

Annexure-I

Specification of DC Accelerometer and Tri-axial DC Accelerometer

Scope of Supply:

1. DC Accelerometer as per following specifications.

- Axis of measurement: Uniaxial
- Range : 50g
- Frequency response : DC to 500 Hz
- Temperature : 0 to 50°C
- Over load : 300%
- Non-linearity : 1% RO
- Rated Output: 0.5mV/V (1000×10^{-6} strain)
- Input/output resistance : 120 Ω
- Recommended exciting voltage : 2V or less
- Allowable exciting voltage: 5 V typical

2. Tri-axial DC Accelerometer as per following specifications.

- Axis of measurement: Tri-axial
- Range : 50g
- Frequency response : DC to 500 Hz
- Temperature : 0 to 50°C
- Over load : 300%
- Non-linearity : 1% RO
- Rated Output: 0.5mV/V (1000×10^{-6} strain)
- Input/output resistance : 120 Ω
- Recommended exciting voltage : 2V or less
- Allowable exciting voltage: 5 V typical

Inspection & Testing:

- All DC Uni axial and Tri-axial accelerometer to be visually checked for any damage.
- All DC Uni axial and Tri-axial accelerometer to be supplied with OEM calibration certificate. Purchaser would bring own calibration device to check OEM provided calibration certificate during inspection.