

**Set Operating procedures for the Lifting Instrument Calibration:**

- 1- For Any Calibration request we ask the user following details:
  - a- Crane's Manufacturer, Crane Model No. and Crane Serial Number.
  - b- Also we request user manual from customer.
  
- 2- Upon receiving the above details, we check its manuals in our technical library or we search from internet or we contact the manufacturer. Sometimes the user also provide most of the information.
  
- 3- In addition to the above information, the calibration procedure also include following:
  - a-Crane should be in 100% working condition.
  - b-Standard Weight should be available by the site of crane.
  - c-Crane working area should be free from overhead HT Lines or LT Lines.
  
- 4-Crane Safe Operation requires following parameters calibration:
  - a-Crane's Boom Length parameters.
  - b-Crane's Boom Angle parameters.
  - c-Crane's Lifting Load parameters.
  
- 5-These above parameters are checked against the standard values of the parameters and if any discrepancy then it is adjusted to the required accuracy.
  
- 6- The above primary parameters displays the secondary parameters of radius and Safe Working Load, which are also verified against the load chart.
  
- 7- This will conclude the calibration procedure by taking each observation 3 times and then the calibration certificate is issue for the duration of Six Months.