

Reliability & Maintenance Services



PREDICTIVE MAINTENANCE (PdM)/ CONDITION MONITORING

Do you know whether your equipment will run tomorrow? Early detection allows for a planned and efficient repair response.

ATS Predictive Maintenance (PdM) and condition monitoring services allow you to know precisely what equipment repairs are required and when servicing is necessary. Unplanned downtime is virtually eliminated from daily operation. This means increased equipment availability, improved maintenance planning, reduced maintenance labor and reduced material cost. Our reliability engineers can also develop repair plans and recommendations.

Multiple test methods are employed to ensure that abnormal equipment conditions are detected and reported accurately. Test methods include:

Condition Assessment:

- Visual Indication
- Audible Noise
- Sensible Vibration
- Sensible Temperature

Condition Monitoring:

- Vibration Analysis
- Acoustic -> Ultrasonic
- Infrared

Field Balancing:

Field technicians can balance facility equipment onsite to reduce repair cost and maintenance downtime.





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PM/PdM PROGRAM DEVELOPMENT AND ASSESSMENT

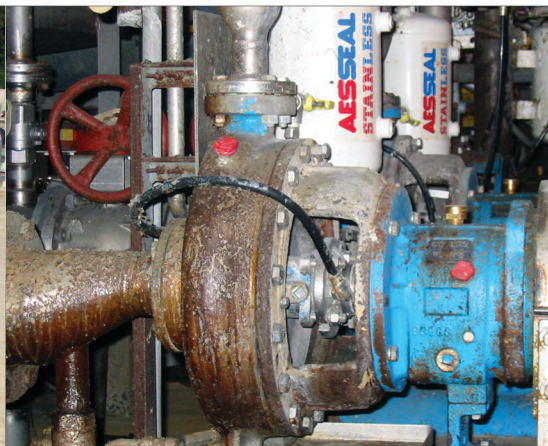
We evaluate all aspects of your programs, including equipment health, equipment criticality, efficiency, data analysis, procedures, alarms, training, troubleshooting methodologies, and reporting. Our consultants will provide detailed action plans with assessments that will guide you in improving your equipment reliability, technical knowledge, and implementation efficiency.

ADVANCED TROUBLESHOOTING AND FAILURE ELIMINATION

ATS will lead your organization to identify and eliminate causes of equipment failure. Our experienced personnel will conduct in depth field investigations to assess the conditions leading to failure. Field investigation combined with state-of-the-art laboratory failure analysis capabilities will yield quick and accurate results. ATS engineering staff will work with your organization to determine the most effective means of eliminating failure, ensuring safe and reliable operation.

PRACTICAL PLANT FAILURE ANALYSIS AND RELIABILITY TRAINING

EARN UP TO 24 PDH CREDITS! The 3-day course is instructed by Professional Engineers, includes hands-on examples of failed components and is designed for students with varying backgrounds. The course fosters learning and development by reaching a common understanding of the multiple causes that contribute to all failures. It also raises awareness of the prevailing nature of human error by applying these basic concepts to specific mechanical components and machinery types.



***We Take A
Closer Look!***

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