Vibtech Analysis Ltd.
Keeping Canadian Companies Competitive

ISO 9001 CERTIFIED BSI REGISTERED FS 67430

ISO 9001:2015 CERTIFIED

THE VIBTECH ISO-9001:2015 STANDARD

In 2002, Vibtech Analysis Ltd. was first registered as an ISO 9001:2000 company by BSI Canada - subsequently upgraded to ISO 9001:2008 in 2010 and to ISO:9001:2015 in 2016. Affirming that complete and proper measurements are compiled during each inspection, and ensuring that the time between readings meets our standard, is key to our certified commitment to provide the highest quality of service at a reasonable price. Vibtech uses these exacting standards.

- Analysts are required to assess each site for safety concerns and are not to proceed until these are addressed to their satisfaction.
- All data collectors shall be calibrated annually. Calibration certificates are provided to customers upon request.
- All analysts shall be certified by outside institutions before they may work unsupervised.
- The following minimum vibration data shall be recorded:
  - ☞ Velocity spectra with 1600 lines of resolution and Time Waveform shall be recorded on all points with a minimum of 4 averages.
  - ☞ High Frequency Demodulated spectra with 1600 lines of resolution shall be recorded on all points with a minimum of 4 averages.
  - ☞ Acceleration spectra with 3200 lines of resolution and Time Waveform shall be recorded on all horizontal and axial points with a minimum of 4 averages.
  - ☞ A low frequency velocity spectrum with a maximum frequency of 12,000 CPM with 1600 lines of resolution shall be taken in the horizontal positions on all AC motors with a minimum of 4 averages.
  - ☞ Subject to access limitations, radial readings in both the vertical and horizontal directions will be taken at all bearing points. Additionally, at least one axial reading will be taken per shaft.
    (This equates to a minimum of 28 spectra and overall readings for a standard 4 bearing unit, ie. fan & motor)
- Predictive Maintenance Programs must not exceed 3 months (105 days to account for scheduling) between readings or they are not considered Predictive.

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