SAS-AM

AI Readiness Checklist

Assess your organisation's foundations for AI-powered asset management

SCORING: 0-8 Foundation needed   9-16 Progressing   17-24 Ready to scale

1. DATA FOUNDATIONS

- [ ] Asset register is complete and validated
- [ ] Condition monitoring data flows reliably
- [ ] Maintenance history uses standard failure codes
- [ ] Data quality metrics are measured and reported
- [ ] Key systems (CMMS, SCADA, GIS) are integrated
- [ ] Historical data spans 3+ years for critical assets

2. USE CASE CLARITY

- [ ] Specific AI use cases identified (not just 'do AI')
- [ ] Use cases linked to measurable outcomes
- [ ] Priority use cases have executive sponsorship
- [ ] Success criteria defined before project starts
- [ ] Pilot scope is realistic and focused

3. ORGANISATIONAL CAPABILITY

- [ ] Data analysis skills available (internal/partner)
- [ ] Asset/reliability engineers are engaged
- [ ] IT/OT teams understand AI infrastructure needs
- [ ] Training plan exists for end users
- [ ] Leadership visibly supports AI initiatives
- [ ] Operations teams consulted on needs

4. GOVERNANCE & ETHICS

- [ ] Data privacy and security requirements understood
- [ ] AI decision boundaries defined (advisory vs auto)
- [ ] Model validation processes are planned
- [ ] Explainability requirements specified
- [ ] Cyber security posture supports AI deployment

5. TECHNOLOGY INFRASTRUCTURE

- [ ] Computing infrastructure supports AI workloads
- [ ] Network connectivity sufficient for data collection
- [ ] Integration paths exist to operational systems
- [ ] Edge computing available for remote assets

YOUR SCORE

● Data Foundations	___/6
● Use Case Clarity	___/5
● Organisational Capability	___/6
● Governance & Ethics	___/5
● Technology Infrastructure	___/4
TOTAL	**___/26**

NEXT STEPS

0-8: Focus on data foundations first

9-16: Identify your highest-value use case

17-26: Ready for a structured AI roadmap