



Course title	APPLIED RELIABILITY IMPROVEMENT	
Course overview	Your Key benefits; our learnings objectives	
<p>Increase Maintenance and Reliability Excellence and Operational Cost Benefits</p> <p>Use highly successful methods, practices and processes to deliver great work productivity, outstanding equipment reliability, and utmost availability with failure free operation and high quality production. This course is packed with practical reliability engineering insights and powerful maintenance improvement techniques to use in the workplace. The 5-day training course in ‘Increased Maintenance and Reliability Excellence’ is for people who want to lift the efficiency, productivity and output of their operating assets with successful reliability and maintenance excellence methods. The course is a great coverage of the practical aspects of using reliability engineering concepts in the workplace to lift plant uptime, and of using best-practice work process management to make your maintenance effort highly efficient. There is little mathematics but there are lots of practicable reliability improvement methods to use. The content gives you new understandings of reliability and maintenance management to apply and improve your maintenance results and to get better production plant performance. There is no university level reliability engineering content in the course, yet it gives you good reliability engineering principles to use to lift the performance of your operating plant and equipment and your maintenance processes. You learn practical, effective reliability and maintenance improvement methods and tools that help you boost your equipment reliability, lift plant availability, and get higher maintenance work productivity. The focus of the course is on the useful techniques of reliability engineering and best-practice maintenance that you use every day to improve operating and production performance through lower maintenance costs, less production downtime, fewer equipment failures and higher maintenance crew output.</p>	<ul style="list-style-type: none"> ▪ How to use reliability engineering to understand the cause and effect relationships of equipment and operational problems. ▪ Decision on how to make effective and good maintenance and reliability. ▪ Understanding how and what to do to optimize your maintenance interventions and apply sound maintenance and reliability strategy to produce improved operational performance. ▪ Practical methods and useful features of Reliability Engineering and how they help you. ▪ Decision on when to use reliability engineering to get the most benefit for your o ▪ Decision on which reliability engineering techniques to use to improve your operating equipment performance and profits. Simple and low-cost reliability improvements to you. ▪ Recognizing how to use reliability professionals to deliver better operating outcomes and plant availability. ▪ Solving the root causes of your equipment failures; Increased production, reputation, and customer satisfaction Maximize asset performance; value ▪ World class quality and performance Reduced maintenance time, downtime, and costs ▪ Compliance with internal and external audit requirements ▪ Decision support techniques for high value, asset useful lives acquainted with the mission ▪ Maximized asset reliability, availability, and efficiency How to perform Maintenance cost and return on investment estimate ▪ Decision support to select operations, maintenance, purchase, and audit strategies ▪ Decision support for long term planning and scheduling operations, and STO mgt. ▪ Understand the Maintenance management process; How to perform systems’ failure analysis; Team work environment , safe and great ^place to work ▪ Raise awareness of how to prioritize and select maintenance tasks, and strategies ▪ Understanding why and how to collect useful maintenance and operations’ data 	
	<p>3 to 5 days <i>Training in house or out of Canada may require more days</i></p>	
<p>Target audience and industries</p>	<p>Applied Reliability Improvement’ is for people who want to lift the efficiency, productivity and output of their operating assets with successful reliability and maintenance excellence methods. We welcome people from any industry:</p> <p>Maintenance Managers; Design Engineers Project Engineers; CMMS Key users; Analysts; Warehouse managers and supervisors; Purchasing department; Planners and schedulers; Oil and gas Industry, Manufacturing plans, chemical and Pharmaceutical Industries, contractors and other service providers</p>	