



Innovation has always been the hallmark of our success. At BETE, we have continually adapted to marketplace demands, creating new and improved designs for both retrofit and new scrubber applications. The result - today BETE is a leading supplier of



absorber nozzles in the U.S. and our worldwide customer base has grown to

include installations in more than twenty nations in Europe and Southeast Asia.

No nozzle manufacturer in the world has more experience or a more flexible product range than BETE. Why would you turn to anyone else?

BETE® BETE Fog Nozzle, Inc.

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At BETE Fog Nozzle, Inc., we have a long history of helping companies improve profits and meet emissions regulations by improving scrubber performance. In fact, we've been supplying absorber nozzles and products for wet scrubbers for



more than thirty years.



BETE FOG NOZZLE – MORE THAN 50 YEARS OF INNOVATION

Major milestones include:

1950s

- BETE founded - Multiple spiral designs patented

1970s

- Delivered Cobalt Alloy 6 spiral nozzles used in pioneering FGD work funded by the EPA at TVA's Shawnee Plant in 1972.

1980s

- By 1980, BETE nozzles were installed in nearly 70% of the wet scrubbers commissioned in the U.S.A.
- BETE foundry demonstrates unparalleled flexibility in the design and manufacture of absorber nozzles for Texas Utilities Martin Lake Units 1 & 2. They turned to BETE for two thousand Cobalt Alloy 6 spiral nozzles to replace a competitor's absorber nozzles, which were prematurely failing in service.

- New pollution control legislation drives a surge in FGD activity in Europe. BETE supplies nozzles to more than forty installations by the close of the decade.

- Continued to demonstrate market leadership by adapting to changes and supplying absorber nozzles in non-alloy materials such as polyurethane, Reaction Bonded Silicon Carbide (RBSC) and Silicon Nitride Bonded Silicon Carbide (SNBSC), and improved designs such as the BETE TH tangential hollow cone.

1990s

- Continued to build worldwide experience base, supplying nozzles to installations in over twenty nations in Europe and Southeast Asia.
- 1990-1993 Supplied over 9000 SiC absorber nozzles to the UK's 4000 MW Drax Power Station, the largest FGD installation in the world.

2000s

- Introduced the BETE DTH series, featuring a dual orifice tangential hollow cone nozzle, designed to satisfy both the retrofit and new scrubber market.
- Driven by the desire to satisfy customer requirements and allow for flexibility in installation, BETE offers a variety of connection styles from traditional flanged to direct-bonded and Victaulic.™
- In addition to engineered absorber nozzles, BETE offers a wide range of products for all sections of a wet scrubber, from Quench (saturation) nozzles in Nickel Alloy C276 to polypropylene ME (Mist Eliminator) Wash nozzles.

2005

- More than 15,000 nozzles scheduled for delivery in China, supporting nearly 20,000 MW installed capacity.

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Ask us. We know cost-saving solutions.