



## CURRAN CLEAN GRIT BLASTING

### Eliminate Stubborn Scale & Deposits

Curran's patented dry abrasive tube cleaning outperforms traditional hydro blasting methods and scrapers/darts by eliminating the need for water, prevents rework, and delivers superior inspection data.

Our cleaning offers unparalleled predictability and efficiency. Typical applications include fin fans, heat exchangers, condensers, and boilers (SRU Units).

## Why Choose Us



### Safely providing TA Services for 30+ Years

Safety is our top priority. We meticulously inspect all utilized equipment. All hose connections use whip check safety devices. Our stringent safety measures ensure reliable and efficient service on every job. Industry leading EMR.

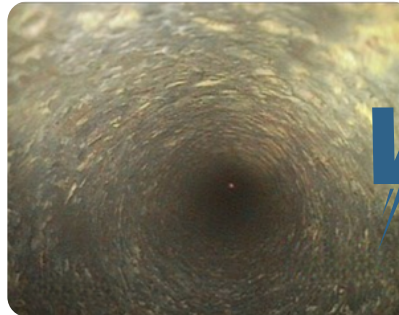


### Old Way vs New Way

Traditional cleaning methods (Hydro Blasting / Darts / Scrapers) requires rework and water management, leading to inconsistent results. Curran's method eliminates these issues, providing a more effective and efficient solution to NDE Cleaning.

### Before & After On The Same Tube

Hydroblasted



1 min Grit Blasted



"Get White Metal/IRIS Clean"

## The Curran Grit Blasting Advantage



### No Rework Needed

Our grit blast cleaning ensures precise, efficient inspections with no need for additional cleaning, saving time and resources.



### No Water Needed

Curran's patented nozzles deliver a high-velocity dry abrasive blast along the entire tube ID, ensuring effective cleaning without water management.



### Precise Inspection Data

Curran's grit blast cleaning method allows for accurate, high-integrity NDE data acquisition, minimizing maintenance impacts.



### Global Capabilities

Curran International has full-service shops in 6 locations around the world: USA, Canada, Netherlands, Saudi Arabia, India, and Singapore. Our field crews have international capabilities.



### In-Situ Flexibility

We can do in-situ cleaning during TAs and maintenance outages. Our ability to move equipment between units allows us to maintain schedule, keeping us ahead of inspections.

## Predictable & Faster Inspections



### Predictable Cleaning Times

Curran crews establish precise per tube cleaning times during the first shift, ensuring consistent and reliable performance.



### Faster Inspection Times

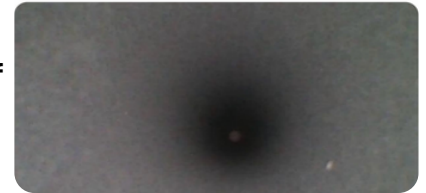
By eliminating the need for rework, our grit blasting service reduces downtime and accelerates inspection processes.

### Carbon Steel Cooling Water Exchanger

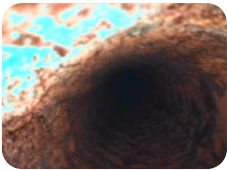
Top image is before Curran Grit Blast.



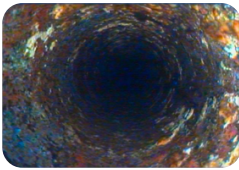
Bottom image shows the tube ID after 2 minutes of Curran Grit Blast for IRIS level inspection.



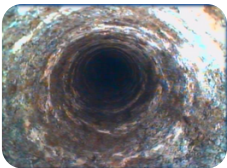
## Grit Blasting Vs Scrapers, Darts, Bullets



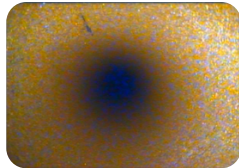
Condenser Tube Before



Tube After Nylon Brush



Condenser Tube After Metal Scraper



Condenser Tube After Curran Grit Blast



### Unmatched Cleaning

Our Grit Blasting removes hard deposits more effectively than mechanical methods like scrapers, darts, and bullets. Ensuring thorough cleaning and exposing the tube wall for better heat transfer and inspection results.



## Typical Applications

Shell & Tube  
Heat Exchangers:  
Straight & U-tube

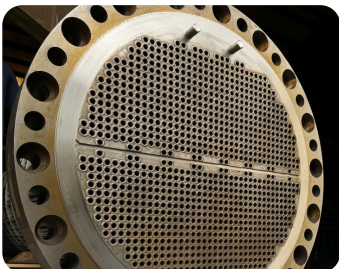
Fin Fans

Condensers

Boilers

Coolers

SRU Units





## Your Next Steps

### Step 1

Contact Us

Reach out to our team for a free consultation and proposal.

Phone: 281-339-9993  
Email: [sales@curranintl.com](mailto:sales@curranintl.com)  
Website: [www.curranintl.com](http://www.curranintl.com)

### Step 2

Send Drawings

Provide us with detailed drawings of each piece of equipment you would like cleaned, including the level of inspection you require for each unit and the percentage of tubes required.

### Step 3

Receive Proposal

Get your detailed, tailored proposal outlining the estimated schedule, division of responsibilities, and cost for your project.

### Step 4

Execute Project

Approve the proposal and let our experienced team handle the rest, ensuring a high-quality finish and timely completion.

## Some Of Our Clients



ExxonMobil



MOtIVA

aramco



سابك  
sabic

## Reach Out Today To Learn More

"Discipline to  
procedure & Safety  
is our top priority."

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