

Workplace Exposure Standards Review

Changes subject to impact assessment in 2024

If your business uses or produces any of the following, please contact [Tracey Browne](#) at Ai Group so that the impact on your business can be considered during consultation in the second half of 2024.

Chemical	Current WES	Proposed WEL
1. Benzene	TWA: 1 ppm (3.2 mg/m ³)	TWA: 0.2 ppm (0.7 mg/m ³)
2. Chlorine	PL: 1 ppm (3 mg/m ³)	TWA: 0.1 ppm (0.29 mg/m ³) PL: 0.4 ppm (1.16 mg/m ³)
3. Copper	TWA: 0.2 mg/m ³ (fumes) TWA: 1 mg/m ³ (dusts and mists)	TWA: 0.01 mg/m ³ (all forms)
4. Formaldehyde	TWA: 1 ppm (1.2 mg/m ³) STEL: 2ppm (2.5 mg/m ³)	TWA: 0.3 ppm (0.369 mg/m ³) STEL: 0.6 ppm (0.738 mg/m ³)
5. Hydrogen Cyanide	PL: 10 ppm (11 mg/m ³)	TWA: 0.9 ppm (1 mg/m ³) STEL: 4.7 ppm (5 mg/m ³)
6. Hydrogen Sulphide	TWA: 10 ppm (14 mg/m ³) STEL: 15 ppm (21 mg/m ³)	TWA: 1 ppm (1.4 mg/m ³) STEL: 5 ppm (7 mg/m ³)
7. Nitrogen Dioxide	TWA: 3 ppm (5.6 mg/m ³) STEL: 5 ppm (9.4 mg/m ³)	TWA: 0.2 ppm (0.38 mg/m ³)
8. Respirable Crystalline Silica (RCS)	TWA: 0.05 mg/m ³	TWA: 0.025 mg/m ³
9. Titanium Dioxide	TWA: 10 mg/m ³	TWA: 0.3 mg/m ³ (respirable fraction; ultrafine/nanoscale particles) TWA: 2.4 mg/m ³ (respirable fraction; fine/pigmentary grade particles)

TWA = 8 hour average that cannot be exceeded (needs to be modified downwards for longer shifts)

STEL = Short term exposure limit (cannot be exceeded for more than 15 minutes)

Peak = Cannot be exceeded at any time