

# Vibratory failure analysis

## *Noise and vibration engineering*



**Expert know-how in noise and vibrations**

## YOUR EXPECTATIONS

- Identify the causes for abnormal vibrations or noise from your equipment and facilities which tend to cause premature break or wear
- Implement solutions to reduce or suppress these vibrations on your rotating machinery, pipes, moving parts or components
- Secure your investments by keeping optimal operating conditions

## OUR SOLUTIONS

- Definition of the best instrumentation methodology,
- Vibration diagnosis of equipment or installations, based on on-site instrumentation and data acquisition, followed by signal analysis,
- Research of technical solutions by experts specialising in industrial installations,
- Implementation of solutions to minimise noise and vibration,
- Setting up monitoring and surveillance systems (SHM)

## YOUR BENEFITS

- Cetim, independent and neutral technical centre, is a leader in mechanical failure analysis, backed by over 50 years' experience and 1,500 new cases handled each year in all areas of mechanics: mechanical, metallic, plastic and composite damage, ...
- Cetim can combine its expertise with consultancy (redesign, process improvement), turning failure into a "profitable experience",
- Support via adapted and customisable Cetim Academy® training courses, with Qualiopi certification



### Question and Answer Service

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