



# HENNIGAN ENGINEERING

**CONDENSER/HX TUBE CLEANING**

**PIPE AND TANK CLEANING**

**HELIUM LEAK DETECTION**

**SURFACE PREPARATION  
AND COATINGS**

**VIDEO INSPECTION SERVICES**

**DECONTAMINATION SERVICES**

**HYDRO DEMOLITION**

**WATER INTRUSION CONTROL**

*Visit our website for a complete  
listing of services.*



NUCLEAR

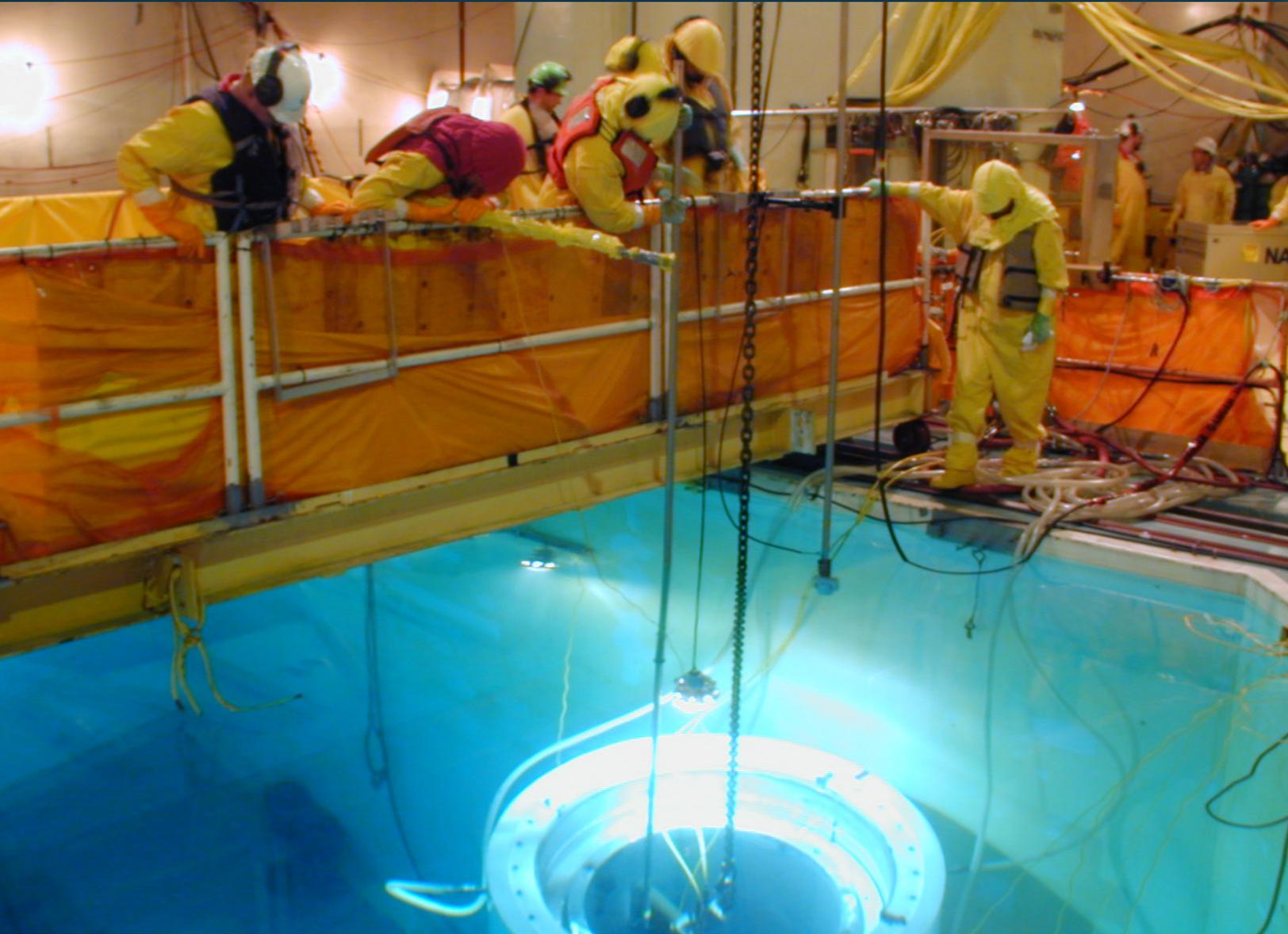
FOSSIL

INDUSTRIAL

CONSTRUCTION

MARINE

**Hennigan Engineering** has been providing services to the Nuclear and Fossil power industry for over fifty years and **Safety is our #1 focus** at the corporate and staff level. Our corporate dedication to safety is equally shared by our employees and we believe it is this partnership that has enabled Hennigan Engineering to establish one of **the best safety records in our industry.**



**Hennigan Engineering** has the resources to respond immediately to our clients, anywhere in the world, in an efficient and cost effective manner. Teamwork within our firm's operation and also with our client's operation is, and always has been, the underlying reason for our firm's success. Whether preparing for planned outages or responding to emergency situations or emergent work, our strategy includes thoughtful preparation focusing on planning, schedules, budgets and safety in an effort to complete every project **above and beyond our client's expectations.**

## CONDENSER/HEAT EXCHANGER CLEANING

### The Right Tool

Hennigan uses the right tool for the job. Whether it's high pressure water jet, chemical cleaning or nylon, plastic or metal scraper cleaning; we have the right equipment and qualified personnel to specify and implement the most effective tube cleaning option.

