

AA	Appropriate Assessment
ABP	an Bord Pleanála
cm	centimetre
CO ₂	Carbon dioxide
dBA	A-weighted Sound Pressure level in decibels with a reference level of 20 μ Pa
DOE	Department of the Environment (now DECLG)
DWT	Dead Weight Tonnes
EIA	Environmental Impact Assessment
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
EU	European Union
H ₂ S	Hydrogen sulphide
HF	High Frequency
hr	Preferred dimension for hour
kg	kilogram
km	kilometre
kW	kilowatt, 1000 watts
L	litre
LA	Local Authority
L _{day}	The noise indicator for annoyance during the day period. (07:00 to 19:00)
L _{den}	The 24 hour Leq calculated for an annual period, but with a 5 dB weighting for the evening and a 10 dB weighting for night. Directive 2002/49/EC.
L _{eq}	Shorthand for 'equivalent continuous noise level', which is a parameter that calculates a constant level of noise with the same energy content as the varying acoustic signal being measured. The Leq is an energy mean of the noise level averaged over the measurement period and often regarded as an average level. It is good practice to state the time period over which measurements were taken.
L _{evening}	The noise indicator for annoyance during the evening period, (19:00 to 23:00)
LF	Low Frequency
L _n	Typically L10 or L90, A noise descriptor based on the % of the measurement period for which a particular value was exceeded. L90 is typically reported as the background noise level, whereas L10 was used in the past as an indicator for traffic noise. As with Leq it is good practice to state the time period over which measurements were taken.
L _{night}	The night time noise indicator for sleep disturbance during the night. (23:00 to 07:00)
L _{pA}	Sound Pressure (A-weighted) in dB re 20 μ Pa. LpA (max) refers to a maximum A weighted sound pressure level.
m	metre
m ³	Preferred dimension for cubic metre
mg	milligram
mm	millimetre
methane	CH ₄
Percent	%
Percentile	%-ile
P _{ref}	Reference sound pressure used to calculate a level in decibels, for air the value is 20 μ Pa and for underwater noise the value is 1 μ Pa.
P _{rms}	Root Mean Square, the RMS value of a fluctuating quantity
PTS	Permanent Threshold Shift, the component of hearing absolute threshold shift for a given listener is increased through noise

	exposure that shows no recovery with time after the apparent cause has been removed.
s	Preferred dimension for second when combined in a dimension (e.g. m ³ /s)
SAC	Special Area of Conservation
sec	Preferred dimension for second when standing alone
SEL	Sound Exposure Level, a measure of the sound exposure in decibels. On this scale 0db corresponds to a steady sound pressure whose root mean square frequency-weighted sound pressure equals the reference pressure (1μPa underwater), persisting for a reference time of 1 second. Sound Exposure level can be applied to single events, as well as to noise of a continuing character.
SPA	Special Protection Area
SPL	Sound Pressure Level, at a given point is defined as $SPL = 10\log_{10}(p_{rms}/p_{ref})^2$
tonne	Preferred for use in expressing mass greater than 1,000 kg
tpd	tonnes per day
TTS	Temporary Threshold Shift, the component of hearing absolute threshold shift for a given listener is increased through noise exposure that shows a recovery with time after the apparent cause has been removed. Recovery usually occurs within a period ranging from seconds to hours.
μg/L	Preferred dimension for microgram per litre.
yr	Year
24/7	Operating 24 hours per day on a 7 day week basis
μPa	micro Pascals