

Dustless®

-
-
-
-
-
-
-
-

Dustless[®]



Measurements per cubic foot of air									
	Timestamp	>0.3	>0.5	>0.7	>1.0	>3.0	>5.0	Model	Unit
Coring	12:17:18 PM thru 12:19:12 PM	6,307,300.0	824,940.0	285,360.0	156,840.0	56,120.0	2,780.0	IQ Air Pro	per ft3
Amount <each size		5,482,360.0	539,580.0	128,520.0	100,720.0	53,340.0	2,780.0	IQ Air Pro	per ft3
Micrograms of dust		683.3	112.1	37.4	41.8	66.5	5.8	IQ Air Pro	per ft3

Measurements per cubic meter of air									
	Timestamp								
Coring	12:17:18 PM thru 12:19:12 PM	178,602.6	23,359.7	8,080.5	4,441.2	1,589.1	78.7	#REF!	Per m3
Amount <each size		155,242.9	15,279.2	3,639.3	2,852.1	1,510.4	78.7	#REF!	Per m3
Micrograms of dust		19.3	3.2	1.1	1.2	1.9	0.3	IQ Air Pro	Per m3
Amount of silica		1.8	0.3	0.1	0.1	0.2	0.0	IQ Air Pro	Per m3
APF		0.0	0.0	0.0	0.0	0.0	0.0		

Variables for calculation				
Silica PEL	5.00E+01	micrograms	per cubic meter	
	1.00E+09	cubic microns	per cubic mm	
	2.41E-06	kg	of concrete per cubic mm	
	1.00E-09	kg	per microgram	
A micron of concrete weighs	4.15E-04	micrograms		
Cubic foot is	2.83E-02	Cubic meters		
% silica in concrete	9.30%			

Analysis Summary		
Total µG of silica	2.51	<50µG PEL <25µG Action level
Max APF required	0.05	No APF Req'd

Dustless®

Innovating Dust Control Solutions

Dustless®

Measurements per cubic foot of air									
	Timestamp	>0.3	>0.5	>0.7	>1.0	>3.0	>5.0	Model	Unit
Coring	12:17:18 PM thru 12:19:12 PM	9,425,660.6	2,480,351.5	1,535,357.6	1,080,933.3	646,533.3	64,654.5	IQ Air Pro	per ft3
Amount <each size		6,945,309.1	944,993.9	454,424.2	434,400.0	581,878.8	64,654.5	IQ Air Pro	per ft3
Micrograms of dust		865.6	196.3	132.2	180.5	725.2	134.3	IQ Air Pro	per ft3

Measurements per cubic meter of air									
	Timestamp								
Coring	12:17:18 PM thru 12:19:12 PM	266,904.5	70,235.6	43,476.4	30,608.6	18,307.8	1,830.8	IQ Air Pro	Per m3
Amount <each size		196,668.9	26,759.2	12,867.8	12,300.8	16,476.9	1,830.8	IQ Air Pro	Per m3
Micrograms of dust		24.5	5.6	3.7	5.1	20.5	7.6	IQ Air Pro	Per m3
Amount of silica		2.3	0.5	0.3	0.5	1.9	0.7	IQ Air Pro	Per m3
APF		0.0	0.0	0.0	0.0	0.0	0.0		

Variables for calculation				
Silica PEL	5.00E+01	micrograms	per cubic meter	
	1.00E+09	cubic microns	per cubic mm	
	2.41E-06	kg	of concrete per cubic mm	
	1.00E-09	kg	per microgram	
A micron of concrete weighs	4.15E-04	micrograms		
Cubic foot is	2.83E-02	Cubic meters		
% silica in concrete	9.30%			

Analysis Summary		
Total µG of silica	6.24	<50µG PEL <25µG Action level
Max APF required	0.12	No APF Req'd

Dustless®

Innovating Dust Control Solutions



Measurements per cubic foot of air									
	Timestamp	>0.3	>0.5	>0.7	>1.0	>3.0	>5.0	Model	Unit
Coring	12:17:18 PM thru 12:19:12 PM	6,927,093.9	2,906,971.4	2,256,089.8	1,736,734.7	1,286,971.4	437,502.0	IQ Air Pro	per ft3
Amount <each size		4,020,122.4	650,881.6	519,355.1	449,763.3	849,469.4	437,502.0	IQ Air Pro	per ft3
Micrograms of dust		501.1	135.2	151.0	186.9	1,058.7	908.8	IQ Air Pro	per ft3

Measurements per cubic meter of air									
	Timestamp								
Coring	12:17:18 PM thru 12:19:12 PM	196,153.1	82,316.1	63,885.2	49,178.8	36,442.9	12,388.7	IQ Air Pro	Per m3
Amount <each size		113,837.0	18,430.9	14,706.5	12,735.9	24,054.3	12,388.7	IQ Air Pro	Per m3
Micrograms of dust		14.2	3.8	4.3	5.3	30.0	51.5	IQ Air Pro	Per m3
Amount of silica		1.3	0.4	0.4	0.5	2.8	4.8	IQ Air Pro	Per m3
APF		0.0	0.0	0.0	0.0	0.1	0.1		

Variables for calculation			
Silica PEL	5.00E+01	micrograms	per cubic meter
Amount of dust	1.00E+09	micrograms	per cubic meter
Weight	2.00E+00	kg	of raw material per cubic meter
Concentration	1.00E+01	kg	per cubic meter
Amount of dust	4.00E+09	micrograms	
Weight	2.00E+00	kg	
Concentration	2.00E+00	kg	
% silica in concrete	9=10%		

Analysis Summary		
Total µG of silica	10.14	<50µG PEL <25µG Action level
Micrograms of dust	14.2	Micrograms of dust
Micrograms of silica	1.3	Micrograms of silica