A Different Approach to Statistical QC for Sawing

Warren Bird

Saw Mill: Collins Pine Company
Chester, California

Machine: 12-inch Double Arbor Shape Sawing Gang Edger

Product: Ponderosa Pine 4/4 Boards

Objective: Reduction of Kerf and Target Size, Without Loss of Grade Due to Offset Which Remains After Planing
The Problem:
How to acquire useful information about the tail of the frequency distribution of Double Arbor Offset—the measurements which threaten product value.

The Method:
Direct examination of the cumulative distribution of measurements which exceed each measurement value.