



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: 06/04/2023

Tới: 06/04/2023

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)
06/04/2023 00:00:00	0.00	17,499.05	26.20	99.50
06/04/2023 00:05:00	0.00	18,091.10	26.67	99.51
06/04/2023 00:10:00	0.11	17,981.23	26.96	99.50
06/04/2023 00:15:00	0.02	0.00	26.96	99.50
06/04/2023 00:20:00	0.02	16,650.64	26.36	99.50
06/04/2023 00:25:00	0.00	18,963.91	26.99	99.50
06/04/2023 00:30:00	0.00	17,370.87	26.67	99.49
06/04/2023 00:35:00	0.00	16,260.01	26.20	99.48
06/04/2023 00:40:00	0.05	16,516.37	26.80	99.49
06/04/2023 00:45:00	0.05	17,743.19	26.50	99.47
06/04/2023 00:50:00	0.00	17,370.87	26.20	99.48
06/04/2023 00:55:00	0.00	17,724.88	26.04	99.47
06/04/2023 01:00:00	0.00	16,888.69	26.64	99.48
06/04/2023 01:05:00	0.09	17,743.19	26.50	99.49
06/04/2023 01:10:00	0.16	17,962.92	26.20	99.47
06/04/2023 01:15:00	0.30	17,132.83	26.20	99.48
06/04/2023 01:20:00	0.39	17,871.37	26.52	99.48
06/04/2023 01:25:00	0.25	18,133.82	26.50	99.47
06/04/2023 01:30:00	0.25	18,243.69	25.73	99.47
06/04/2023 01:35:00	0.11	0.00	26.34	99.46
06/04/2023 01:40:00	0.00	18,243.69	25.73	99.47
06/04/2023 01:45:00	0.00	0.00	25.76	99.47
06/04/2023 01:50:00	0.00	17,871.37	25.90	99.47
06/04/2023 01:55:00	0.00	0.00	26.06	99.46
06/04/2023 02:00:00	0.07	0.00	25.88	99.45
06/04/2023 02:05:00	0.00	0.00	26.36	99.46
06/04/2023 02:10:00	0.02	19,092.09	25.76	99.46
06/04/2023 02:15:00	0.00	15,814.45	26.18	99.46
06/04/2023 02:20:00	0.00	16,668.96	25.90	99.45
06/04/2023 02:25:00	0.00	17,035.17	25.90	99.45
06/04/2023 02:30:00	0.00	0.00	26.04	99.45
06/04/2023 02:35:00	0.05	17,279.32	26.06	99.44
06/04/2023 02:40:00	0.11	17,370.87	26.20	99.42
06/04/2023 02:45:00	0.00	17,499.05	26.50	99.42
06/04/2023 02:50:00	0.00	0.00	26.67	99.44
06/04/2023 02:55:00	0.00	17,016.86	26.22	99.43
06/04/2023 03:00:00	0.09	16,888.69	26.34	99.42
06/04/2023 03:05:00	0.02	16,540.78	26.22	99.42
06/04/2023 03:10:00	0.00	15,906.00	26.36	99.44

