

KATALCO_{JM} PERFORMANCE increases reliability and integrity

Asset life study

The reinvestment for a 10 year old operating facility to sustain continued operations may be as high as US\$40,000,000 for the following 10 years. This investment needs to be planned over the operating life with resources and expenditure profiled to business needs, taking maximum advantage of long term production planning.

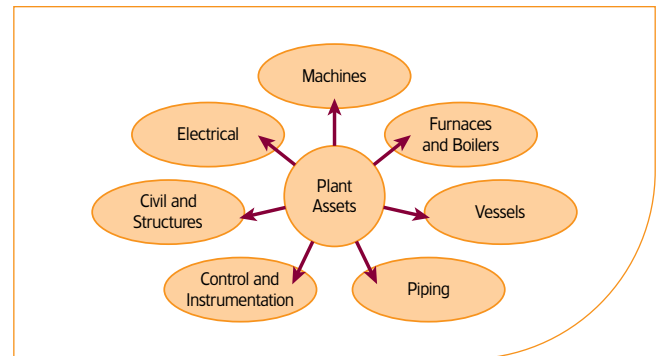
In an industry where the value of reliability is US\$100,000 per day and where a 5 day shutdown can lose US\$500,000, making sure that investment is made ahead of failure is vital. The KATALCO_{JM} PERFORMANCE Asset Life Study (ALS) developed and delivered by our alliance partner ABB Engineering Services, aims to identify equipment deterioration before failure to deliver reliable and high integrity plant. It also projects the investment required based on the remaining life of existing assets and necessary engineering work to restore integrity and sustain present operating performance to meet future production requirements. This increases confidence in business planning.

This methodology is implemented with site staff and the data and software is transferred to the site to review and update in the future as appropriate.

All key items of equipment that have the potential to disrupt production are identified by investigating mechanisms of deterioration, equipment criticality and plant vulnerability.

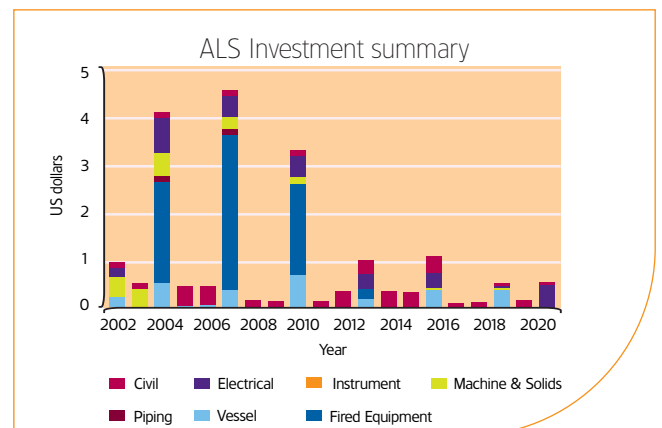
Deterioration calculations then give a life plan for each item and the associated future expenditure. The life plan includes recommendations on inspection and corrective measures where deterioration might be reduced.

With our Asset Life Study you can be confident that you:



- understand which equipment is critical
- know the areas where your plant is vulnerable and
- are proactively managing the integrity of all key items of your assets

This will deliver a reliable plant, a clear long-term view on maintenance spend and increased confidence in your business plan.



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.jmcatalysts.com or e-mail katalco.performance@matthey.com

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