

# RED HORIZON ENGINEERING

## ENGINEERING SERVICES

### PROJECT MANAGEMENT

- Complete project management service from start to finish
- Design, layout, quoting, procurement, subcontractor management, installation coordination, and commissioning of equipment
- Can quote and finance complete projects and work with client's payment terms

### MECHANICAL ENGINEERING

*Non-Civil Engineering, not a licensed PE*

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- Fusion 360 & AutoCAD 2023 3D modeling and detailed print design
- Metal fabrication modeling and design
- Laser cut metal design and detailed prints
- Machined parts design
- Reverse engineering of parts, components, assemblies, and equipment
- Material handling and conveyor design
- Equipment and mechanical systems design

### RELIABILITY & MAINTENANCE ENGINEERING

- Predictive and Preventative maintenance plan development
- Root Cause Analysis (RCA) of equipment failures
- Reliability improvement assessments to reduce unplanned equipment downtime
- Mechanical systems troubleshooting

### BUSINESS PROCESS CONSULTING

- Maintenance and Reliability program consulting
- Operations and Production process consulting
- Process improvement projects utilizing Six Sigma tools

[www.RedHorizonEngineering.com](http://www.RedHorizonEngineering.com)

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