

Steel Mill Saves Money and Improves Quality



PROBLEM

The plate mill operated by California Steel in Fontana, California was encountering numerous, costly problems.

Spray nozzles required replacement at a rate of 100 per week, manifolds were frequently plugged and needed weekly replacements.

In addition, inconsistent quench treatment (resulting from plugged spray nozzles) led to roll damage (“orange peel” effect) and unsatisfactory product shapes. Resulting in expensive, unscheduled downtime.

SOLUTION

Upon a brief testing period with small LAKOS In-Line models; three large LAKOS RFD series separators were installed and later equipped with LAKOS Automatic Purge Systems.

OUTCOMES

With the installation of a LAKOS RFD series separator the manufacturer has seen the huge quality and cost advantages such as:

- **\$192,400 annual savings in routine maintenance expenses**
- **Improved product shape**
- **\$90,000 - \$180,000 annual savings in unexpected shutdowns**
- **A rate of return on investments within 5 months**

Adding a LAKOS system costs less than you think

To get one customized to your needs, contact your local representative