

PROJECT BRIEF

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Project Number: WYK050405

Customer: Weyerhaeuser SpaceKraft

Concept Systems' Contact: Jim Ford

Project Name: MSK/LOTT Upgrades

Description:

As part of Weyerhaeuser's ongoing attention to Safety, Concept System's was brought in to review their corporate MSK / LOTT policy for compliance and application. The MSK/LOTT policy is part of Weyerhaeuser's corporate safety program and represents how an operator interfaces a system from maintenance and lockout perspective.

The MSK portion stands for Machine Safeguard Key and allows for an operator to safely disable a machine for setup and clearing jams. The LOTT portion stands for Lock-Out Tag and Try and represents how an operator or maintenance person safely disables a machine for maintenance or entry into a machine.

The result of the project included redesigned Safety and Emergency Stop circuits with the integration of Safety Relays, Emergency Stops and Beacons.



Results:

- Machine Safety
- Safety compliance with internal corporate safety policy

Services Provided:

- Specification Review and Compliance
- Controls Design and Integration
- Documentation Update

Technologies/Platforms Used:

- Safety Rated Components
 - Relays
 - Contactors
 - Emergency Stops
- Allen-Bradley PLC & HMI