

## Tutorial 1

### Determination of Daily Noise Exposure According to AS 1269.1 2005

#### Aim,

To become competent in the use of the Table for determining Daily Noise Exposure.

#### Exercise

Calculate the Daily Noise Exposure for the following typical work day for an employee

Task	$L_{Aeq}$	$Pa^2$	Time (hr)	$E_{AT} Pa^2h$
Grinder	101		1.0	
Sand Blasting	103		0.5	
Polishing	95		1.0	
Wash-up	85		2.5	
General duties	75		2	
Total $Pa^2h$				
Normalize to 8 hours				$Pa^2$
Find corresponding $L_{Aeq,8h}$ from table				dBA

Reassess the noise exposure calculation if the employee spends only 30min grinding and an additional 30 min in general duties.