

# What is Reliability, Availability, and Maintainability



## Reliability

The term Reliability represents the probability that an asset will operate without failure in a given time under strict conditions.



## Maintainability

The term maintainability describes how easy and resource intensive it is to perform maintenance on an asset.



## Availability

Availability provides the probability that an asset is in operable condition at a given time.

**The purpose of RAM analysis** is to identify major causes of loss of operational availability or other issues that may limit the production throughput. The end goal is to improve asset design and maintenance programs, optimizing the overall life cycle (LCC) costs of your assets.

# Reliability Availability And Maintainability

**L Reisser**



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