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)
06/04/2023 03:15:00	0.09	16,168.46	26.06	99.43
06/04/2023 03:20:00	0.00	0.00	25.88	99.42
06/04/2023 03:25:00	0.00	18,225.38	26.36	99.43
06/04/2023 03:30:00	0.00	0.00	25.90	99.42
06/04/2023 03:35:00	0.00	17,761.50	26.22	99.44
06/04/2023 03:40:00	0.00	0.00	25.73	99.44
06/04/2023 03:45:00	0.00	0.00	25.88	99.43
06/04/2023 03:50:00	0.00	17,615.01	25.88	99.42
06/04/2023 03:55:00	0.00	0.00	26.18	99.42
06/04/2023 04:00:00	0.00	0.00	26.50	99.43
06/04/2023 04:05:00	0.00	17,370.87	25.90	99.45
06/04/2023 04:10:00	0.00	19,244.68	26.09	99.45
06/04/2023 04:15:00	0.00	0.00	25.90	99.46
06/04/2023 04:20:00	0.00	15,924.32	26.22	99.47
06/04/2023 04:25:00	0.02	17,633.33	25.60	99.47
06/04/2023 04:30:00	0.00	16,760.51	25.93	99.48
06/04/2023 04:35:00	0.00	0.00	25.60	99.47
06/04/2023 04:40:00	0.00	16,278.32	25.88	99.47
06/04/2023 04:45:00	0.00	15,667.96	26.47	99.47
06/04/2023 04:50:00	0.00	15,906.00	25.62	99.47
06/04/2023 04:55:00	0.00	15,851.07	26.34	99.48
06/04/2023 05:00:00	0.00	16,168.46	25.60	99.50
06/04/2023 05:05:00	0.00	0.00	26.18	99.51
06/04/2023 05:10:00	0.00	17,499.05	25.60	99.51
06/04/2023 05:15:00	0.00	18,225.38	26.36	99.53
06/04/2023 05:20:00	0.00	17,724.88	26.20	99.55
06/04/2023 05:25:00	0.00	17,981.23	26.04	99.55
06/04/2023 05:30:00	0.00	0.00	26.20	99.55
06/04/2023 05:35:00	0.09	19,336.23	26.34	99.55
06/04/2023 05:40:00	0.00	18,481.73	25.73	99.57
06/04/2023 05:45:00	0.00	17,389.18	25.90	99.56
06/04/2023 05:50:00	0.00	17,981.23	25.93	99.58
06/04/2023 05:55:00	0.11	15,777.83	25.57	99.57
06/04/2023 06:00:00	0.16	18,481.73	26.06	99.60
06/04/2023 06:05:00	0.00	19,092.09	25.90	99.59
06/04/2023 06:10:00	0.00	18,591.59	25.57	99.60
06/04/2023 06:15:00	0.00	18,335.24	25.60	99.62
06/04/2023 06:20:00	0.00	19,208.06	26.34	99.62
06/04/2023 06:25:00	0.00	19,073.78	26.18	99.62
06/04/2023 06:30:00	0.00	19,928.28	25.88	99.65
06/04/2023 06:35:00	0.00	20,056.46	26.36	99.65
06/04/2023 06:40:00	0.02	19,446.10	25.46	99.69
06/04/2023 06:45:00	0.00	19,702.45	26.29	99.70
06/04/2023 06:50:00	0.00	20,257.88	26.20	99.69
06/04/2023 06:55:00	0.00	20,556.95	26.22	99.72
06/04/2023 07:00:00	0.00	20,184.63	25.76	99.71
06/04/2023 07:05:00	0.00	20,556.95	26.06	99.72
06/04/2023 07:10:00	0.00	20,428.78	26.52	99.75
06/04/2023 07:15:00	0.00	0.00	26.20	99.74
06/04/2023 07:20:00	0.00	20,666.82	26.50	99.74
06/04/2023 07:25:00	0.00	20,929.27	26.45	99.75
06/04/2023 07:30:00	0.00	21,631.19	26.64	99.77
06/04/2023 07:35:00	0.00	21,985.20	26.78	99.79

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)
06/04/2023 07:40:00	0.00	21,258.87	26.94	99.79
06/04/2023 07:45:00	0.00	21,875.33	26.18	99.80
06/04/2023 07:50:00	0.00	21,850.92	26.92	99.82
06/04/2023 07:55:00	0.02	22,351.42	26.64	99.84
06/04/2023 08:00:00	0.05	21,875.33	26.62	99.85
06/04/2023 08:05:00	0.11	22,113.37	26.47	99.87
06/04/2023 08:10:00	0.16	22,113.37	26.64	99.87
06/04/2023 08:15:00	0.27	22,613.87	26.94	99.88
06/04/2023 08:20:00	0.23	22,113.37	26.92	99.87
06/04/2023 08:25:00	1.15	22,833.60	27.08	99.89
06/04/2023 08:30:00	0.25	22,333.10	27.38	99.87
06/04/2023 08:35:00	0.39	22,723.74	27.24	99.89
06/04/2023 08:40:00	0.27	22,467.38	27.38	99.91
06/04/2023 08:45:00	0.53	23,443.96	27.22	99.90
06/04/2023 08:50:00	0.37	22,815.29	27.22	99.91
06/04/2023 08:55:00	0.50	22,186.62	27.36	99.92
06/04/2023 09:00:00	0.55	0.00	27.52	99.91
06/04/2023 09:05:00	0.60	22,949.57	27.52	99.93
06/04/2023 09:10:00	0.79	22,815.29	27.66	99.92
06/04/2023 09:15:00	1.88	23,779.66	27.96	99.93
06/04/2023 09:20:00	0.63	23,041.12	27.96	99.92
06/04/2023 09:25:00	0.81	23,315.79	27.99	99.93
06/04/2023 09:30:00	0.60	23,041.12	28.42	99.92
06/04/2023 09:35:00	0.85	22,796.98	28.10	99.90
06/04/2023 09:40:00	0.67	23,279.16	28.56	99.90
06/04/2023 09:45:00	0.88	24,499.89	28.10	99.90
06/04/2023 09:50:00	0.81	24,005.49	28.86	99.90
06/04/2023 09:55:00	0.88	24,243.53	28.37	99.92
06/04/2023 10:00:00	0.92	24,835.58	29.00	99.92
06/04/2023 10:05:00	0.81	24,115.36	29.30	99.91
06/04/2023 10:10:00	0.79	25,317.77	28.70	99.92
06/04/2023 10:15:00	0.72	23,688.11	29.16	99.92
06/04/2023 10:20:00	0.76	22,906.84	29.16	99.90
06/04/2023 10:25:00	0.85	22,870.22	29.60	99.91
06/04/2023 10:30:00	0.81	22,705.42	29.33	99.93
06/04/2023 10:35:00	1.08	25,226.21	29.47	99.93
06/04/2023 10:40:00	1.32	25,671.78	29.30	99.93
06/04/2023 10:45:00	1.08	0.00	29.90	99.92
06/04/2023 10:50:00	1.25	24,499.89	29.92	99.92
06/04/2023 10:55:00	1.15	24,835.58	30.07	99.92
06/04/2023 11:00:00	1.30	24,615.85	29.60	99.93
06/04/2023 11:05:00	1.32	26,300.45	29.74	99.92
06/04/2023 11:10:00	1.46	24,225.22	30.05	99.89
06/04/2023 11:15:00	1.34	25,226.21	29.90	99.89
06/04/2023 11:20:00	1.69	24,725.72	30.07	99.89
06/04/2023 11:25:00	1.55	24,835.58	30.50	99.86
06/04/2023 11:30:00	1.53	24,963.76	30.21	99.87
06/04/2023 11:35:00	1.71	24,353.40	30.07	99.87
06/04/2023 11:40:00	1.62	24,835.58	30.65	99.86
06/04/2023 11:45:00	1.66	24,225.22	31.11	99.85
06/04/2023 11:50:00	1.73	25,207.90	31.13	99.83
06/04/2023 11:55:00	1.83	24,353.40	30.67	99.83
06/04/2023 12:00:00	1.73	25,336.08	30.67	99.80

