



ICCI E⁴ Precommissioning Cleaning Services:
EXPERT. EXPERIENCED. EFFICIENT. EFFECTIVE.

LOW DECIBLOWSM ADVANCED STEAM BLOW SERVICES

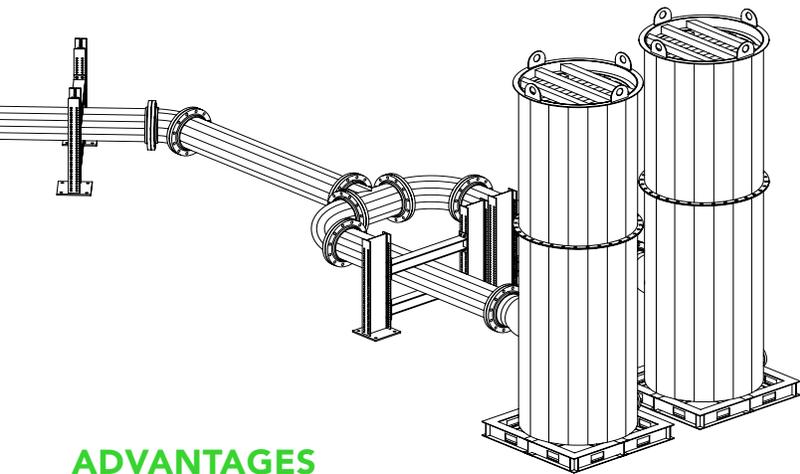


PERFORM HIGH-EFFICIENCY STEAM BLOW OPERATIONS AT ANY TIME OF DAY OR NIGHT

ICCI Low Deciblow advanced steam blow services protect workers, neighboring communities, and businesses from high-decibel noise that ordinary steam-blow methods create. By limiting the noise level, steam blow operations can be conducted at any time of day or night.

APPLICATIONS

- New-build steam systems and additions to existing systems.
- Industrial steam users such as refineries, petrochemical plants, power plants.
- Small power plants (often located in large public buildings such as hospitals and schools).
- Marine vessels with steam systems large enough to require steam blows for cleaning.
- Where rotating equipment is present. Cleanliness specifications are much more stringent, and testing is essential for proving successful results.



ADVANTAGES

Low-noise, high-rate dry venting. High flow rates can be exhausted with low noise. Larger units can easily handle more than 850,000 lb/hr. At approximately 75 ft, the sound level is under 80 dB. Nearby work can continue safely during the operation.

Traceable, high-quality piping. ICCI meets or exceeds the highest standards for temporary steam piping. All temporary pipe spools fabricated for ICCI use are fabricated to ASME B31.3; purchased with Material Test Reports; welded with a third-party verified weld map; and tracked by our unique, attached tagging system.

Quick-Deploy All-Metal Adjustable Supports. Our 100% fireproof supports allow us to assemble and use temporary piping faster, with more flexibility.

Quick-Deploy Quench Water Injection System. Install and remove hoses, valves, and connection points onto temporary piping quickly, easily, and with fewer resources.

Pneumatic high-quality target inserters. Test steam-blow cleanliness reliably and efficiently. Testing can be done on all pipe diameters. Our system simplifies target insertion and removal, and eliminates sticking risk.

Five sizes of wet and dry steam venting units. ICCI's fleet gives us greater flexibility on large projects. We can provide top-hat, wet and dry units, up to the industry's largest capacities. ICCI's large fleet means we can provide enough equipment to minimize temporary, point-to-point equipment moves.

Custom spool fabrication, with short lead times. For common applications, we have the required pipe in inventory. But, if a special length or configuration is needed, our experienced team can quickly produce it. If plans change at critical times, this flexibility can save you time and money.

ADDITIONAL INFORMATION

Low Deciblow operations typically involve targeted and non-targeted service blows, from various points. ICCI experts provide detailed engineering and operational support required to achieve safe, clean, high-velocity flushing.

Water injection devices in the temporary pipe controls exiting steam temperature. Steam is allowed to expand into larger pipe, which decelerates it before reaching the atmospheric vent exit units. This reduces noise to low levels; typically, less than 80 dB at 75 ft from the atmospheric vent, and no more than 65 dB at plant boundary lines. Atmospheric vent exit units retain debris and divert the steam safely, while remaining effluent, in the form of water, is typically diverted to a nearby sump or drain.

Choosing ICCI E⁴ Low Deciblow advanced steam blow services is your best assurance of an efficient, effective, on-schedule, steam-blow. Contact us today for more information and to schedule a successful project.



Before



After



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Precommissioning Cleaning Done Right