

Emergency Turbomachinery Repair: Cutting Downtime When It Matters Most



Precision cylindrical grinding of a turbine rotor can achieve OEM dimensional tolerances and surface finish.

When critical turbomachinery fails and OEM lead times stretch into months, every day of downtime can cost thousands or more. Over the past [75 years](#), HFW Industries has established itself as a trusted partner for industrial operators, helping [power generation](#), [oil & gas](#), [chemical processors](#), and other critical industrial companies restore equipment fast.

Even when severe winter storms impact much of the country, critical infrastructure doesn't get a snow day. That's why HFW Industries has built our operation around a **core principle: keeping critical equipment running longer.**

When Emergency Turbomachinery Repairs Can't Wait

Case in point: A power generation OEM called mid-August with an urgent problem. A turbine component originally scheduled for September 21st was now needed by September 8th—13 days earlier. His customer was desperate, and options were running out.

We moved up the entire production schedule forward to deliver on the 8th. In the end, **we shipped a week earlier than the already-expedited date**, helping the OEM be the hero for its customer, a large oil refinery.

Turnkey Solutions That Reduce Downtime

Whether there is a storm or not, here's how we help reliability and maintenance teams stay ahead of the curve:

- [Turnkey after-market solutions](#) – machining, thermal spray coatings, hardfacing, grinding, and inspection in one facility
- [Advanced coatings like HFW 512](#) – engineered to extend service life up to 30x and reduce wear in extreme environments
- [Tolerances as tight as .0002"](#) – ensuring precision and reliability before equipment goes back into service
- **Emergency response capability** – because unplanned outages don't follow a calendar



Precision Manufacturing for Power Gen and Oil & Gas

Whether you're managing turbine shafts, seal housings, or balance pistons, our engineering team works with you to develop solutions that reduce downtime, extend equipment life, and keep operations running longer and more reliably.


For decades, we've supported [power generation](#), [oil & gas](#), [turbomachinery](#), [chemical processing](#), and other mission-critical industries across North America and beyond, through summer heat, winter storms, and everything in between.

When the forecast says "extreme weather," your equipment still needs to perform. HFW provides the turnkey repair services to make sure that it does.

Contact HFW for Emergency Turbomachinery Repair

Need to discuss a component rebuild, coating application, or emergency repair? [Connect with our engineering team](#) today to get a customized solution for your emergency needs.

 RFQ@hfwindustries.com

 [\(716\) 875-3380](tel:(716)875-3380)

Additional Technical Resources for Turbomachinery Teams

[Sign up for our newsletter](#) and explore these resources from our Knowledge Base:

- [How Does HFW Serve the Turbomachinery Industry?](#) — Learn about HFW's one-source repair and manufacturing strategy for turbines, rotors, and other turbomachinery equipment
- [How HFW Extends Equipment Life](#) — Real-world example of innovation in action: 30x increase in service life for a chemical client
- [Reducing Assembly Time by 75% at 1/3 the Cost](#) — Learn how HFW's one-source strategy can streamline our customer's processes and rein in costs
- [Overview of Thermal Spray Coatings: HVOF & Tungsten Carbide](#) — Why these materials are key to high-performance surface protection
- [Precision Grinding at HFW](#) — A look inside our plant, detailing HFW's precision finishing capabilities and CNC grinding
- [What are HFW's Hardfacing Capabilities?](#) — Explore how HFW's hardfacing expertise restores industrial equipment with proven weld procedures and precision inspection