



ROLL GRINDERS

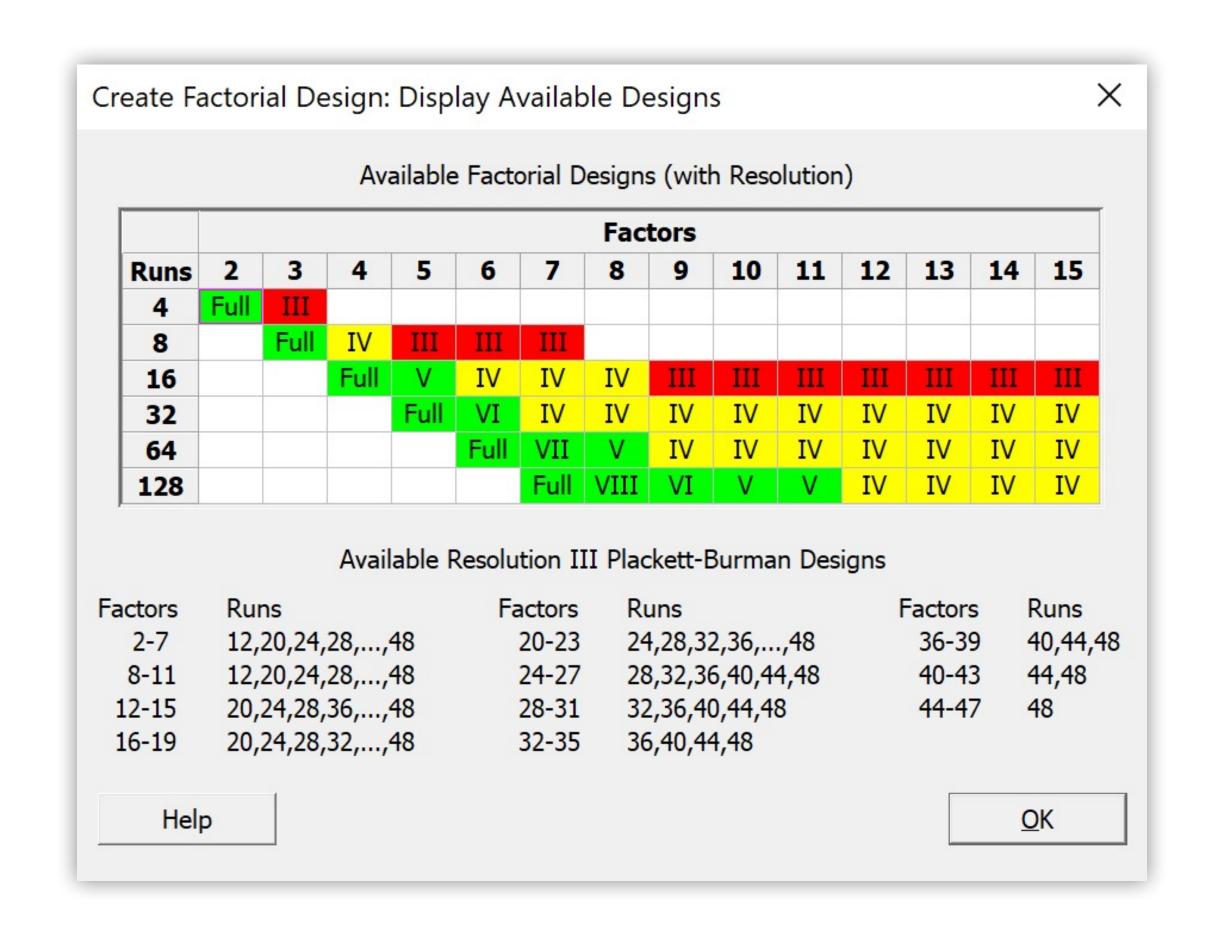
Over 50 years of value-added service

WEBINAR SERIES

precisionrollgrinders.com

WHAT IS A DOE?

- Helps you investigate the input variables on an output variable.
- Use to identify process conditions and product components that affect quality.
- Determine factor settings to optimize results.



DOE BENEFITS

STARTUP BENEFITS

- Initial startup can take days to reach optimal settings.
- Save time and set machine to ideal conditions.

