


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	
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