We can remove any fouling material to base metal without damage to tubes.



*"Hennigan Engineering was brought in to demonstrate their "Hydrolasing" technique. Their process worked better than we expected and cleaned the condenser tubes to an almost new semblance. They worked well with our personnel, and cleaned our condenser with the unit still on line so we did not have to suffer a full derating."*





## LEAK DETECTION SERVICES

Condenser Air-Inleakage  
Condenser/HX Tube Leak Detection  
Pipe & Tank Testing  
Component & Vessel Testing

Helium Leak Detection has become the standard method for identifying condenser air-inleakage and condenser tube leaks. With the ability to “pinpoint” leakage it takes the guess work out of the older methods such as using smoke, shaving cream and ultrasonic guns. This results in the ability to quickly make repairs creating faster turnarounds for the facility. Inspections are normally conducted on a preventative basis or during an emergency.

*“Each member of your crew was genuinely concerned about each and every tube. They understood the scope of the cleaning, the importance of following the cleaning plan and did it with a degree of professionalism that was truly refreshing.”*



The **Tunnel Vision Division of Hennigan Engineering** provides pipe infrastructure video inspections and cleaning services as well as water intrusion repair services. This division has a variety of sophisticated robotic and specialized cameras to perform inspections as well as state-of-the-art utility pipe cleaning equipment.

