



**Heil NOx scrubbers, Covers and Duct** designed to meet stringent requirements

CUSTOMER: Stainless steel manufacturer  
LOCATION: Taiwan  
PROCESS SOURCE: Stainless steel pickling using mixed acid  
TANK COVERS: Low leakage, dual laminate  
APPLICATION: Nitric Oxides (NOx) and acids  
REMOVAL EFFICIENCY: 97% total NOx, no visible stack emissions, and 99.9% free acids

- These tank covers have a glass backed polypropylene inner laminate bonded to an FRP structural laminate for temperature stability and structural integrity. The low leakage cover design allows the complete pickle line to be exhausted with less than 8,000 CFM. The low airflow yields considerable savings, as three separate scrubbing stages were required to meet the air emission limits in Taiwan.
- The Heil system also includes Heil Model 730 packed bed scrubbers, Heil Model HCB fan, interconnecting ductwork, stack, and complete system controls and instrumentation.
- A variety of scrubber types, arrangements, and scrubber chemistry can be used to treat NOx and associated acid gases. Contact Heil for specific recommendations based on operating and emission requirements.