

We know noise

LIFETEC

...and your equipment is asking for help



Acoustics Noise Vibration

FAT procedures, testing and reporting

How can you test the equipment for noise and vibration in the best and most suitable way?
Which standards shall be followed?

Lifetec has extensive experience with FAT noise and vibration testing, in terms of both writing procedures and conducting the actual tests. We are familiar with multiple measuring standards and will be able to advise on the best approach to accurately measure noise and vibration.

- Lifetec offers testing and reporting of
- Sound power level (i.e. ISO 9614, ISO 3744, ISO 3746)
 - Sound pressure level at operator position (i.e. ISO 1120X)
 - Vibration level, whole body (i.e. NORSOK S-002, ISO 2631)
 - Vibration level, hand-arm (i.e. ISO 5349)
 - Vibration level, machinery (i.e. API 610)
 - Structure-borne noise (i.e. ISO 7849)

Noise design / BAT evaluation

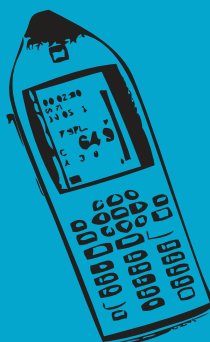
Are you struggling to meet the noise requirement set by the contractor? What is the noise reducing potential for the equipment? Are there alternative measures to enclosures in order to meet the noise requirement?

Lifetec can assist the noise design by

- giving advice on the effect of different noise reducing measures
- detailed noise modelling and calculation of the noise emission level based on different design choices
- perform sound measurements to identify individual sources on the equipment
- perform sound measurements to verify the effect of applied noise control measures

Other services we provide

- Noise & vibration engineering of offshore and onshore installations
- As built noise and vibration measurements
- Pipe noise calculations
- HVAC noise calculations
- Acoustic fatigue evaluation
- Noise and vibration courses



mail@lifetec.no

Mail address:
P.O. BOX 239
N-1319 Bekkestua

Office address:
Gamle Ringeriksvei 34
N-1357 Bekkestua

tel: 91382196 /
41808191

www.lifetec.no