

ABOUT

Develop maintenance strategies utilizing Reliability-centered maintenance (RCM) principles.
 Provide training on Reliability and Asset Management essentials.
 Support development of Engineering procedures and standards.
 Provide support and guidance on strategies for the implementation of Industry 4.0 technologies.
 Develop effective equipment Bill of Materials (BOM), balancing risk, cost and performance.
 Provide guidance on building cross functional relationship synergies.

ALLEN ACTIVITIES

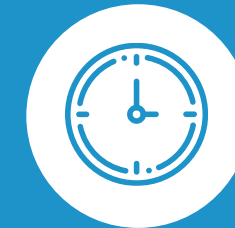
- Creating system and equipment maintenance task lists.
- Assembling effective equipment bill of materials (EBOM)
- Facilitating Reliability FMECA's and Preventive Maintenance Optimization exercises.
- Developing Project Specific Procedures (PSP)
- Research and investigate providers of Predictive Maintenance technologies suitable for an Industry 4.0 implementation.
- Provide expert guidance on 3D accessibility assessments.

STANDARDS & TOOLS

ISO 55000 Asset Management
 ISO 14224 Collection and exchange of reliability and maintenance data for equipment
 ISO 31000 Risk management
 ISPE GPG - Maintenance
 ISPE GPG – Applied risk management for commissioning and qualification
 ICH Q9 Quality Risk Management
 RCM II Reliability-centered maintenance



1 Engineer



Since 2018



Toronto (Canada)



Time&Material

ALLEN ADDED VALUE

- ▶ Maintenance programs created using Reliability principles.
- ▶ Maintenance teams will be coached on failure elimination theory, methods and techniques.
- ▶ Standard approach to Maintenance activities.
- ▶ Prepared for the introduction of Industry 4.0 technologies and ways of working.
- ▶ 30+ years of Pharmaceutical engineering experience.