



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói làm nguội

Thời gian báo cáo: Từ: 31/03/2023

Tới: 31/03/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
31/03/2023 00:00:00	0.21	18,152.13	21.06	99.92
31/03/2023 00:05:00	0.16	18,017.85	21.20	99.90
31/03/2023 00:10:00	0.16	17,798.12	20.76	99.90
31/03/2023 00:15:00	0.16	17,553.98	20.62	99.89
31/03/2023 00:20:00	0.18	18,890.67	20.78	99.87
31/03/2023 00:25:00	0.14	17,425.80	20.76	99.87
31/03/2023 00:30:00	0.11	19,018.84	20.60	99.86
31/03/2023 00:35:00	0.18	18,390.17	20.74	99.86
31/03/2023 00:40:00	0.16	18,390.17	21.06	99.88
31/03/2023 00:45:00	0.11	0.00	20.76	99.86
31/03/2023 00:50:00	0.14	18,390.17	20.90	99.86
31/03/2023 00:55:00	0.14	18,152.13	20.62	99.86
31/03/2023 01:00:00	0.18	17,651.64	20.76	99.87
31/03/2023 01:05:00	0.11	18,390.17	21.08	99.87
31/03/2023 01:10:00	0.14	18,744.18	21.36	99.86
31/03/2023 01:15:00	0.07	18,390.17	20.46	99.87
31/03/2023 01:20:00	0.14	17,889.68	21.36	99.83
31/03/2023 01:25:00	0.21	18,390.17	21.23	99.84
31/03/2023 01:30:00	0.11	19,000.53	21.06	99.84
31/03/2023 01:35:00	0.14	17,535.67	20.60	99.83
31/03/2023 01:40:00	0.09	18,390.17	21.39	99.82
31/03/2023 01:45:00	0.07	18,500.04	20.44	99.83
31/03/2023 01:50:00	0.18	18,744.18	20.76	99.82
31/03/2023 01:55:00	0.11	17,743.19	20.60	99.82
31/03/2023 02:00:00	0.14	18,133.82	20.58	99.82
31/03/2023 02:05:00	0.18	18,371.86	20.42	99.81
31/03/2023 02:10:00	0.18	18,353.55	20.71	99.80
31/03/2023 02:15:00	0.09	18,982.22	21.20	99.82
31/03/2023 02:20:00	0.16	17,279.32	20.60	99.82
31/03/2023 02:25:00	0.18	17,889.68	20.74	99.82
31/03/2023 02:30:00	0.14	0.00	20.74	99.78
31/03/2023 02:35:00	0.11	18,133.82	20.60	99.77
31/03/2023 02:40:00	0.11	17,651.64	20.74	99.78
31/03/2023 02:45:00	0.21	17,553.98	20.92	99.79
31/03/2023 02:50:00	0.18	18,262.00	20.27	99.79
31/03/2023 02:55:00	0.14	17,889.68	20.76	99.79
31/03/2023 03:00:00	0.11	17,407.49	21.06	99.78
31/03/2023 03:05:00	0.14	18,109.41	20.13	99.78
31/03/2023 03:10:00	0.23	18,390.17	20.62	99.76
31/03/2023 03:15:00	0.18	18,017.85	20.44	99.77

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
31/03/2023 03:20:00	0.16	18,262.00	20.13	99.77
31/03/2023 03:25:00	0.02	17,761.50	20.13	99.79
31/03/2023 03:30:00	0.23	17,407.49	20.76	99.76
31/03/2023 03:35:00	0.14	18,628.21	20.44	99.76
31/03/2023 03:40:00	0.07	18,017.85	20.58	99.77
31/03/2023 03:45:00	0.11	18,762.49	20.62	99.77
31/03/2023 03:50:00	0.16	18,408.48	20.29	99.79
31/03/2023 03:55:00	0.14	16,687.27	20.00	99.78
31/03/2023 04:00:00	0.16	18,390.17	20.74	99.79
31/03/2023 04:05:00	0.23	18,628.21	19.86	99.81
31/03/2023 04:10:00	0.41	18,762.49	20.18	99.82
31/03/2023 04:15:00	0.48	0.00	20.13	99.81
31/03/2023 04:20:00	0.74	17,798.12	20.62	99.82
31/03/2023 04:25:00	0.72	17,889.68	20.00	99.80
31/03/2023 04:30:00	0.76	17,297.63	20.32	99.81
