



RANDOM VIBRATION ANALYSIS – TEST TIME REDUCED BY 30%



SCOPE

- // Design a secure system that will allow the remote control of a scissor lift.

HIGHLIGHTS

- // Random Vibration Response analysis was performed using acceleration spectrum density curve.
- // Response was obtained up to frequency of 130 Hz (First mode of Bracket is 55.14 Hz).
- // Equivalent RMS Stress was used for fatigue life calculation.

BUSINESS IMPACT

- // Product Testing time reduced by 30%