



WORKPLACE EXPOSURE LIMITS ARE CHANGING

What Transport & Logistics Businesses Need to Know

New limits take effect from 1 December 2026

Australia is transitioning from Workplace Exposure Standards (WES) to Workplace Exposure Limits (WEL). For some airborne contaminants, the limits are also changing significantly.

Transport and logistics workplaces can involve exposure from diesel engines, workshops, loading areas, warehouses, maintenance activities and enclosed or poorly ventilated spaces. Now is the time to identify which changes are relevant to your operations.

What should transport & logistics businesses do now?

- **IDENTIFY** AIRBORNE CONTAMINANTS FROM VEHICLES, WORKSHOPS, LOADING AND MAINTENANCE ACTIVITIES.
- **CHECK** WHICH SUBSTANCES HAVE NEW OR CHANGED WORKPLACE EXPOSURE LIMITS.
- **ASSESS** EXISTING MONITORING, PARTICULARLY AROUND DIESEL EXHAUST AND ENCLOSED WORK AREAS.
- **CONTROL** EXPOSURE THROUGH VENTILATION, VEHICLE MANAGEMENT, ISOLATION, WORK PRACTICES AND PPE.
- **PREPARE** BEFORE 1 DECEMBER RATHER THAN WAITING FOR THE NEW LIMITS TO TAKE EFFECT.

How JTA can help?



Do you know which WEL changes affect your workplace?

SOME EXPOSURE LIMITS ARE REDUCING SIGNIFICANTLY

EXAMPLE CONTAMINANT	CURRENT WES	NEW WEL	CHANGE
Diesel particulate matter	No national WES	0.01 mg/m ³ as respirable elemental carbon	New limit
Manganese*** - dust & compounds	1 mg/m ³	0.1 mg/m ³ inhalable / 0.02 mg/m ³	Up to 98% ↓
Toluene	50 ppm	20 ppm	60% ↓
Styrene monomer	50 ppm	20 ppm	60% ↓

These are examples only. The changes relevant to each transport or logistics operation depend on the vehicles, fuels, workshop activities, chemicals and processes present at each site. ***New manganese WELs: 0.1 mg/m³ inhalable and 0.02 mg/m³ respirable.

Common airborne exposures in transport & logistics

EXPOSURE	WHERE IT MAY OCCUR
Diesel exhaust	Depots, loading docks, warehouses, workshops, yards and enclosed areas
Welding fumes	Vehicle and equipment maintenance, repairs and fabrication
Metal dusts	Grinding, cutting and workshop maintenance
Solvents & VOCs	Cleaning, degreasing, painting and maintenance products
Battery-related chem.	Battery charging, servicing and maintenance areas
Dusts and particulates	Warehousing, freight handling, bulk materials and yard activities

Important: not every exposure listed above has a changing limit. The substances relevant to your workplace depend on the specific activities undertaken at your sites.

IDENTIFY CONTAMINANTS



ASSESS EXPOSURE



AIR MONITORING



COMPARE LIMITS



RECOMMEND CONTROLS

 WWW.JTA.COM.AU

 1300 856 282

 AUSTRALIA WIDE