31/03/2023 04:35:00	1.11	16,577.40	20.00	99.82
31/03/2023 04:40:00	1.04	17,535.67	19.97	99.79
31/03/2023 04:45:00	1.08	18,371.86	19.84	99.78
31/03/2023 04:50:00	0.90	16,687.27	19.23	99.79
31/03/2023 04:55:00	0.85	18,133.82	19.51	99.79
31/03/2023 05:00:00	0.63	18,262.00	19.39	99.82
31/03/2023 05:05:00	0.72	18,017.85	19.69	99.82
31/03/2023 05:10:00	0.46	17,779.81	18.93	99.82
31/03/2023 05:15:00	0.41	18,262.00	19.23	99.82
31/03/2023 05:20:00	0.39	18,670.94	19.12	99.83
31/03/2023 05:25:00	0.46	17,553.98	19.10	99.85
31/03/2023 05:30:00	0.37	18,762.49	19.69	99.85
31/03/2023 05:35:00	0.48	17,926.30	19.26	99.85
31/03/2023 05:40:00	0.37	17,907.99	18.93	99.85
31/03/2023 05:45:00	0.32	17,798.12	19.55	99.86
31/03/2023 05:50:00	0.30	17,187.76	19.53	99.87
31/03/2023 05:55:00	0.34	17,669.95	18.93	99.87
31/03/2023 06:00:00	0.34	0.00	19.07	99.86
31/03/2023 06:05:00	0.37	18,170.44	18.93	99.87
31/03/2023 06:10:00	0.63	17,669.95	19.30	99.91
31/03/2023 06:15:00	0.60	18,762.49	19.53	99.91
31/03/2023 06:20:00	0.65	18,036.16	19.39	99.92
31/03/2023 06:25:00	0.67	18,481.73	19.39	99.90
31/03/2023 06:30:00	0.67	17,798.12	19.53	99.90
31/03/2023 06:35:00	0.95	17,425.80	18.95	99.91
31/03/2023 06:40:00	0.81	17,907.99	19.39	99.93
31/03/2023 06:45:00	0.92	17,535.67	19.07	99.92
31/03/2023 06:50:00	1.04	17,151.14	18.91	99.93
31/03/2023 06:55:00	0.57	18,152.13	19.23	99.96
31/03/2023 07:00:00	0.57	17,926.30	19.23	99.97
31/03/2023 07:05:00	0.55	18,017.85	19.07	99.95
31/03/2023 07:10:00	0.60	18,500.04	19.39	99.95
31/03/2023 07:15:00	0.85	18,109.41	19.23	99.97
31/03/2023 07:20:00	0.72	18,762.49	19.53	99.97
31/03/2023 07:25:00	0.65	18,646.52	18.93	100.01
31/03/2023 07:30:00	0.81	18,152.13	19.37	99.99
31/03/2023 07:35:00	0.69	18,036.16	19.67	100.02
31/03/2023 07:40:00	0.76	18,152.13	19.55	100.01
31/03/2023 07:45:00	0.67	0.00	19.51	100.03

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
31/03/2023 07:50:00	0.83	19,244.68	19.35	100.02
31/03/2023 07:55:00	1.13	18,744.18	19.07	100.04
31/03/2023 08:00:00	0.67	18,017.85	19.69	100.05
31/03/2023 08:05:00	0.79	18,262.00	19.23	100.05
31/03/2023 08:10:00	0.79	18,762.49	19.23	100.05
31/03/2023 08:15:00	0.72	18,500.04	19.67	100.06
31/03/2023 08:20:00	0.43	17,761.50	19.67	100.06
31/03/2023 08:25:00	0.74	18,335.24	19.37	100.07
31/03/2023 08:30:00	0.34	18,762.49	19.69	100.05
31/03/2023 08:35:00	0.48	19,244.68	19.07	100.07
31/03/2023 08:40:00	1.01	19,720.76	19.84	100.07
31/03/2023 08:45:00	0.41	20,337.22	19.35	100.06
31/03/2023 08:50:00	0.43	20,202.94	19.21	100.06
31/03/2023 08:55:00	0.32	20,910.96	19.19	100.06
31/03/2023 09:00:00	0.53	20,801.10	19.33	100.06
31/03/2023 09:05:00	0.72	21,667.81	19.21	100.09
31/03/2023 09:10:00	0.48	20,685.13	19.51	100.10
31/03/2023 09:15:00	0.67	21,313.80	20.13	100.12
31/03/2023 09:20:00	0.46	20,856.03	19.67	100.13
