

CONVERSION CHART  
DAILY NOISE DOSE/8 HOUR EXPOSURE  
TO dBA/8 HOUR EXPOSURE

| <u>Daily Noise</u><br><u>Dose/8 hr.</u> | <u>dBA/8 hr.</u> | <u>Permissible</u><br><u>Employee Work</u><br><u>Exposure Time</u> |
|-----------------------------------------|------------------|--------------------------------------------------------------------|
| 0.50                                    | 85               | 16 hours                                                           |
| 1.00 ← OSHA MAX. LIMIT →                | 90               | 8 hours                                                            |
| 1.14                                    | 91               | 7 hours                                                            |
| 1.33                                    | 92               | 6 hours                                                            |
| 1.50                                    | 93               | 5.33 hours                                                         |
| 1.71                                    | 94               | 4.67 hours                                                         |
| 2.00                                    | 95               | 4 hours                                                            |
| 2.28                                    | 96               | 3½ hours                                                           |
| 2.67                                    | 97               | 3 hours                                                            |
| 2.99                                    | 98               | 2.67 hours                                                         |
| 3.43 ..                                 | 99               | 2.33 hours ..                                                      |
| 4.00                                    | 100              | 2 hours                                                            |
| 4.57                                    | 101              | 1.75 hours                                                         |
| 5.33                                    | 102              | 1.50 hours                                                         |
| 6.01                                    | 103              | 1.33 hours                                                         |
| 6.83                                    | 104              | 1.17 hours                                                         |
| 8.00                                    | 105              | 1.00 hours                                                         |
| 8.88 ..                                 | 106              | 0.90 hours ..                                                      |
| 10.00                                   | 107              | 0.80 hours                                                         |
| 11.42                                   | 108              | 0.70 hours                                                         |
| 13.33                                   | 109              | 0.60 hours                                                         |
| 16.00                                   | 110              | 0.50 hours                                                         |
| 17.17                                   | 111              | 0.45 hours                                                         |
| 20.00                                   | 112              | 0.40 hours                                                         |
| 22.85                                   | 113              | 0.35 hours                                                         |
| 26.66 ..                                | 114              | 0.30 hours                                                         |
| 32.00                                   | 115              | Less than 0.25                                                     |