COSHH Task Assessment

Hollins & Reed Contracting Ltd

Project or site	Trade	Date assessed	Assessment ref
Basement fit-out, Block B	**Groundworks**	**5 October 2026**	**CA-013**

What the work makes			
Task	Running plant	**Material worked**	Diesel engines
Dust or fume made	Diesel engine exhaust	**Tool used**	Generator, 1 tonne dumper
Where	Partly enclosed basement	**How long a shift**	Dumper up to 2 hours a day

Exposure limit			
WEL, 8-hour	None for exhaust. CO 20, NO2 0.5 ppm	**WEL, 15-minute**	CO 100, NO2 1 ppm
Monitoring result	CO2 640 ppm, an indicator	**Measured on**	2 October 2026

Who could be harmed	People doing it	Others nearby	Cleaners, fitters	Visitors, public	Higher risk
Driver, everyone in the basement	☑	☑	☐	☐	☐

Health effects
Irritates eyes and airways. Long exposure, above all to blue or black smoke, can cause coughing and breathlessness.
Repeated exposure over many years can increase the risk of lung cancer.

Controls	In place	Still needed
Another method	Generator outside, exhaust away from the fan.	Price an electric dumper.
On-tool extraction	Not used on the dumper.	
Water suppression	Not used on exhaust.	
Room ventilation	Fan blows fresh air in. Ramp doors open.	
Fewer, for less time	Engine off when idle. One dumper down at a time.	
Clean-up	Soot on walls means control is failing: stop.	

RPE: type and filter	Disposable	Half mask	Powered	Face-fit tested	Eye protection
Not used. RPE is the last resort.	☐	☐	☐	☐	☐

Also needed	Yes	No	Detail	Next due
Exposure monitoring	☑	☐	CO2 meter. Over 1000 ppm: stop, check fan.	Weekly
Health surveillance	☐	☑	None required for exhaust. Irritation: stop.	
LEV examination	☐	☑	None used.	
Training	☑	☐	Smoke colours, engine off, fan, soot.	Before start

Further action	Who	By when	Checked
Dumper serviced, no blue or black smoke	DH	Before start	
Fan and CO2 meter on site	DH	Before start	

Assessed by	Signed	Date	Next review
Dan Hollins		**5 October 2026**	**5 October 2027**

Worked example. Change it to fit your job before you use it.