

Engine Compressor Washing Rig

CAPABILITY SHEET - WASH CARTS, SPRAY RINGS, METERING AND EFFLUENT SYSTEMS - ENGINEERED TO ORDER

THE SYSTEM

WHAT	Gas-path washing rigs for gas-turbine compressors - mobile carts and fixed systems with engine-specific spray rings, metering and logging.
OUR ROLE	Rig, tanks, pumps, metering, heater, fit kits and blanking sets, effluent capture, winterisation, controls, commissioning, training, AMC.
STATUS	Quoted against successive air force requirements for LP/HP compressor washing rigs; no delivered compressor wash rig is claimed.

THE GOVERNING IDEA

WASH THE PERFORMANCE BACK	Fouling is dirt, not damage - most of the lost EGT margin and fuel burn is recoverable, and the rig recovers it on record.
THE RIG'S HONESTY IS THE WATER'S	Water redeposits solids and carries salts to the hot section - demineralised stock, conductivity metered and logged.
ENGINE-SPECIFIC BY KIT	Spray rings matched to intakes, droplet-selected nozzles, blanking caps for every probe and bleed - a checklist, not luck.

THE MACHINE

TANKS + METERING	Stainless demineralised and cleaner tanks; flow, volume, temperature and conductivity metered on every cycle.
THE CYCLE	Motor on the starter - turning, never lit - then soak, then rinse cycles to a conductivity endpoint, then the dry-out run.
HEAT + EFFLUENT	Inline heater for cold mornings and better chemistry; effluent captured at the drains and disposed of by the rules.

DISTINCT & HONEST

THE SPLIT	The helicopter washing rig cleans the airframe; this rig cleans the engine's gas path - the performance, not the shine.
PROOF ON RECORD	EGT margin and fuel flow before versus after, logged per engine serial - the graph that justifies the wash interval.
ENGAGEMENT	Send the engine types, climate and wash schedules to sales@neometrixgroup.com for a compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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