

Rotor Inspection Services in Thailand



AMC shop floor.

Elliott Group and Asia Motor Service Center Company (AMC) have teamed up to provide turbomachinery rotor inspection services in Thailand. Elliott and AMC will leverage their combined resources and capabilities to become the qualified local service provider for rotor inspection and service in Thailand.

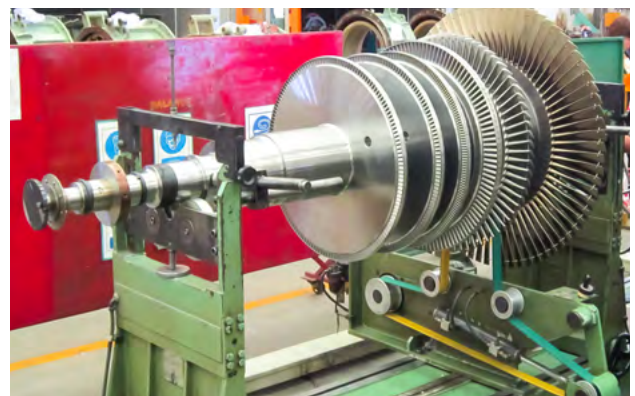
Benefits of the Collaboration

The collaboration between Elliott Group and AMC will allow customers to receive API 687 Phase 1 rotor inspections, inclusive of dynamic balancing, locally within Thailand. It will drastically shorten the required inspection lead time and eliminate the high logistical costs associated with going outside the local area for these services.

Elliott Group has been involved in the design, manufacture, and service of critical turbomachinery for over 100 years for companies around the world. AMC is a leading repair and maintenance company, with an ISO 9001:2015 certified facility strategically located in Pathum Thani province, which is in close proximity to many end users. AMC technicians will conduct the inspections under the strict supervision of qualified Elliott engineers, who will ensure full compliance with API standards.



Ultrasonic inspection.



AMC dynamic balancing equipment.



Magnetic particle inspection.



AMC workshop in Pathum Thani province.

Inspection Scope of Work

The recommended API 687 initial inspection scope of work includes:

- ♦ Receive and unload the rotor from wooden box/rotor container.
- ♦ Unpack the rotor from wooden box//rotor container.
- ♦ Blast clean the rotor.
- ♦ Visually inspect the rotor.
- ♦ Check dimension and concentricity of the rotor.
- ♦ Perform magnetic particle inspection of the rotor and demagnetize.
- ♦ Conduct electric runout check of rotor probe detecting areas.
- ♦ Check low-speed dynamic balance.
- ♦ Submit initial inspection report and recommend additional repair work, if required.

Non-Elliott Inspection Experience

Elliott services all types of turbomachinery, including the following manufacturers whose equipment we have repaired:

- | | |
|-----------------|-----------------|
| ♦ AC | ♦ Kobelco |
| ♦ AEG Kanis | ♦ Man GHH |
| ♦ Coppus | ♦ MHI |
| ♦ Demag Delaval | ♦ Mitsui |
| ♦ Dresser Clark | ♦ Nuovo Pignone |
| ♦ Dresser-Rand | ♦ Shin Nippon |
| ♦ GE | ♦ Siemens |
| ♦ Hitachi | ♦ Sulzer |
| ♦ IHI | ♦ Terry |
| ♦ KHI | ♦ Thomassen |
| ♦ KK&K | |

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AMC equipment storage room.



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