

ATMI BizDEC INTERNATIONAL

EMPOWERING VOCATIONAL EXCELLENCE

Industrial Maintenance
for Equipment Reliability

Industrial Maintenance Training Program

PM-040 | **Duration: 40 training hours**

Build practical skills to inspect, maintain and troubleshoot industrial equipment. Learn maintenance planning, mechanical and electrical systems, failure analysis and performance improvement to improve equipment reliability, safety and service life.

Program Objectives

- Apply industrial maintenance concepts and strategies
- Plan and schedule systematic maintenance
- Identify mechanical, drive and lubrication systems
- Analyze electrical components and wiring
- Perform basic mechanical and electrical troubleshooting
- Measure maintenance performance; apply OSH and 5R

Certification

- Training Completion Certificate
- Optional Competency Certificate subject to assessment



PRACTICAL SKILLS
BRIGHTER CAREERS

Training Material Structure

1 — Industrial Maintenance Fundamentals and Planning

10 hours

- Maintenance strategies
- Planning, scheduling and performance measurement



2 — Industrial Equipment Systems and Troubleshooting

24 hours

- Mechanical systems
- Drives and lubrication
- Electrical components and wiring
- Failure analysis and practice



3 — Maintenance Improvement, OSH and 5R

6 hours

- Evaluate maintenance performance
- Apply improvement, occupational safety and 5R



Information

Blended learning: theory, case studies, demonstrations and hands-on practice.

For maintenance technicians, machine operators and manufacturing vocational instructors.

Outputs

- Simple maintenance plan and checklist
- Machine inspection report
- Troubleshooting case report
- Basic maintenance demonstration

Advantages

- **Practical** inspection and troubleshooting
- Relevant industrial case studies
- Equipment reliability focus
- Safety and 5R integration

TRAINING CENTER ATMI - PT ATMI BizDEC

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Experienced and **Evolved**