



## STEAM TURBINES

### TURNKEY INSPECTIONS

For more than a quarter of a century, TGM has performed turn-key inspections on steam turbine generators for most OEM manufacturers. TGM provides total turn-key outage performance including technical direction, project management & coordination, supervision, labor, tooling, repairs, parts sourcing, and start-up support. We service the entire turbine generator unit: controls, auxiliaries, gearboxes and generator as well as steam path components.

### SYSTEM IMPROVEMENTS

TGM can also provide systems expertise and remanufacturing capabilities to improve your steam turbine's efficiency. These efficiency improvements can be realized through re-engineering the turbine components including the inlet system, seals, diaphragms and buckets.

### INSPECTIONS AND REPAIRS PROVIDED

- Borescope
- Valve & Bearing
- Minor Overhaul
- Major Overhaul
- Forced Outage
- Multi-Year Service Agreements
- Engineering Consulting
- Reverse Engineering
- Unit Installation / Relocation

### INSPECTION + ASSESSMENT

A TGM inspection is more than a typical open, clean, and close project. Our proposal will include all of the work implicit to your statement of work to achieve a comprehensive inspection, minimizing change order surprises.



### UNITS SERVICED

- |                        |                     |
|------------------------|---------------------|
| • ABB & ABB VAX        | • Mitsubishi        |
| • Allis Chalmers       | • Murray            |
| • Alstom               | • NG                |
| • Ansaldo              | • Parsons           |
| • BBC                  | • Peter Brotherhood |
| • DeLaval              | • Shin Nippon       |
| • Dresser-Rand         | • Siemens           |
| • Elliott              | • Stal Laval        |
| • Fairbanks Morse      | • Terry             |
| • Franco Tosi          | • Thermodyne        |
| • GEC                  | • Toshiba           |
| • General Electric     | • Turbodyne         |
| • Metropolitan Vickers | • Westinghouse      |

### ONE YEAR WARRANTY TGM & TGM SUBCONTRACTORS

It's simple: TGM is so confident in our quality that we can offer a one year warranty of our work, including work performed by our TGM contracted suppliers. This means that if you suspect a deficiency in our work after

your outage, we will come out to investigate, without the need to issue a new purchase order. If we find that the problem is our responsibility, we will immediately mobilize all resources necessary to correct the problem, at no cost to you for labor or parts on the deficient work.

### SAFETY, QUALITY, PRODUCTION – IN THAT ORDER!

It's not just a motto, it's an attitude: Safety, Quality, Production – in that Order! Every TGM employee is laser focused on delivering all three benefits on every job.

### SHOP WORK

If turnaround time is a critical factor in your outage, then TGM can perform most machining and rotor repairs, using specialized portable equipment, at your facility. We can also utilize experienced rotor, steam path, and valve shop facilities to perform your repair work at a qualified off-site location. We will work with you during the pre-outage planning process to determine which option is right for you.

24/7 RESPONSE

**800-226-7557**