

## Noise Thermometer

Sound energy doubles every 3dB e.g. if an 85dB noise is doubled it measures 88dB

Use Class of hearing protector shown below for 8-hour exposures at the designated noise levels

	Fireworks 162 dB		Handgun 166 dB	Apollo Lift-Off 188 dB	
Immediate Physical Damage		Shotgun 170 dB Balloon Pop 157 dB Bicycle Horn 143 dB	M1Rifle 161 dB	Artillery Fire 162 dB	160 dB
	Firecracker 150 dB	Balloon Pop 157 dB		Jet Engine Take-Off 150 dB	
Hearing protection required for any noise exposures above this level, regardless of duration	Engine Backfire 140 dB	Bicycle Horn 143 dB		Dynamite Blast 140 dB	140 dB
	Noisy Squeeze Toys 135 dB			Pig Squeal Jackhammer 130 dB 130 dB	
Hearing damage and ringing in ears may result from even short exposures above this level	Auto Racing 130 dB			Oxygen Torch 121 dB	120 dB
	Thunder 120 dB	Book		Jet Plane at Ramp 120 dB	