31/03/2023 09:25:00	0.69	21,185.63	19.53	100.13
31/03/2023 09:30:00	0.53	0.00	19.97	100.10
31/03/2023 09:35:00	0.53	19,702.45	19.81	100.09
31/03/2023 09:40:00	0.50	20,337.22	19.65	100.10
31/03/2023 09:45:00	0.65	21,313.80	19.53	100.09
31/03/2023 09:50:00	0.76	21,893.64	19.79	100.07
31/03/2023 09:55:00	0.76	21,521.32	20.13	100.08
31/03/2023 10:00:00	0.57	21,893.64	20.11	100.08
31/03/2023 10:05:00	0.65	21,649.50	20.44	100.06
31/03/2023 10:10:00	0.48	21,795.99	20.27	100.06
31/03/2023 10:15:00	0.57	21,893.64	20.42	100.08
31/03/2023 10:20:00	0.57	21,911.96	20.27	100.07
31/03/2023 10:25:00	0.53	21,649.50	20.55	100.10
31/03/2023 10:30:00	0.79	22,150.00	20.58	100.10
31/03/2023 10:35:00	0.79	22,259.86	20.11	100.10
31/03/2023 10:40:00	0.74	22,021.82	19.81	100.10
31/03/2023 10:45:00	0.48	22,278.17	19.81	100.09
31/03/2023 10:50:00	0.69	21,295.49	20.00	100.07
31/03/2023 10:55:00	0.53	20,819.41	20.11	100.07
31/03/2023 11:00:00	0.43	21,411.46	20.58	100.10
31/03/2023 11:05:00	0.63	21,649.50	20.11	100.10
31/03/2023 11:10:00	0.46	21,875.33	20.69	100.09
31/03/2023 11:15:00	0.41	0.00	20.25	100.12
31/03/2023 11:20:00	0.43	21,411.46	19.97	100.11
31/03/2023 11:25:00	0.18	22,241.55	19.95	100.10
31/03/2023 11:30:00	0.43	21,893.64	20.11	100.10
31/03/2023 11:35:00	0.34	21,631.19	20.25	100.07
31/03/2023 11:40:00	0.34	22,150.00	20.87	100.07
31/03/2023 11:45:00	0.27	22,388.04	20.55	100.07
31/03/2023 11:50:00	0.23	22,278.17	20.27	100.05
31/03/2023 11:55:00	0.37	22,760.36	21.03	100.05
31/03/2023 12:00:00	0.34	22,632.18	20.42	100.03
31/03/2023 12:05:00	0.37	22,388.04	21.01	100.01
31/03/2023 12:10:00	0.69	22,760.36	20.71	99.99
31/03/2023 12:15:00	0.50	22,150.00	21.03	99.97

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
31/03/2023 12:20:00	0.25	21,911.96	20.74	99.95
31/03/2023 12:25:00	0.21	21,777.68	20.85	99.93
31/03/2023 12:30:00	0.18	21,911.96	21.34	99.94
31/03/2023 12:35:00	0.21	22,259.86	20.55	99.94
31/03/2023 12:40:00	0.23	22,522.32	21.18	99.93
31/03/2023 12:45:00	0.21	23,004.50	21.32	99.91
31/03/2023 12:50:00	0.21	23,004.50	21.01	99.91
31/03/2023 12:55:00	0.16	22,742.05	20.85	99.88
31/03/2023 13:00:00	0.11	0.00	20.87	99.89
31/03/2023 13:05:00	0.09	22,259.86	21.18	99.87
31/03/2023 13:10:00	0.11	22,632.18	21.03	99.87
31/03/2023 13:15:00	0.18	22,021.82	21.20	99.85
31/03/2023 13:20:00	0.23	22,131.69	21.32	99.85
31/03/2023 13:25:00	0.16	22,131.69	21.61	99.84
31/03/2023 13:30:00	0.16	22,131.69	21.34	99.83
31/03/2023 13:35:00	0.18	22,522.32	21.18	99.82
31/03/2023 13:40:00	0.32	22,504.01	21.34	99.82
31/03/2023 13:45:00	0.43	23,614.86	21.48	99.79
31/03/2023 13:50:00	0.27	23,205.92	21.45	99.77
31/03/2023 13:55:00	0.30	22,925.15	21.92	99.75
31/03/2023 14:00:00	0.25	23,114.37	21.92	99.75
31/03/2023 14:05:00	0.46	23,706.42	21.45	99.74
31/03/2023 14:10:00	0.32	23,443.96	22.38	99.73
