Measure employee noise exposure.

**IMPORTANT:**
A noise dosimeter is the basis for determining total daily noise exposure for employees. However, where you have constant noise levels, you may estimate employee noise exposure using measurements from a sound level meter. Calculation of the employee noise exposure must be consistent with WAC 296-307-63415.

**You must:**
- Include all:
  - Workplace noise from equipment and machinery in use
  - Other noise from sources necessary to perform the work
  - Noise outside the control of the exposed employees.
- Use a noise dosimeter when necessary to measure employee noise dose
- Use a sound level meter to evaluate continuous and impulse noise levels
- Identify all employees whose exposures equal or exceed the Noise Evaluation Criteria as follows:

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Description</th>
<th>Requirements</th>
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</table>
| 85 dBA TWA8 | Full-day employee noise exposure dose. If you have one or more employees whose exposure equals or exceeds this level, you must have a hearing loss prevention program | - Hearing protection  
- Training  
- Audiometric testing |
| 90 dBA TWA8 | Full-day employee noise exposure dose. If you have one or more employees whose exposure equals or exceeds this level, you must reduce employee noise exposures in the workplace | Noise controls (in addition to the requirements for 85 dBA TWA8) |
| 115 dBA measured using slow response | Extreme noise level (greater than one second in duration) | - Hearing protection  
- Signs posted in work areas warning of exposure |
| 140 dBC measured using fast response | Extreme impulse or impact noise (less than one second in duration) | Hearing protection |

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-166, § 296-307-63410, filed 12/21/04, effective 4/2/05.]