

Asset Life Extension Checklist

ORGANIZATIONAL FACTORS

- Roles and responsibilities should be clearly defined and communicated.
- Designate Technical Authorities (TA) as source of technical expertise in discipline areas.
- Design and encourage communication between different personnel for cross-functional coordination. For example: TA with senior leadership for technical matters potentially affecting business operations.
- Identify all sensitive positions related to ALE management, such as Technical Authorities, and have clear succession procedures in place.

PLANNING AND IMPLEMENTATION

- Have a long term plan. Begin planning life extension goals long before an asset is intended to operate beyond its original lifespan period.
- Perform a systematic assessment of performance for equipment with life extension goals.
- Uncover possible asset life extension issues through a gap analysis.
- Develop scope for asset life extension. The ALE scope will make clear recommendations and describe when activities should be scheduled.
- Assess the costs and benefits for ALE implementation.
- Maintain asset register in your CMMS/EAM to accurately record the changing conditions of assets.
- Execute maintenance and inspections according to detailed work plans and instructions.
- Periodically review inspection and maintenance planning and make adjustments as needed.

MONITORING, AUDIT, & REVIEW

- Monitor performance against KPIs to evaluate objective success or recognize and improve areas of deterioration.
- Audit for compliance with ALE process documentation.
- Review monitoring and audit activities to track progress and correct areas needing improvement.