31/03/2023 14:15:00	0.34	23,596.55	22.22	99.71
31/03/2023 14:20:00	0.27	24,316.78	21.92	99.73
31/03/2023 14:25:00	0.16	23,443.96	21.75	99.73
31/03/2023 14:30:00	0.14	24,689.10	22.38	99.69
31/03/2023 14:35:00	0.11	23,834.59	22.08	99.67
31/03/2023 14:40:00	0.11	23,834.59	22.22	99.68
31/03/2023 14:45:00	0.23	0.00	21.92	99.67
31/03/2023 14:50:00	0.18	23,334.10	22.68	99.67
31/03/2023 14:55:00	0.14	23,834.59	21.92	99.67
31/03/2023 15:00:00	0.21	23,596.55	22.38	99.66
31/03/2023 15:05:00	0.23	22,986.19	22.22	99.65
31/03/2023 15:10:00	0.18	23,352.41	22.38	99.63
31/03/2023 15:15:00	0.27	22,723.74	22.82	99.63
31/03/2023 15:20:00	0.30	23,224.23	22.82	99.64
31/03/2023 15:25:00	0.18	23,944.46	22.89	99.63
31/03/2023 15:30:00	0.27	23,834.59	22.35	99.62
31/03/2023 15:35:00	0.07	22,613.87	22.52	99.62
31/03/2023 15:40:00	0.07	23,224.23	22.98	99.60
31/03/2023 15:45:00	0.07	22,223.24	22.98	99.60
31/03/2023 15:50:00	0.00	23,224.23	23.15	99.59
31/03/2023 15:55:00	0.02	22,485.69	22.35	99.59
31/03/2023 16:00:00	0.02	23,096.06	23.15	99.57
31/03/2023 16:05:00	0.02	22,369.73	23.15	99.58
31/03/2023 16:10:00	0.00	24,188.60	22.66	99.58
31/03/2023 16:15:00	0.00	22,351.42	22.82	99.58
31/03/2023 16:20:00	0.00	22,003.51	22.98	99.58
31/03/2023 16:25:00	0.07	22,131.69	23.31	99.58
31/03/2023 16:30:00	0.05	0.00	22.82	99.57
31/03/2023 16:35:00	0.09	21,338.22	23.45	99.58
31/03/2023 16:40:00	0.05	22,003.51	23.00	99.58
31/03/2023 16:45:00	0.16	21,295.49	23.61	99.58

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
31/03/2023 16:50:00	0.11	21,759.37	23.15	99.57
31/03/2023 16:55:00	0.18	21,039.14	22.84	99.58
31/03/2023 17:00:00	0.16	21,631.19	23.61	99.59
31/03/2023 17:05:00	0.23	21,039.14	22.98	99.59
31/03/2023 17:10:00	0.23	21,149.00	23.45	99.60
31/03/2023 17:15:00	0.25	21,393.15	23.45	99.59
31/03/2023 17:20:00	0.32	21,167.32	23.61	99.61
31/03/2023 17:25:00	0.30	21,020.83	22.98	99.62
31/03/2023 17:30:00	0.32	20,856.03	23.91	99.63
31/03/2023 17:35:00	0.32	20,300.60	23.15	99.62
31/03/2023 17:40:00	0.41	20,184.63	23.77	99.64
31/03/2023 17:45:00	0.37	20,910.96	23.61	99.65
31/03/2023 17:50:00	0.48	21,039.14	23.74	99.64
31/03/2023 17:55:00	0.53	20,666.82	23.12	99.66
31/03/2023 18:00:00	0.48	20,929.27	23.47	99.65
31/03/2023 18:05:00	0.43	20,819.41	23.77	99.65
31/03/2023 18:10:00	0.57	20,520.33	23.15	99.66
31/03/2023 18:15:00	0.67	0.00	23.15	99.65
31/03/2023 18:20:00	0.50	20,929.27	23.19	99.67
31/03/2023 18:25:00	0.57	20,819.41	23.49	99.69
31/03/2023 18:30:00	0.60	20,465.40	23.03	99.68
31/03/2023 18:35:00	0.63	20,447.09	23.47	99.68
31/03/2023 18:40:00	0.67	20,465.40	23.35	99.68
31/03/2023 18:45:00	0.63	21,075.76	23.05	99.70
31/03/2023 18:50:00	0.50	20,703.44	23.79	99.68
31/03/2023 18:55:00	0.53	19,983.22	23.51	99.69
31/03/2023 19:00:00	0.55	20,447.09	23.49	99.67