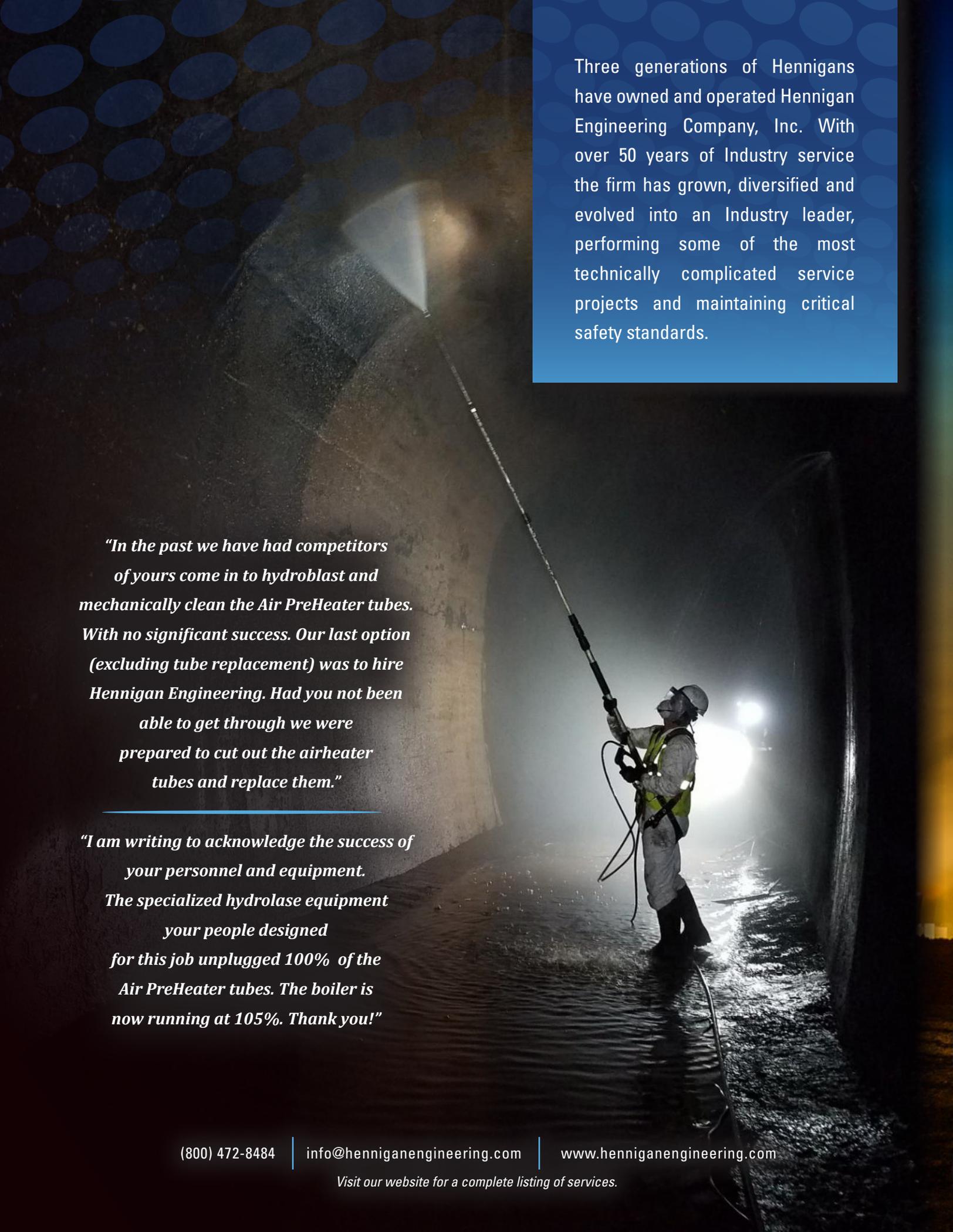


Hennigan Engineering's affiliate, **Heat Exchanger Products Corporation** supplies specialty condenser and heat exchanger products to the Energy Industry World Wide. With an emphasis on non damaging products to help maintain the longevity of condensers and heat exchangers.

*"Your crew was perhaps one of the most motivated and well informed contractors of which has been my pleasure to work with."*

Condenser/HX Tube Plugs  
High Pressure Plugs  
Custom Tube Plug Solutions  
Test/Leak Detection Plugs

**HEPCO**  
HEAT EXCHANGER  
PRODUCTS CORPORATION



Three generations of Hennigans have owned and operated Hennigan Engineering Company, Inc. With over 50 years of Industry service the firm has grown, diversified and evolved into an Industry leader, performing some of the most technically complicated service projects and maintaining critical safety standards.

*"In the past we have had competitors of yours come in to hydroblast and mechanically clean the Air PreHeater tubes. With no significant success. Our last option (excluding tube replacement) was to hire Hennigan Engineering. Had you not been able to get through we were prepared to cut out the airheater tubes and replace them."*

*"I am writing to acknowledge the success of your personnel and equipment. The specialized hydrolase equipment your people designed for this job unplugged 100% of the Air PreHeater tubes. The boiler is now running at 105%. Thank you!"*

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www.henniganengineering.com

Visit our website for a complete listing of services.