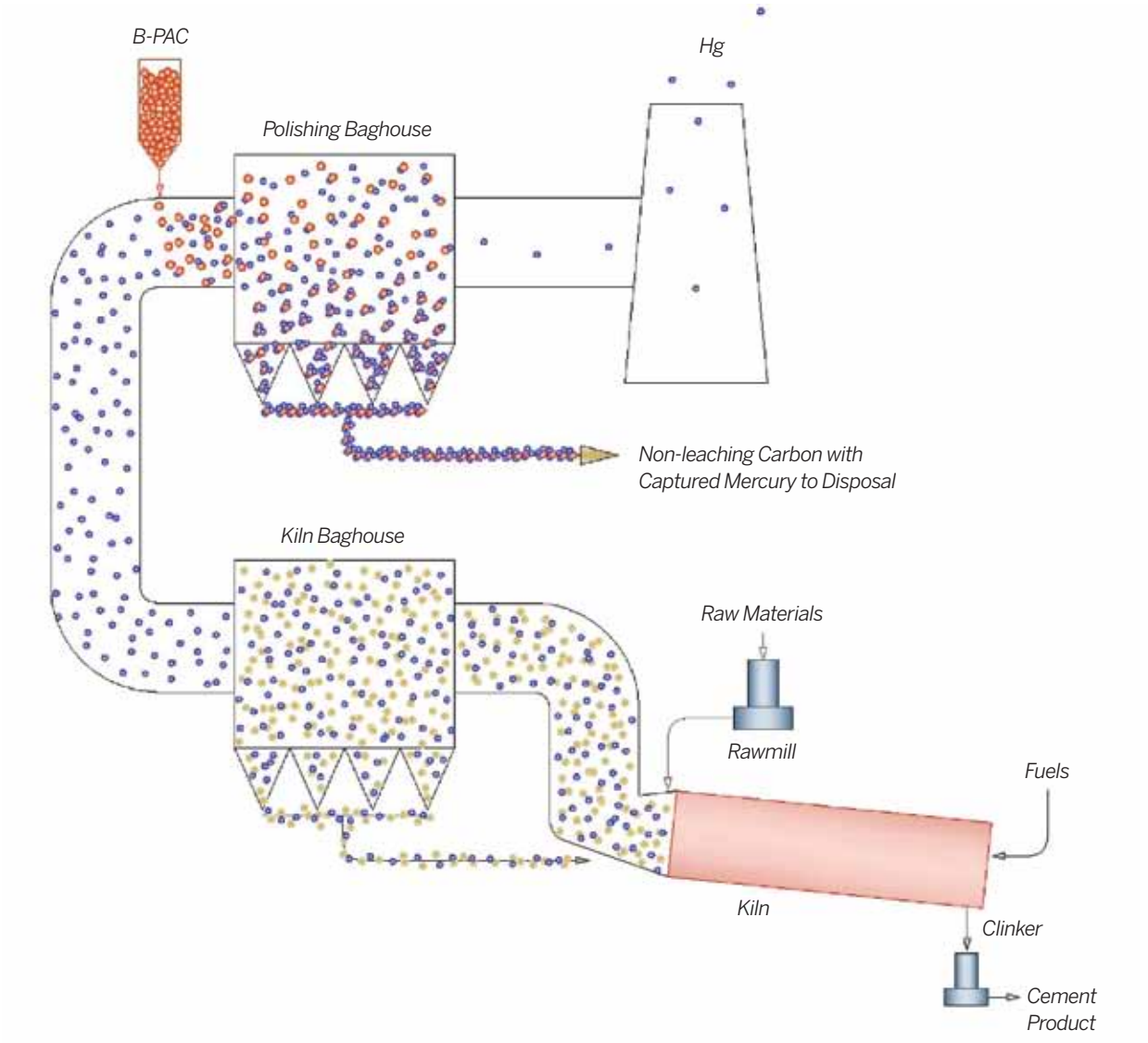
ALBEMARLE® | Mercury Control

B-PAC™
Mercury Control Sorbent for Cement Kilns

Mercury Control for New Cement Kiln Facilities

Method for achieving very high mercury capture rates in new plants by the injection of B-PAC, Albemarle's brominated powdered activated carbon, into a polishing baghouse filter. A transfer of proven technology from industrial and utility boilers.

Cement Kiln **with** B-PAC Mercury Control



Description of Method

- Installation of a polishing baghouse filter
- Installation of equipment for handling and injecting of B-PAC for mercury control
- Injection of B-PAC into polishing baghouse filter to capture mercury vapor
- Disposal of B-PAC with chemically bonded mercury—mercury will not leach from B-PAC after use

M-PACT™ equipment for low rates of B-PAC injection

B-PAC Key Features

- Brominated, powdered activated carbon for mercury control
- Commercially used in utility and industrial plants nationwide
- Thermally stable at elevated temperatures
- Produced by Albemarle Corporation in Twinsburg, Ohio
- Specialty formulations of B-PAC available to ensure that regulatory limits can be reached

Commercial Installation

Albemarle helps your plant achieve optimum mercury capture by designing commercial equipment packages specific to the needs of your plant.


Silo based equipment for B-PAC injection

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