

project brief

TYPE OF FACILITY:
Power Plant

First Energy W.L. Sammis Power Plant

■ Empire, Ohio, United States

The construction of the new First Energy – W. H. Sammis Power Plant in Empire, Ohio included the installation of two Babcock & Wilcox wet scrubbers to reduce SO₂ emissions. After cost comparisons and performance and maintenance tests by the Victaulic sales team, First Energy decided to install the Victaulic Style 220 317LMN alloy scrubber nozzle couplings.

The Victaulic Style 220 nozzle coupling is a single-bolt alloy coupling designed for easier and quicker installation than four-bolt flanged joining systems. In addition to quick and easy installation, Babcock and Wilcox, the technology provider, reduced labor and material costs as well as improved system performance and maintainability with minimal engineering changes.

SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Limestone Slurry	Grooved 317 LMN Alloy	4"/100 mm



MARKET:

Power
Industrial

VICTAULIC SOLUTIONS:

Ease and Speed of Installation
Ease of Maintenance
Labor Savings
Installation Time Savings
Reliability

OWNER:

First Energy

CONTRACTOR:

Babcock & Wilcox

ENGINEER/CONSULTANT:

Babcock & Wilcox

COMPLETED DATE:

May 2009



WCAS-7LPMQ3