

COMPANY:

A major steel company in Indiana.

PROBLEM:

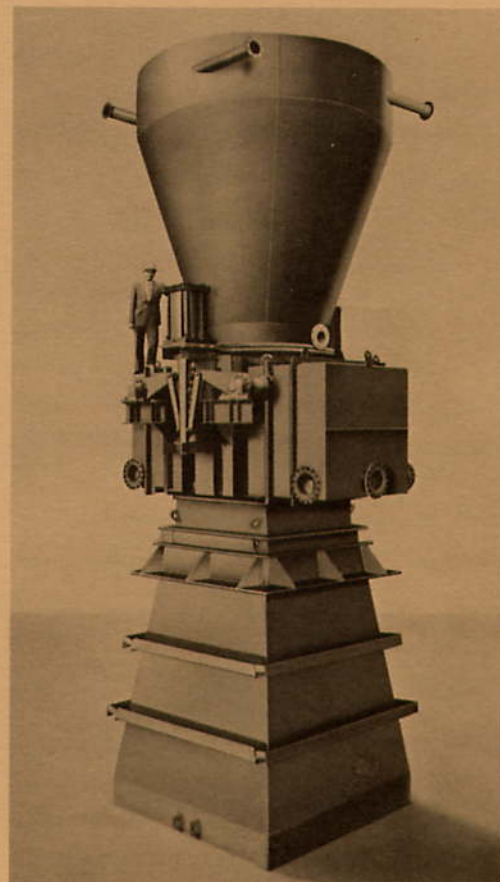
The company had two older type BOF adjustable dual-throat venturi scrubbers, each with hundreds of reamers on individual jets which plugged. The throat dampers would not operate reliably. Consequently, the stack plume was often discolored due to loss of pressure drop and water at the venturi throat. The units could not meet local and state pollution code requirements.

SOLUTION:

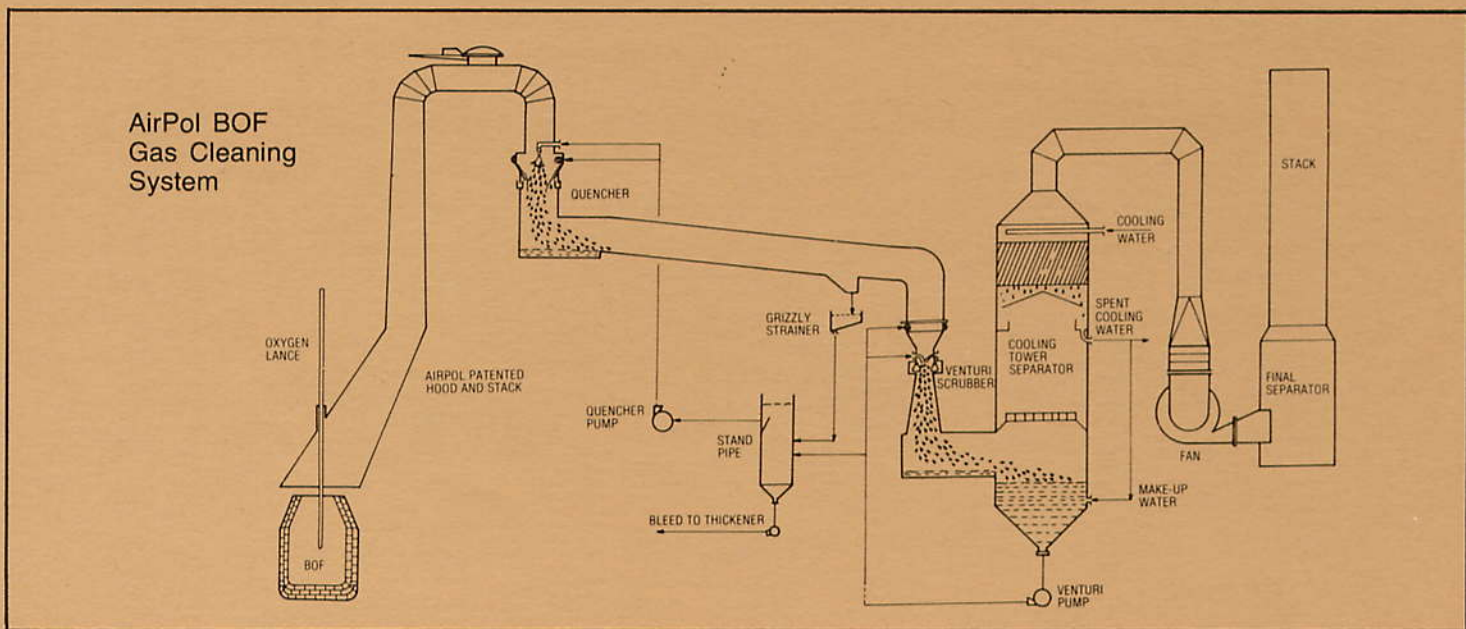
The company installed two AirPol Blast Furnace Type Venturi Scrubbers, each with a single round throat to handle a gas volume of almost half a million CFM. A single round throat replaced each dual rectangular throat. Instead of hundreds of small jets, each venturi has only six water inlets making plugging impossible and eliminating need for jet reamers. In addition, dirty water is recycled to the AirPol scrubber without any problem.

RESULT:

The AirPol Venturi Scrubbers went on stream as scheduled enabling the company to more than meet the opacity requirements of both county and Indiana pollution control codes. They have been operating reliably and trouble-free with minimum maintenance since the summer of 1979.



An AirPol Blast Furnace Type Venturi Scrubber for a BOF



AirPol Inc.

32 Henry Street, Teterboro, NJ 07608 (201) 288-7070 — Telex 650 263 1648