31/03/2023 19:05:00	0.74	20,575.27	23.33	99.68
31/03/2023 19:10:00	0.41	20,685.13	23.47	99.70
31/03/2023 19:15:00	0.48	20,337.22	23.03	99.70
31/03/2023 19:20:00	0.46	20,202.94	23.47	99.71
31/03/2023 19:25:00	0.50	20,575.27	22.87	99.70
31/03/2023 19:30:00	0.48	20,337.22	22.87	99.70
31/03/2023 19:35:00	0.39	20,202.94	23.03	99.70
31/03/2023 19:40:00	0.41	19,983.22	22.73	99.71
31/03/2023 19:45:00	0.48	20,447.09	23.33	99.73
31/03/2023 19:50:00	0.48	20,337.22	22.73	99.71
31/03/2023 19:55:00	0.34	20,074.77	22.42	99.74
31/03/2023 20:00:00	0.32	0.00	22.73	99.75
31/03/2023 20:05:00	0.30	20,221.26	22.45	99.76
31/03/2023 20:10:00	0.21	19,836.73	23.03	99.75
31/03/2023 20:15:00	0.32	19,720.76	22.89	99.79
31/03/2023 20:20:00	0.39	19,745.17	22.59	99.79
31/03/2023 20:25:00	0.25	20,447.09	22.73	99.81
31/03/2023 20:30:00	0.53	19,836.73	22.57	99.79
31/03/2023 20:35:00	0.21	19,592.58	22.26	99.79
31/03/2023 20:40:00	0.30	19,873.35	22.29	99.82
31/03/2023 20:45:00	0.27	20,447.09	22.57	99.85
31/03/2023 20:50:00	0.43	19,482.72	22.57	99.84
31/03/2023 20:55:00	0.18	19,482.72	22.59	99.84
31/03/2023 21:00:00	0.25	19,592.58	22.57	99.86
31/03/2023 21:05:00	0.32	19,110.40	22.40	99.85
31/03/2023 21:10:00	0.16	19,592.58	21.90	99.87
31/03/2023 21:15:00	0.09	19,964.90	22.13	99.87

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
31/03/2023 21:20:00	0.16	19,855.04	22.40	99.87
31/03/2023 21:25:00	0.07	19,745.17	22.31	99.86
31/03/2023 21:30:00	0.02	19,226.37	22.40	99.85
31/03/2023 21:35:00	0.00	19,244.68	22.59	99.88
31/03/2023 21:40:00	0.00	19,482.72	21.83	99.89
31/03/2023 21:45:00	0.00	0.00	22.26	99.87
31/03/2023 21:50:00	0.00	19,354.54	22.26	99.88
31/03/2023 21:55:00	0.00	19,372.85	22.73	99.88
31/03/2023 22:00:00	0.00	19,983.22	22.59	99.88
31/03/2023 22:05:00	0.00	20,465.40	22.13	99.87
31/03/2023 22:10:00	0.00	19,372.85	22.59	99.88
31/03/2023 22:15:00	0.05	19,873.35	21.99	99.87
31/03/2023 22:20:00	0.00	19,983.22	22.29	99.89
31/03/2023 22:25:00	0.00	20,093.08	21.99	99.91
31/03/2023 22:30:00	0.00	19,110.40	21.97	99.90
31/03/2023 22:35:00	0.05	19,501.03	21.83	99.90
31/03/2023 22:40:00	0.18	18,670.94	21.83	99.90
31/03/2023 22:45:00	0.14	19,482.72	22.26	99.92
31/03/2023 22:50:00	0.11	18,890.67	21.99	99.92
31/03/2023 22:55:00	0.07	18,890.67	21.97	99.93
31/03/2023 23:00:00	0.14	19,354.54	22.13	99.92
31/03/2023 23:05:00	0.21	19,244.68	22.13	99.91
31/03/2023 23:10:00	0.32	19,372.85	21.52	99.92
31/03/2023 23:15:00	0.32	19,855.04	21.66	99.90
31/03/2023 23:20:00	0.07	19,836.73	21.50	99.91
31/03/2023 23:25:00	0.09	19,592.58	21.50	99.90
31/03/2023 23:30:00	0.30	0.00	21.97	99.89
31/03/2023 23:35:00	0.88	18,872.36	22.13	99.90
31/03/2023 23:40:00	0.39	19,000.53	21.08	99.87
31/03/2023 23:45:00	0.67	18,500.04	21.83	99.88
31/03/2023 23:50:00	0.53	19,165.33	21.36	99.87
31/03/2023 23:55:00	0.37	19,354.54	21.06	99.87