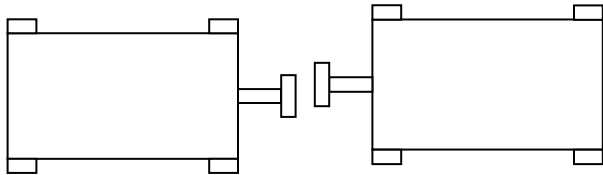


**Machine Diagnostics Incorporated**  
 PO Box 1003 Americus, Georgia 31709  
 229-924-3030 fax 229-924-1222

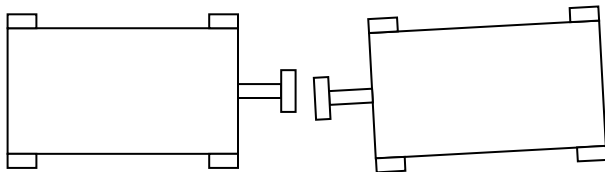
# Machinery Alignment Form

**Customer:** XYZ Corporation  
**Date of Alignment:** m/d/y  
**Alignment Equipment:** Ludeca Optalign

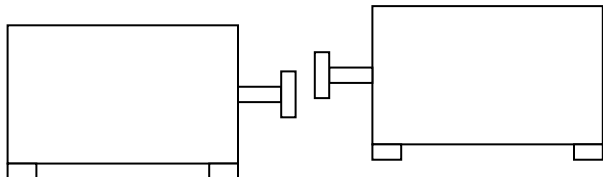
**Machine Name:** #1 Hot Lime Drag Conveyor  
**Performed By:** A. Dortch



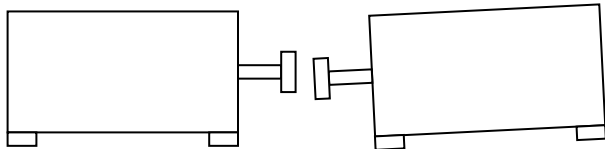
Horizontal Offset = 2



Horizontal Angular = .5



Vertical Offset = 2.5



Vertical Angular = 1

## Tolerances for Shaft Alignment – Short Coupled



### OFFSET

| RPM  | excellent<br>(+/- mils) | acceptable<br>(+/- mils) |
|------|-------------------------|--------------------------|
| 600  | 5.0                     | 9.0                      |
| 900  | 3.0                     | 6.0                      |
| 1200 | 2.5                     | 4.0                      |
| 1800 | 2.0                     | 3.0                      |
| 3600 | 1.0                     | 1.5                      |
| 7200 | 0.5                     | 1.0                      |



### ANGULARITY

| RPM  | excellent<br>(+/- mils) | acceptable<br>(+/- mils) |
|------|-------------------------|--------------------------|
| 600  | 10.0                    | 15.0                     |
| 900  | 7.0                     | 10.0                     |
| 1200 | 5.0                     | 8.0                      |
| 1800 | 3.0                     | 5.0                      |
| 3600 | 2.0                     | 3.0                      |
| 7200 | 1.0                     | 2.0                      |

**Comments:** Motor base sat too high for proper alignment to gearbox. Added .100" shim under gearbox to correct.