

FDR Standard – Mining Areas

What is the Fugitive Dust Ranking Standard?

- An innovative approach designed to empower employees & contractors to “own” dust suppression outcomes
- A consistent targeted standard that utilises an illustrated table that all personnel can use to rank dust emission levels from an activity
- Provides clear instruction for corrective actions
- Makes all personnel responsible for dust control

Refer to QP50.68: Fugitive Dust Ranking Standard- Whyalla & Ardrossan Mines

Dust control in the contractor exclusive areas is the responsibility of the contractor but everyone’s responsibility to report

Every mine site has site specific dust controls that must be implemented

We all need to:

- Carry out regular Fugitive Dust Ranking (FDR) observations
- Immediately respond with EMP controls
- Report incidents as required

FUGITIVE DUST RANKING- SIMEC MINES (QP50.68 Att A)

FDR	Assessment	Roads/Vehicle Movement	Material Processing (Crushing & Screening/Mobile Plant)	Controls	Reporting
FDR 0	Acceptable emissions Dust is 90% transparent 50m from the dust source			Note: Refer to the site EMP Ensure adequate EMP controls are in place, think ahead	Environment Incident Reports. <i>None required</i>
FDR 1	Localised impacts that warrants control measures Dust is 50% transparent 50m from the dust source Dust plume remains within the work area			Notify your supervisor. Escalate EMP dust controls as required to ensure FDR target is not exceeded	<i>Record Actions in Shift Log</i>
FDR 2	Potential safety hazard/environmental impacts Dust is 25% transparent 50m from the dust source Vision partially obscured Discomfort to operators Visible plume leaves the work area and moves toward the tenement boundaries			Notify your Supervisor. Escalate EMP dust controls to maximum. Stop if controls not available.	<i>Report an Incident only if continuing without controls</i>
FDR 3	Definite safety hazard/Environmental Harm Very low transparency 50m from the dust source Vision obscured High level discomfort to operators Visible dust plume is seen to leave the mining tenements and moves towards residences or sensitive receptors			Stop activity	<i>Incident report within 24 hours</i>