

Silica & Dust Reduction Chart

Air sampling tests taken throughout the works at various points.
Independently replicated and confirmed by the Environment Agency

Total dust (Mg/cu.m)	Without Suppression	With Mist-Air Suppression	Difference	Improvement
Position 1	2.4	0.5	1.9	79 % reduction
Position 2	2.5	0.2	2.3	92 % reduction
Position 3	4.2	0.5	3.7	88 % reduction

Total resp. dust (Mg/cu.m)	Without Suppression	With Mist-Air Suppression	Difference	Improvement
Position 1	0.6	0.2	0.4	66 % reduction
Position 2	0.4	0.1	0.3	75 % reduction
Position 3	0.9	0.5	0.4	44 % reduction

Total resp. silica (Mg/cu.m)	Without Suppression	With Mist-Air Suppression	Difference	Improvement
Position 1	0.23	0.04	0.19	83 % reduction
Position 2	0.56	0.03	0.53	94 % reduction
Position 3	0.76	0.04	0.72	95 % reduction
Position 4	0.17	0.07	0.1	89 % reduction
Position 5	0.31	0.11	0.2	64 % reduction
Position 6	0.17	0.02	0.15	88 % reduction