

COURSE AGENDA PLANNING SHEET

Introduction to conformity of Noise Regulation – Equipment Used Outdoors (1 day)

VENUE AVT Stockport or elsewhere by arrangement	DATES Set on demand
COURSE DIRECTOR Course director name	No. of Participants Typically 6-12

Day	Title	Synopsis
Morning Session		
	Introduction	
	Basic Noise Theory	A thorough explanation of acoustics terminology. The mechanisms of the human ear and a conceptual design of noise level meters is used to illustrate acoustics terminology including dB, the A-weighting curve, noise spectra Lp and Lw.
	Measurement Techniques	An explanation of simple noise measurement techniques – Lp, Leq, octave bands, narrow band, near field, far field and uncertainty calculations.
	Spectral Analysis	Identification of noise sources using spectral characteristics – use of existing noise test data to distinguish main contributors to overall noise level.
	Practical Noise Measurement	
Afternoon Session		
	Noise Attenuation	Sound absorption, sound transmission loss, selecting appropriate materials for noise control.
	Compliance Overview	NTCFs, NBERs and 2000/14/EC. Requirements of the Outdoor Noise Directive, the paper trail & achieving continuing compliance.