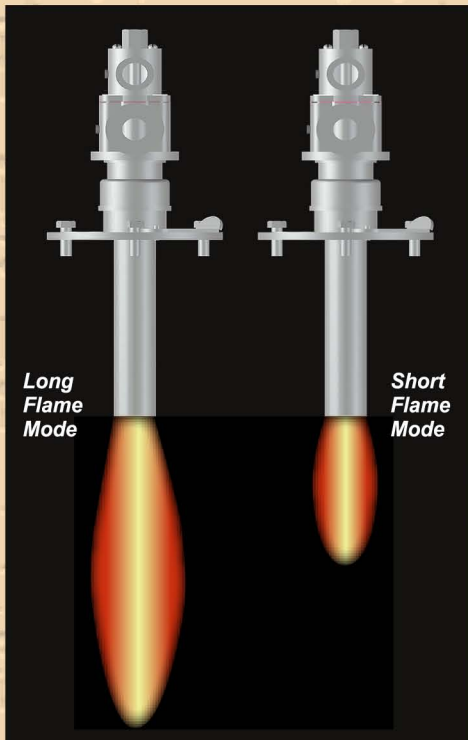


Proven Performance

in Fuel Savings and Brick Uniformity



North American's

VHPI

Variable Heat Pattern Injector

Hanson Brick
North Carolina, USA

Conversion of four, high heat zones of a top fired kiln, 14 feet wide, 57MMSBE/yr from conventional injector burners to North American's VHPI.

First zone installed September 2004. Three additional zones completed August 2005.

RETROFIT INCLUDED

- 72 VHPI burners and additional air manifolds
- Existing controls were retained with dynamic control added
- Retrofit was done on the fly. No disruption to existing operations

RESULTS

- 9% fuel savings
- Improvement in brick uniformity
- Continued successful burner performance for over a year

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www.namfg.com



North American
Manufacturing Company