

## AMT – Compressed Air System Self-Assessment Worksheet

Date:

Name: \_\_\_\_\_ Company / Facility: \_\_\_\_\_

Instructions: Rate your system from 1 (lowest) to 5 (best practice) for each question.

### Q1. Are your compressors oversized?

- 1 = Oversized, poor controls
- 2 = Basic controls, not efficient
- 3 = Adequate sizing, inconsistent controls
- 4 = Good sizing, generally efficient
- 5 = Optimized with VSDs/master controls

### Q2. How is your distribution system?

- 1 = Dead-end, high pressure drop
- 2 = Some loops, >10 psi drop
- 3 = Moderate design, some drop
- 4 = Loops, <5 psi drop
- 5 = Fully optimized, <3 psi drop

### Q3. Is your system optimized?

- 1 = High pressure, no storage
- 2 = Some attempts
- 3 = Storage used, partial optimization
- 4 = Pressure optimized, storage well-sized
- 5 = Fully optimized with controls + recovery

### Q4. How reliable is your air treatment?

- 1 = No treatment
- 2 = Minimal, frequent issues
- 3 = Some dryers/filters, poor upkeep
- 4 = Proper treatment, maintained
- 5 = ISO aligned, monitored regularly

### Q5. How well do you manage leaks?

- 1 = No program
- 2 = Fix obvious leaks only
- 3 = Annual survey, no follow-up
- 4 = Annual survey + repairs
- 5 = Continuous program (<10% leak rate)

**Q6. Do you monitor pressure, flow, and energy use regularly?**

- 1 = No monitoring
- 2 = Spot checks only
- 3 = Some logging, irregular
- 4 = Regular monitoring + benchmarking
- 5 = Continuous monitoring + KPIs improved

**Q7. Do you have a preventive maintenance program?**

- 1 = Reactive only
- 2 = Some preventive, inconsistent
- 3 = PM program, limited
- 4 = Strong PM, some predictive
- 5 = Full PM + predictive + operator role

**Q8. Do you evaluate lifecycle cost and use incentives?**

- 1 = No financials considered
- 2 = Simple payback sometimes
- 3 = Lifecycle cost occasional
- 4 = ROI + rebates usually included
- 5 = Full financial analysis + tracked savings

**Q9. Do you know your annual compressed air cost?**

- 1 = No idea of cost
- 2 = Aware but no data
- 3 = Some estimates
- 4 = Annual cost reported
- 5 = Tracked regularly, part of KPIs

**Q10. Is efficiency tied to culture and sustainability goals?**

- 1 = No link to sustainability
- 2 = Minimal awareness
- 3 = Some training or links
- 4 = Integrated into goals + staff aware
- 5 = Fully embedded in culture

**Total Score: \_\_\_\_\_ / 50**

40–50 = Best practice

25–39 = Moderate

Below 25 = High priority