



# ON-SITE SERVICE: **LASER ALIGNMENT**

## 24/7 Emergency Service

*The purpose of Laser Alignment is to eliminate stress on equipment, especially the bearings and seals on pumps and motors.*

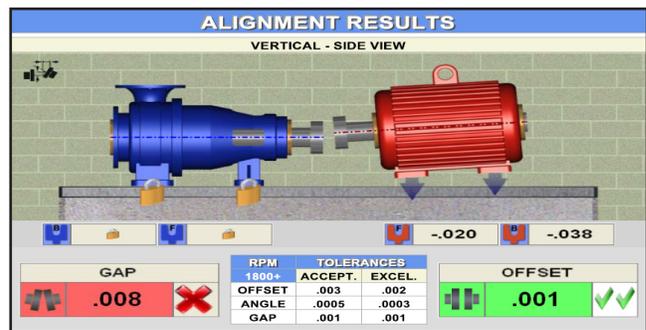
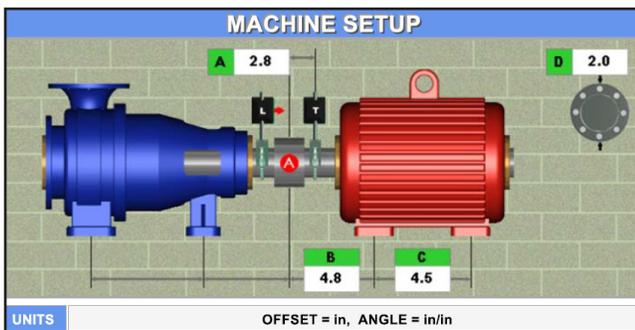
*Poor alignment will directly cause several problems, including: making the motor work harder to drive the equipment which could cause an increased amp draw, excessive vibration due to misalignment and decreased bearing L-10 life.*

### Laser Alignment Procedure:

- The equipment is locked out and tagged out from any source of energy (Electrical/Mechanical)
- The laser pickup and target are attached onto the rotating shafts.
- Measurements of the mounting bolt pattern are taken (on the moveable component)
  - Motor, Pump, Etc.
- Information is entered into the computer and alignment levels are taken.
- KJ Electric will add or remove shims as needed to reduce misalignment to acceptable levels.
- Reports are printed & sent to the Customer.



KJ Electric technicians use the Hamar Laser Stealth Series S-680 & Couple 6 Software.



**FOR MORE INFORMATION CALL YOUR LOCAL KJ ELECTRIC REPRESENTATIVE TODAY!**



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