

KATALCO_{JM} PERFORMANCE improves reliability and integrity

Reliability study

A world scale ammonia plant with an availability of 85% has an annual loss of income of approximately US\$7,000,000 compared to world class at 99%, assuming the average selling price over the last 5 years.

To help increase the reliability of your process, KATALCO_{JM} PERFORMANCE, a combination of Johnson Matthey Catalysts and our alliance partner ABB Engineering Services, offers a Reliability Study to identify key problem areas and show how you might address them.

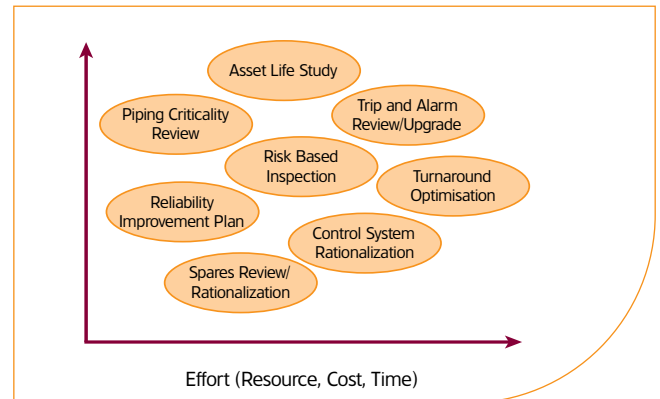
This high level study investigates all causes of unreliability in order to identify opportunities for improvement. All areas are covered including equipment losses. The first part reviews:

- systems and procedures
- people and organisation
- hardware

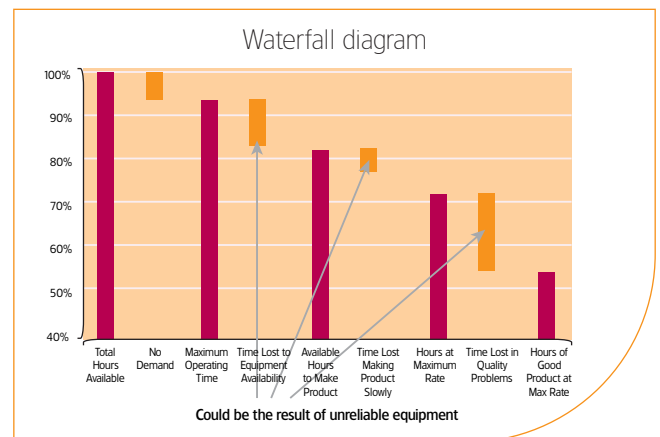
Our consultants then study the production losses to identify the exact availability of the plant over a historical period of time.

These losses are recorded in a waterfall diagram as shown on the right.

The finished report details the main areas of losses and gives advice on how to improve each of these areas of loss.



These areas of improvements are prioritized in a chart such as the one above to aid development of an improvement plan. This could include other KATALCO_{JM} PERFORMANCE services such as Asset Life Study, Risk Based Inspection, and Trip and Alarm study.



For more information about the Johnson Matthey Catalysts range of KATALCO_{JM} catalysts and associated services please contact your local representative, visit our web site www.jm-catalysts.com or e-mail katalco.performance@matthey.com

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