OPERATOR ADJUSTMENTS

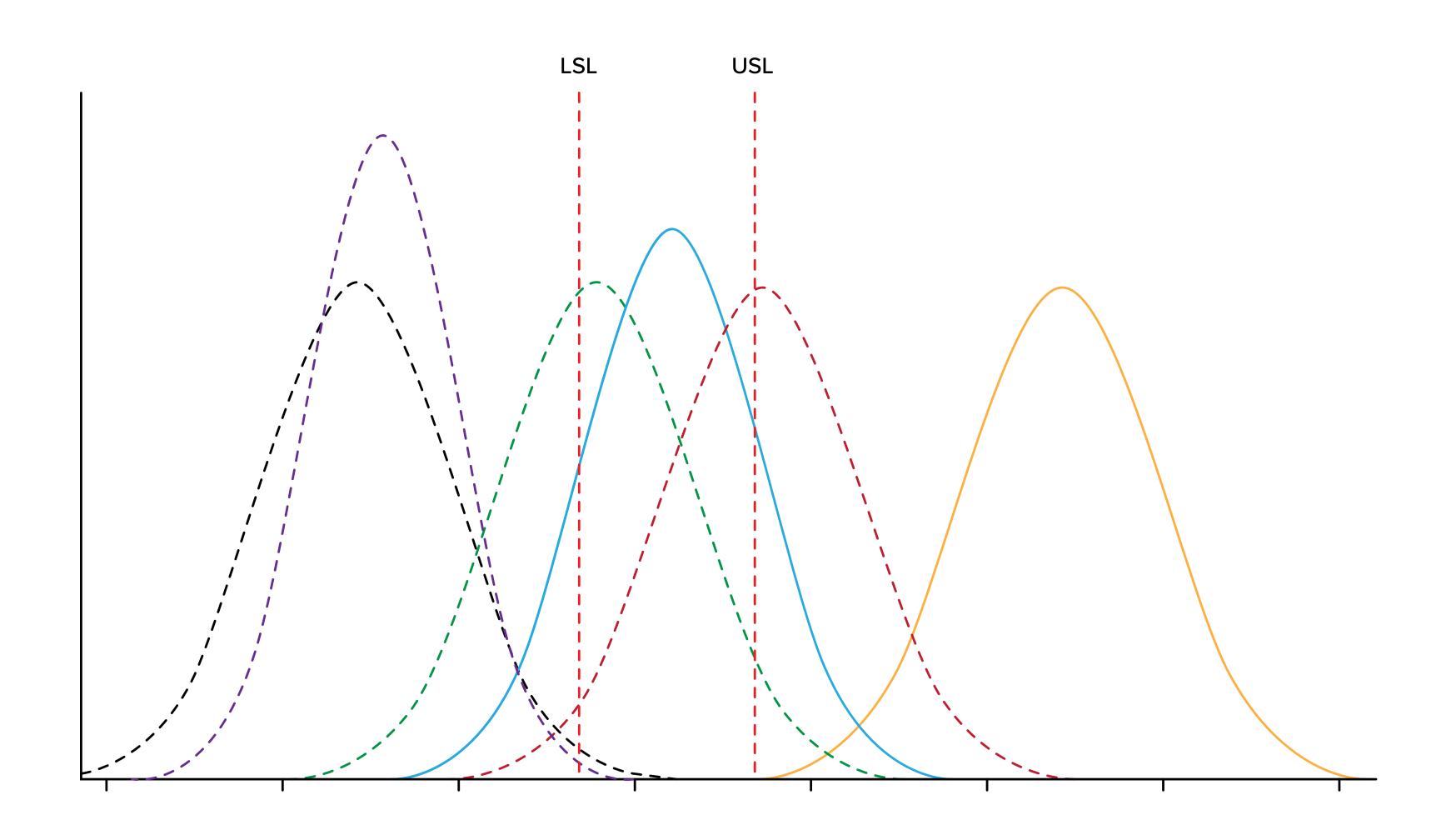
- Adjustments

 to parameters
 may or may not
 impact quality.
- Make changes more predictably with different input variable.

TROUBLESHOOTING BENEFITS

- Having predictable changes caused by different input variables leads to understanding system changes better.
- Can reduce amount of time to troubleshoot unexpected issues.

HOW DOES THIS HELP?

