Elliott YR Common Features & Upgrades

Engineering expertise, rugged design, and precision manufacturing come together in Elliott YR steam turbines for years of continued service. These powerful workhorses provide exceptional value and performance in a broad range of mechanical and power generation applications, around the clock and around the globe, in environments of every extreme.

> **Pressure lubrication system** improves bearing protection

Elliott bearing isolators maximize oil purity and bearing life

Improved aerodynamic blade profiles increase performance while

reducing steam consumption

Blade tip seals increase performance while reducing steam consumption

Shaft packing seals reduce steam leakage

> **Insulation jackets** protect operators from high-temperature components

> > **Bearing temperature &** vibration instrumentation detects early problems

> > > **Thrust & liner bearings** increase service life

Electronic overspeed trip system increases accuracy and repeatability

Direct-connect pneumatic trip system maximizes trip system reliability

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Microswitch provides remote indication of operating status

Remote trip solenoid initiates trip function from many variables

Governor valve stem packing decreases leakage

Nozzle ring optimizes performance

tomated hand valves)

reduce steam consumption at reduced loads

Trip body allows for easier

trip speed

adjustment

provides local speed indication and more precise speed adjustment

Governor mechanical or electrical) allows for more precise speed control

Hand valves (or

EBARA CORPORATION







Self-locating rotor with no fitting or clearance adjustment required.



Easy-to-inspect and replace liner-type bearings and shaft seals.



Steam strainer prohibits foreign objects.



Elliott bearing isolators increase bearing life by reducing oil contamination.

