



# VALAS Ltd

[Vibration Analysis & Laser Alignment Services]  
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Engineering Services for Reliability Condition Monitoring Surveys & Asset Reliability Programme Development

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## Market Strategy:

- To provide clients with a report analysis of data and information to optimise controllable elements of an assets Life Cycle Costs. Maintenance is a controllable element of machine Life Cycle Costs [Ref. AS3930, BS3811]
- To add value to the clients business risk-management, asset reliability programme development and a condition based maintenance strategy

## VALAS Ltd services:

To provide clients with a report analysis of data and information that enables development of the clients Asset Reliability Programme thus optimise controllable elements of an assets Life Cycle Costs. To quantify an assets condition, Reliability Condition Monitoring [RCM] surveys are carried out. RCM surveys involve relevant combinations of asset service requirements, risk analysis, inspections, specifications, vibration analysis, laser alignment of shafts, laser geometry, laser belt transmission alignment [BTA], oil analysis and digital imaging methodologies.

- Reliability Condition Monitoring surveys of rotating plant [RCM surveys]
- Asset Reliability & Condition Based Maintenance planning and schedule development
- Commissioning of rotating plant to specification
- Vibration Analysis of Machines and Structures
- Laser alignment of rotating plant, belt transmission and geometry
- Rotor Dynamics and Balancing

VALAS services have evolved over some twenty-years of reliability condition monitoring in the petro-chemical and power plant industries and as a self-employed contractor in those industries as well as the irrigation, fishing, mining, shipping, timber, wine and many industries in-between, (based in Nelson, providing services throughout New Zealand and Australasia).

## VALAS Ltd.

VALAS has the industry experience and knowledge to add value in the development of clients asset reliability programme and condition based maintenance schedule planning and outcomes.

VALAS is well placed to add value in assisting clients in developing their Asset Reliability Programme to meet their business planning outcomes.

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