

# NOZZLES



**ROCHEM**  
TECHNICAL SERVICES  
Established in 1978

## GAS TURBINE COMPRESSOR CLEANING NOZZLES

# GAS TURBINE NOZZLE SYSTEMS

For all gas turbine engines in the range of 0.5 – 250MW output



### PRODUCT DESCRIPTION

Rochem designs and manufactures nozzle and manifold systems for cleaning the compressor on industrial and aero derivative Gas Turbines.

The nozzles are ready to install in place of existing nozzles as a retrofit or can be fitted on site by our qualified engineers.

Using proven and patented technology the Rochem nozzles are the ultimate in on-line and off-line compressor cleaning delivering a highly atomised cleaning solution into the air stream.

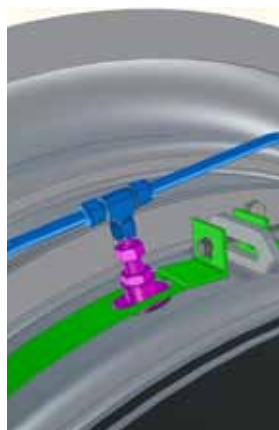
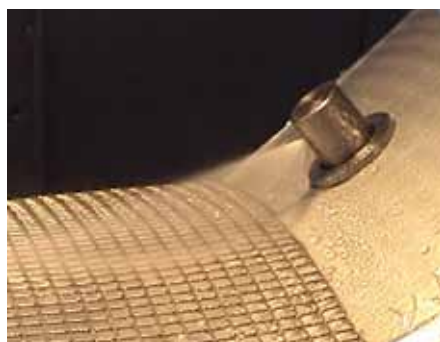
Rochem's unrivalled expertise in the design and manufacture of compressor cleaning systems means that the engine is cleaned in the most efficient and cost effective way ensuring excellent recovery of lost power output.

Every Rochem nozzle is backed by a comprehensive insurance policy, afforded as there has never been a single nozzle failure.



Every dual side spray nozzle is fully tested for correct flow and spray pattern before leaving the factory.

Rochem is a certified ISO9001:2008 manufacturer



### STANDARD FEATURES

- Designed and manufactured in-house by Rochem
- Manufactured from high quality materials
- Fully tested and proven design
- Patented nozzle technology
- Almost every engine type covered
- Highly atomised spray pattern to ensure no erosion is caused
- More facial coverage of inlet
- 100% safety & reliability record
- Third party liability insurance
- Certificate of Conformity
- Simple to install and maintain
- Suited to both on-line and off-line compressor cleaning

### OPTIONAL FEATURES

- Retrofit & OEM Nozzle design
- Duplex materials available
- Custom & Bespoke design



## ROCHEM Product Range

### BP RANGE

Batch pump system for on-line/off-line compressor cleaning  
BP 100 – 1500 gas turbine engines  
For engines in the range of 0.5 – 250MW output

### OW1 & OW2

Observation Windows for all gas turbine engines

### VIP RANGE

For on-line/on-crank compressor cleaning of engines  
in the range of 0.5 – 250MW output

### ED RANGE

Pump eductor system for on-line/off-line compressor cleaning  
ED 300 – 1500 gas turbine engines  
For engines in the range of 0.5 – 250MW output

### NOZZLES

Gas turbine compressor cleaning nozzles  
Dual and Triple Side Spray Nozzle for all gas turbine engines  
For engines in the range of 0.5 – 250MW output

### TRIPLE STAGE FILTERS (TSF)

Filters for on-line & off-line compressor cleaning system nozzles  
For Rochem nozzle systems (and many other in-line filtration applications)

### PC RANGE

Process compressor cleaning systems

### FYREWASH® F1

A high purity solvent & surfactant formulation for heavy duty  
on & off-line compressor cleaning

### FYREWASH® F2

Highly biodegradable natural solvent for on-line  
and off-line compressor cleaning

### FYREWASH® F3

Highly biodegradable water-based detergent for on-line  
and off-line cleaning of compressors

### FYREWASH® F3RR

Developed specially to meet the needs of and clean Rolls Royce  
gas turbine compressors.

### FYREWASH® SB

The original heavy duty on-line and off-line cleaner  
for gas turbine compressors

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