

AT A GLANCE

- **Clear baseline:** More than 70 elements in five categories scored 0–10 against good practice
- **Whole-program view:** Processes, organization, culture, skills, and technology
- **Actionable plan:** Prioritized improvements, methodology, and a change-management plan
- **Industry good practice:** International Organization for Standardization (ISO) 55000, Institute of Nuclear Power Operations (INPO) AP-913, and Electric Power Research Institute (EPRI) guidance
- **Led by Cutsforth reliability experts:** 600+ combined years of reliability experience

The road to a managed reliability program

Strategy | **Assessment** | Planning | Implementation | Improvement

Program Assessment Scores your program against good practice and delivers a prioritized improvement plan

A Program Assessment is the next step after a Reliability Workshop. We measure your Asset Management (AM) and Equipment Reliability (ER) processes, organization, culture, and technology against good practice, then turn the gaps into an implementation and change-management plan presented to your Executive Steering Committee (ESC).

When does a Program Assessment make sense?

An assessment fits when you need evidence, a baseline, and a plan before you invest.

- Have you completed a Reliability Workshop and need a measured baseline?
- Do you need an objective view of where your ER program stands against good practice?
- Are you building a business case for an ER, Asset Performance Management (APM), or monitoring investment?
- Do you need a prioritized plan your executive team will sponsor?
- Are your maintenance, operations, and engineering teams working from different processes or metrics?
- Is your Predictive Maintenance (PdM) program not delivering the value you expected?

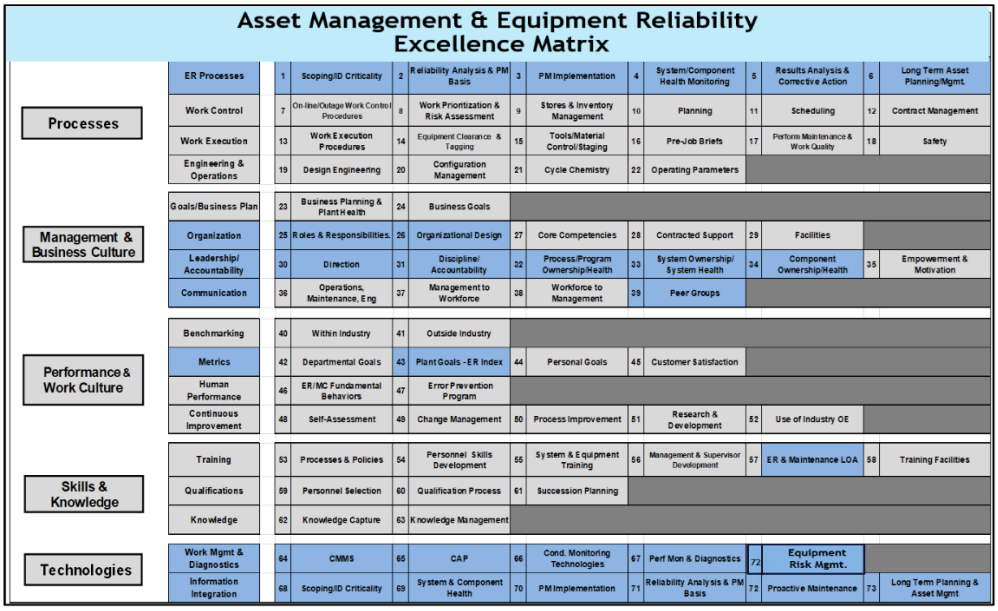
Assessment options for your program

After you meet with our team and share your goals, we recommend the option, or sequence, that fits.

Option	Focus	Typical use
Asset Management (AM) and Equipment Reliability (ER) Program Assessment	The full ER process, work management, organization, culture, and technology	A fleet or site improvement program
PdM Program Assessment	Condition reporting, metrics, business case, scheduling, and coordinator effectiveness. You receive a PdM spider chart and implementation and change-management plans.	Organizations with an existing PdM program
Program Coaching and Training	Ongoing coaching that helps your people close the gaps the assessment finds	The implementation phase, after an assessment or workshop

What we assess: the ER Excellence Matrix

We score more than 70 elements in five categories, each from 0 to 10 and color-coded, so you can see where practice is strong and where it falls short.



How the assessment runs

A typical assessment takes about five months, assuming we receive your information within 30 days of kickoff.

STEP 1
Information and data gathering
We collect your data.
REMOTE

STEP 2
Executive Steering Committee
We help you set up an ESC to sponsor the program.
REMOTE OR ON-SITE

STEP 3
Assessment
Kickoff, interviews, gap evaluation, and scoring.
ON-SITE

STEP 4
Implementation strategy
We present the plan to your ESC.
ON-SITE OR REMOTE

CUTSFORTH
CLARITY. CONFIDENCE. COMMAND.

Program Assessment Data Sheet

What you receive

- **Baseline of current practice:** Excellence Matrix scores and a process-by-process gap evaluation of criticality, preventive maintenance (PM), work management, condition-based maintenance (CBM), Monitoring and Diagnostics (M&D), planning, and risk
- **Technology findings:** APM software requirements, continuous online monitoring (COLM) opportunities, and a network, information technology (IT), and data-governance review
- **Rough-order-of-magnitude budgets** for the highest-priority improvements
- **Implementation strategy and deployment plan:** prioritized improvements, resources, change-management plan, and metrics

Program coaching and training after the assessment

- **Roadmap development:** a 3–5-year AM and ER roadmap
- **Leadership coaching and ESC governance:** charter, cadence, decisions
- **PM program coaching:** failure-mode-based PM basis
- **Organizational design:** roles and ownership
- **Change management:** sponsorship, communication, training
- **Metrics and benefits:** ER Index, Equivalent Forced Outage Rate (EFOR), avoided cost
- **On-demand advisory:** a block of hours for ad-hoc support

What we need from you

- Provide the data we request in step 1 within 30 days of kickoff: forced outage rate, capacity factor, availability, top-10 maintenance costs, operations and maintenance (O&M) and capital history, key performance indicators (KPIs), benchmark data, and an inventory of digital technologies and software.
- Establish an ESC to sponsor the program, with our help, and make stakeholders available for the kickoff and interviews.

Not included: detailed plant-level evaluations beyond the sampled scope, request-for-proposal templates and detailed vendor evaluations, and detailed change-management procedures. Pilot implementation requires a separate statement of work.

The Cutsforth Reliability Services Team

Consulting Services	System Implementation	Monitoring & Diagnostic Services

Cutsforth is one of the few companies that combines deep reliability consulting experience with multi-physics condition monitoring system expertise. Our reliability services team has decades of hands-on, plant-floor experience in equipment reliability and asset performance management.

We help industrial organizations define, plan, and implement ER and AM programs, establish M&D Centers, and apply continuous online monitoring. Our approach is consistent with ISO 55000 and with the good-practice ER process in INPO AP-913 and EPRI guidance.

CONSULTING AND PROGRAM SERVICES

- ER and AM program definition, planning, and implementation
- Asset criticality analysis (ACA), sensor gap analysis, and master equipment list foundational data services
- M&D Center assessment, set-up, and deployment

TECHNOLOGY AND MONITORING

- InsightCM condition monitoring software
- Multi-physics monitoring systems, including vibration, electrical signature analysis, electromagnetic interference monitoring, thermography, and more
- Monitoring and Diagnostic services with industry-veteran subject-matter experts in condition monitoring

Start with a scoping conversation

We start by listening to your goals, then scope the assessment option that fits your program.

Request a Program Assessment scoping conversation

Contact your Cutsforth representative or visit cutsforth.com.