



Exhibit 1, 242 FW 3
**Hazardous Noise-
 Producing
 Operations and
 Equipment**

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Exposure to any of the operations or equipment listed below will likely require the use of hearing protection, unless it can be shown with actual noise measurements that operations produce Sound Pressure Levels (SPLs) of less than 85 dBA at the operator's ear. Those discharging firearms can expect impulse/impact noise in excess of 140 dB and must also use hearing protection. This list is not all-inclusive of operations and equipment that require hearing protection.

- | | |
|-------------------------------------|------------------------------------------------------------------------|
| Agricultural tractors | Heavy equipment |
| Airboats | Lawn mowers |
| Aircraft | Leaf blowers |
| Air compressors (land or marine) | Motor graders |
| Backhoes/loaders | Motorized scrapers |
| Blasting | Pile drivers |
| Cannon/rocket netting | Pneumatic tools |
| Chainsaws | Powered industrial trucks (fork lifts) |
| Circular saws and routers, handheld | Propane exploiters |
| Cranes/drag lines | Pumps and pumping stations |
| Crawler dozers/loaders | Skid steers/compact track loaders |
| Electrofishing units | Off-road utility vehicles (ATVs, snowmobiles) |
| Fire pumps | Specialty tracked equipment (Marsh Masters, Gyrotracs, Roligons, etc.) |
| Firearm use | Watercraft operations |
| Fish egg sorters | Weed whips (gas powered) |
| Four-wheel drive loaders | Wood chippers |
| Generators | Woodworking machinery, general |
| Hammering metal | |

If operation of such equipment generates personal noise exposure levels (determined by noise dosimetry) exceeding 85 dBA for an 8-hour Time Weighted Average (TWA), then audiometric testing is required. Absent any personal exposure data (by dosimetry), the following table can be used as a guide in determining what the allowable exposure times might be if direct read noise measurements are known.

TABLE G-16 - PERMISSIBLE NOISE EXPOSURES (1)

Duration per day, hours / Sound level dBA slow response

8.....	90
6.....	92
4.....	95
3.....	97
2.....	100
1 1/2	102
1.....	105
1/2	110

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