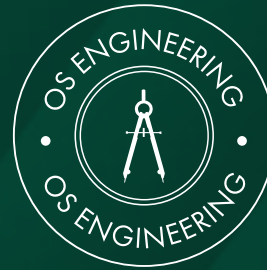
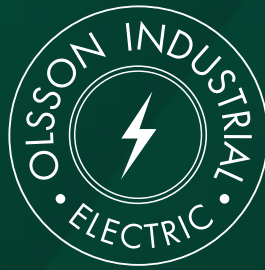


International Paper Paper Machine Productivity Improvements



DIVISIONS

Olsson Industrial Electric
Olsson Controls
OS Engineering



LOCATION

Springfield, OR



START DATE

2015



END DATE

2017

SCOPE OF WORK:

- Extensive demo of existing systems. Installed, checked out, and commissioned the following items:
 - (1) 4600 13 K/600 V transformer, (2) 1250 HP VFDs, (1) 450 HP VFD, and several smaller
- VFDs Extensive temporary power upgrades (MCCs to be used for temporary power during outages)
- New boiler port rodgers, gas skids and start burners; New roll handling system; New winder safety system
- (35) PLCs and control panels built in-house by our UL-508 panel shop and installed on site Numerous process control instruments
- 1,200 feet of cable tray, 34,000 feet of conduit and 280,000 feet of cabling
- Engineering/project management for cable pull calcs, labor forecasting, work sequencing, etc
- One engineer specifically dedicated to recovery boiler commissioning