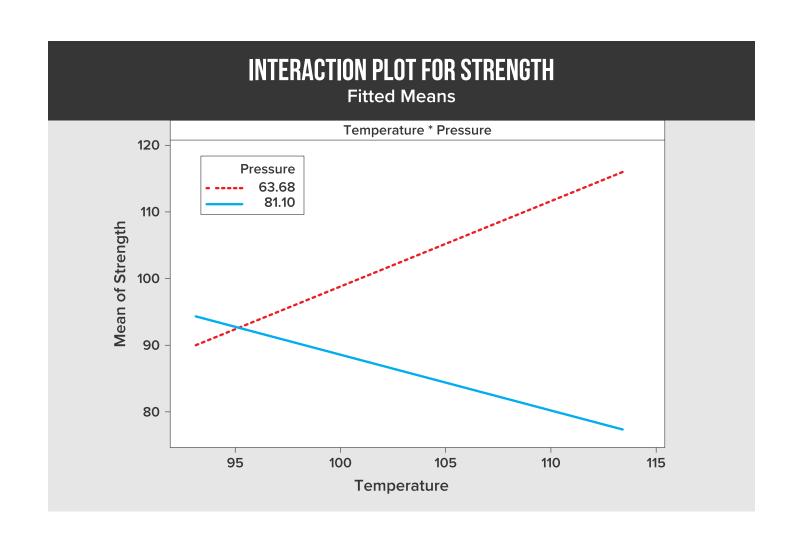


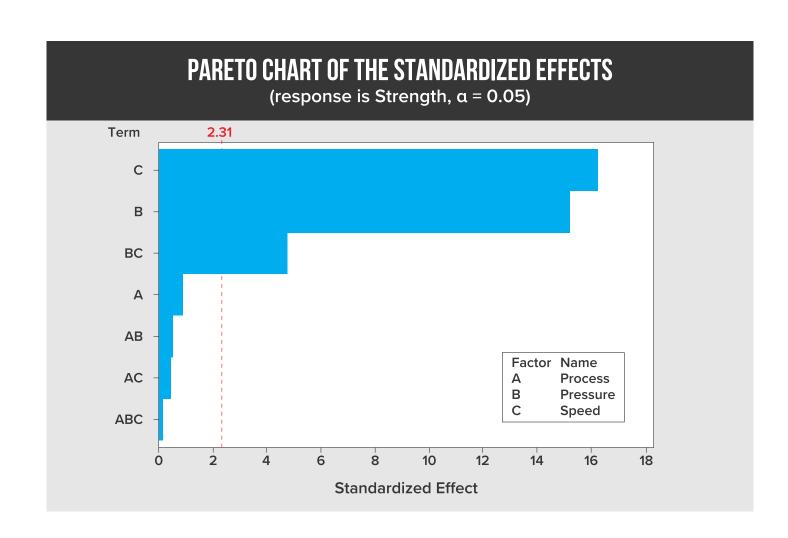
DOE STEPS

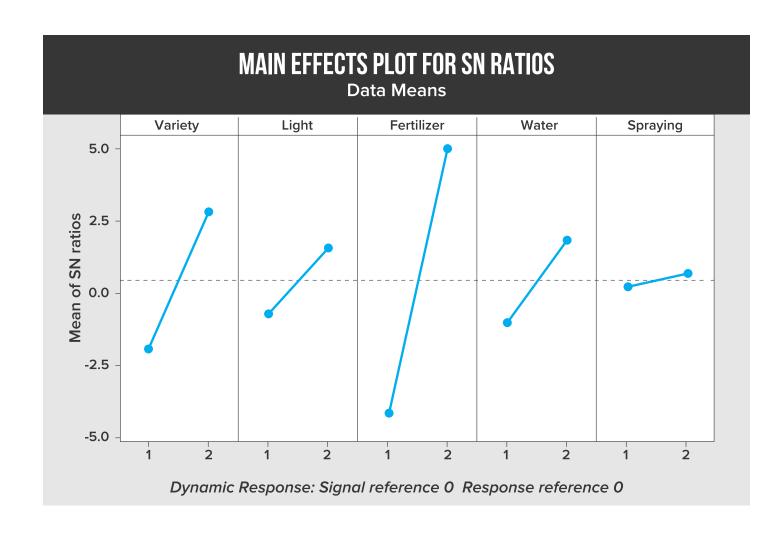
- Set your objectives
- Choose your process variables
 - Noise variables
- Experiment design
- Execute the design
- Verification runs

