

# STANDARD ALIGNMENT PROCEDURE IN 3 EASY STEPS

1

**PRE-ALIGNMENT**

**MACHINE**



- ▶ Tagged off?
- ▶ Pipe/bracket strain?
- ▶ Thermal growth/targets?

**COUPLING**



- ▶ Axial distance?
- ▶ Tolerances?

**BASE & FEET**




- ▶ Base ok?
- ▶ Bolts lubricated?
- ▶ Bent bolts?
- ▶ Cupped washers?
- ▶ Quality and quantity of shims?
- ▶ Soft foot?
- ▶ Cleanliness?

2


**ALIGNMENT CHECK**

**DIMENSIONS**




- ▶ Mount components
- ▶ Enter dimensions as requested

**MEASUREMENT**



- ▶ Adjust laser
- ▶ Rotate shafts in machine rotational direction

**RESULT**



- ▶ View results on screen

Tolerance check	
Excellent	😊
Within tolerances	OK
Out of tolerance	😞

3

**CORRECTIONS & REPORT**

**EVALUATION**



- ▶ Within tolerances?

**CORRECTION**



- ▶ Use high quality shims for vertical alignment correction
- ▶ Adjust/correct machine with Live Move
- ▶ Do not use hammer for adjustment
- ▶ Retighten all bolts with torque-meter

**FINAL INSPECTION**



- ▶ Final alignment check
- ▶ Save measurement file
- ▶ Generate measurement report