

## Learn The Crucial Elements of Laser Shaft Alignment

### Why Shaft Alignment?

It is said that almost 50% of all failures in rotating equipment can be attributed to machine shaft misalignment.

Shaft Alignment is therefore done to prevent machine failure due to the misalignment between two or more shaft centerlines. This includes typically shafts between Motors and Pumps, Motors and Gearboxes, Motors and Fans and many more. It has been proven that if precision Laser Shaft Alignment is done within tolerance according to the ISO / ANSI standards, then it will maximize the lifespan of the equipment.

The Engineering Dynamics Shaft Alignment I course is the ideal starting place for people new to shaft alignment or those that just want a better understanding of the concepts.

### Who Should Attend This Course?

- Engineers, Technicians, Supervisors and Fitters
- Design and Project Engineers
- Rotating Equipment Specialists
- Quality Control Inspectors
- Procurement
- Condition Monitoring Technicians

You will come away from this course with a solid understanding of the fundamentals of how Laser Shaft Alignment works. If you want to become an alignment expert, then our Shaft Alignment II course will be your next step.



## Training Location

Our courses are conducted by an experienced, Easy-Laser certified instructor. It can be done onsite anywhere in Africa if you have larger groups to be trained.

- See Contact Details Below

## Course Topics

- Basic Laser Theory
- Alignment Process Introduction.
- ANSI Standard Flow Diagrams.
- Shaft Alignment Steps.
- Reporting.

### Practical Demonstration:

- Motor to Pump Alignment
- Pulley/Belt Alignment

### Examination:

- Optional After Alignment I
- Mandatory For Alignment II

## Contact Details

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