DOE ANALYSIS RESULTS

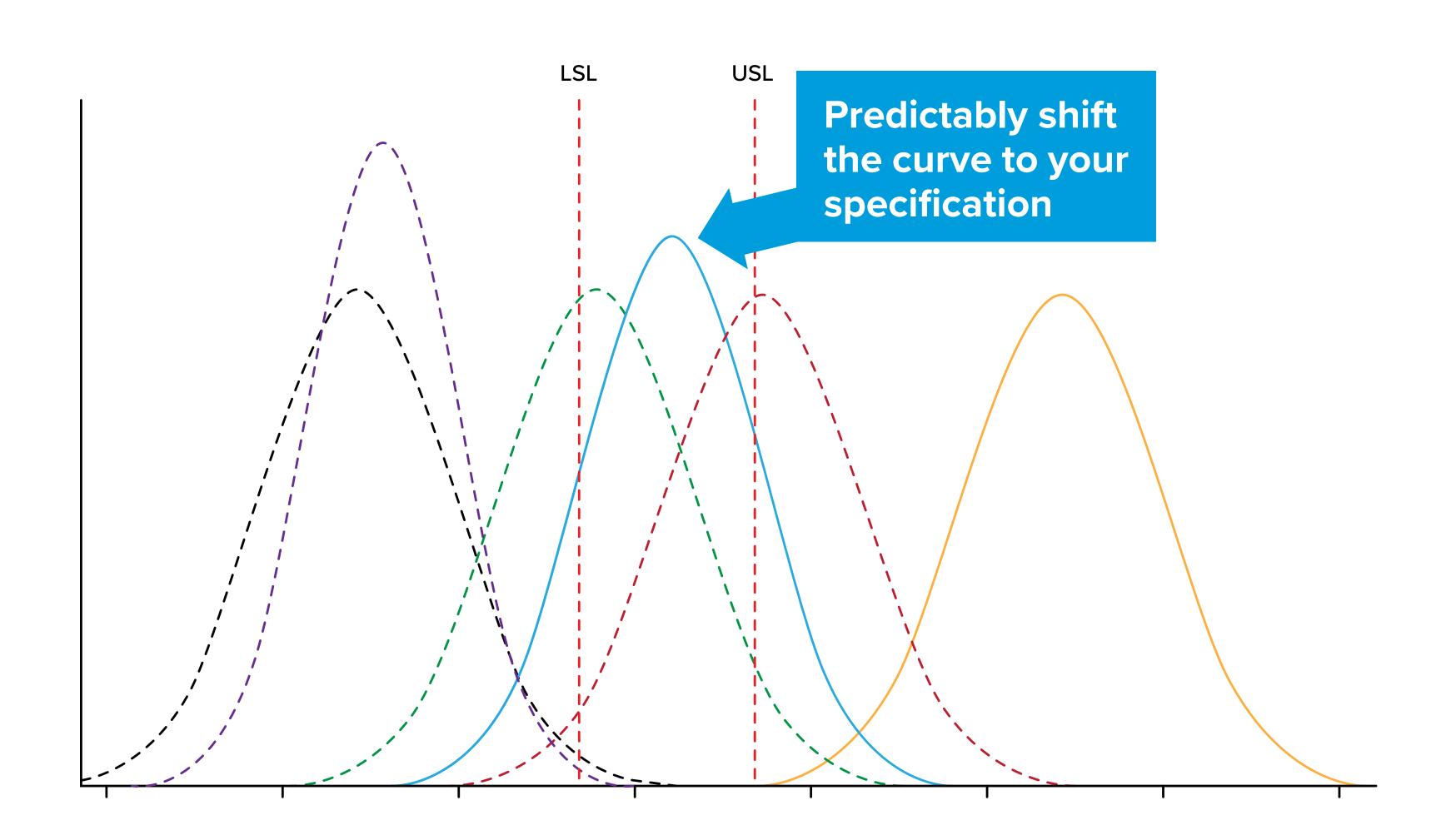
- Interaction plots
- Significance
- Main effects







PROCESS IMPROVEMENT



CONTACT US

ALLENTOWN, PENNSYLVANIA

(610) 395-6966

CARROLLTON, GEORGIA

(770) 830-6323

LEWISPORT, KENTUCKY

(270) 295-4990

TEXARKANA, ARKANSAS

(870) 216-4000



THANKYOU FOR YOUR TIME.

QUESTIONS?



Over 50 years of value-added service

precisionrollgrinders.com