

CECO Busch



PM 10, PM 2.5, AND CONDENSABLE PARTICULATE CONTROL

BUSCH FUME-SHIELD™ FUME EXHAUST SYSTEMS

HEAVY OIL SCRUBBING SYSTEMS | DRIP RESISTANT MILL HOODING



CONTAIN | CAPTURE | CONVEY | CLEAN

The **BUSCH FUME SHIELD™** System is based on the “4-C” approach:
Contain, Capture, Convey, Clean

To effectively **Contain** emissions, the **BUSCH FUME SHIELD™** heavy duty enclosures are tailored to the specific operation, without sacrificing valuable production time and maintenance efficiency. **BUSCH** excels in difficult retrofit applications.

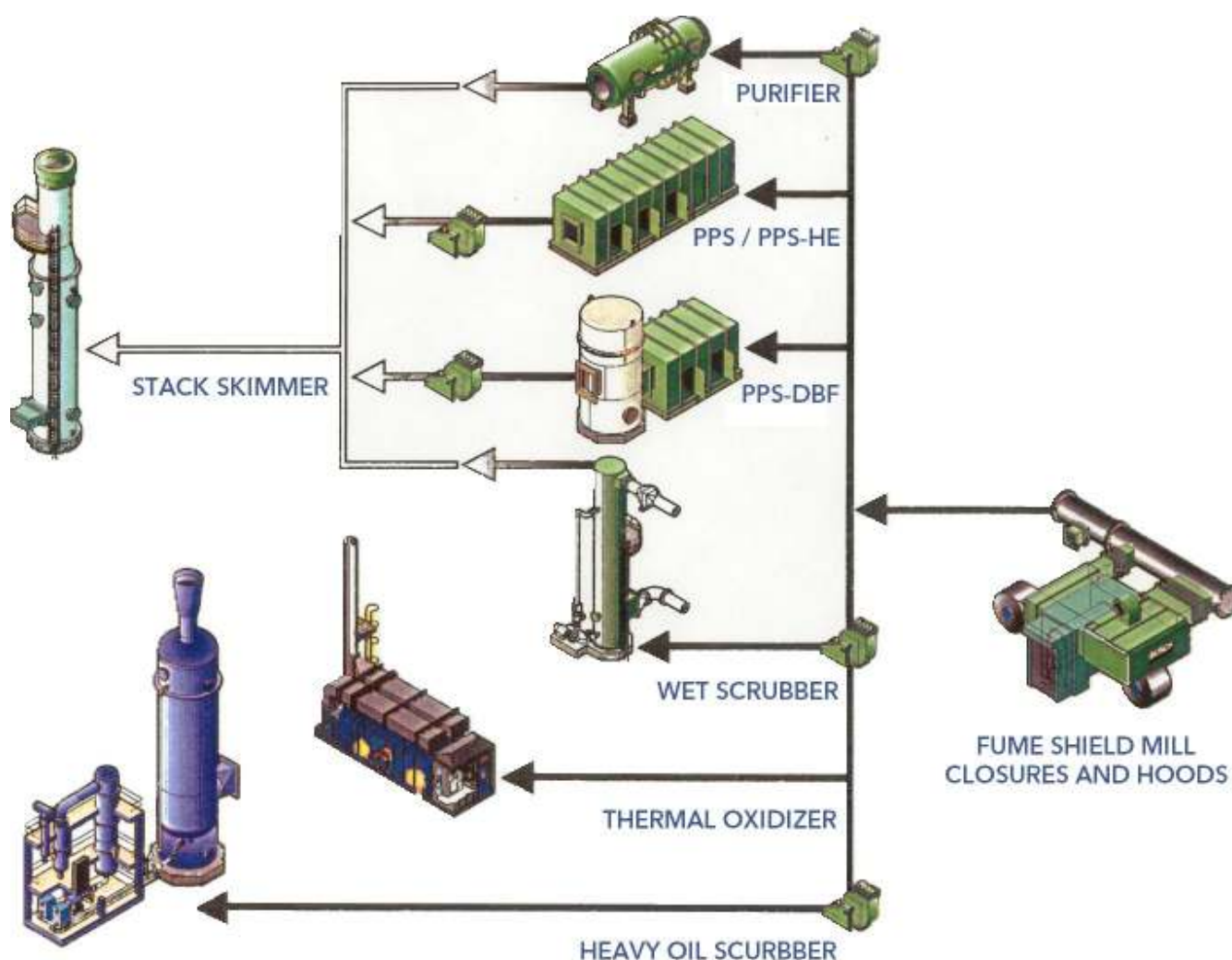
Designed specifically for each unique Rolling Mill application, the **FUME SHIELD™** Hoods work to provide a

high efficiency **Capture** System. A computerized selection of optimum exhaust flow volumes allows for the best possible capture.

CECO Busch has the specialized expertise needed to effectively **Convey** liquid particulate. Components such as dampers and fans are custom designed for liquid coolant service to insure proper operation and low maintenance.

BUSCH technologies offer emission controls to **Clean** fume-laden air for any PM 10, PM 2.5, condensable, or VOC removal requirement. See below.

BUSCH EMISSION CONTROL OPTIONS



DESIGN AND CONSTRUCTION

BUSCH FUME SHIELD™ Exhaust Systems utilize heavy-gauge, all-welded construction. Systems are available in carbon steel, stainless steel and aluminum, as dictated by the application. System aerodynamic analysis and modeling are used to enhance the collection of particulate and fume in the hoods and to reduce pressure drop within the duct system. Fans are designed specifically for liquid particulate-laden gas streams and system components are selected to enhance collection and minimize maintenance.

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