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)
06/04/2023 12:05:00	1.57	23,944.46	31.13	99.81
06/04/2023 12:10:00	1.41	24,115.36	31.46	99.82
06/04/2023 12:15:00	1.83	23,389.03	30.97	99.79
06/04/2023 12:20:00	1.78	24,335.09	30.97	99.79
06/04/2023 12:25:00	1.53	23,981.08	31.41	99.78
06/04/2023 12:30:00	1.69	0.00	31.13	99.77
06/04/2023 12:35:00	1.62	24,097.05	31.11	99.75
06/04/2023 12:40:00	1.73	24,707.41	31.87	99.76
06/04/2023 12:45:00	1.95	24,353.40	31.27	99.74
06/04/2023 12:50:00	1.75	24,335.09	31.55	99.73
06/04/2023 12:55:00	1.66	24,689.10	31.99	99.70
06/04/2023 13:00:00	1.59	25,555.81	31.87	99.70
06/04/2023 13:05:00	1.55	23,614.86	32.20	99.70
06/04/2023 13:10:00	1.71	24,481.57	32.96	99.70
06/04/2023 13:15:00	1.95	24,335.09	32.17	99.67
06/04/2023 13:20:00	2.57	23,962.77	33.23	99.67
06/04/2023 13:25:00	2.04	25,079.73	32.63	99.65
06/04/2023 13:30:00	3.27	25,653.47	33.40	99.62
06/04/2023 13:35:00	1.71	23,505.00	32.36	99.61
06/04/2023 13:40:00	1.69	23,132.68	31.87	99.62
06/04/2023 13:45:00	1.88	23,761.35	32.33	99.61
06/04/2023 13:50:00	1.66	22,870.22	33.81	99.58
06/04/2023 13:55:00	2.29	24,499.89	32.47	99.58
06/04/2023 14:00:00	1.97	25,055.31	32.31	99.59
06/04/2023 14:05:00	2.62	23,852.90	32.17	99.57
06/04/2023 14:10:00	2.01	23,486.69	33.07	99.58
06/04/2023 14:15:00	2.64	0.00	34.00	99.56
06/04/2023 14:20:00	2.11	25,445.94	32.17	99.54
06/04/2023 14:25:00	2.53	24,353.40	32.96	99.56
06/04/2023 14:30:00	1.90	24,335.09	33.70	99.53
06/04/2023 14:35:00	2.22	24,945.45	34.00	99.55
06/04/2023 14:40:00	2.40	24,115.36	32.80	99.55
06/04/2023 14:45:00	2.06	24,225.22	32.94	99.53
06/04/2023 14:50:00	1.80	23,486.69	32.47	99.52
06/04/2023 14:55:00	2.55	24,206.91	32.78	99.51
06/04/2023 15:00:00	2.06	23,370.72	33.54	99.51
06/04/2023 15:05:00	2.22	23,614.86	33.56	99.50
06/04/2023 15:10:00	2.78	27,765.32	34.03	99.47
06/04/2023 15:15:00	2.62	26,037.99	32.61	99.49
06/04/2023 15:20:00	2.40	23,871.21	33.42	99.50
06/04/2023 15:25:00	2.46	24,707.41	32.80	99.48
06/04/2023 15:30:00	2.27	25,207.90	32.96	99.49
06/04/2023 15:35:00	2.48	23,242.54	34.30	99.49
06/04/2023 15:40:00	3.75	24,707.41	33.84	99.48
06/04/2023 15:45:00	2.50	24,725.72	33.10	99.47
06/04/2023 15:50:00	2.66	23,871.21	33.10	99.47
06/04/2023 15:55:00	3.04	23,505.00	33.10	99.46
06/04/2023 16:00:00	3.24	0.00	33.84	99.47
06/04/2023 16:05:00	3.08	24,023.80	33.72	99.47
06/04/2023 16:10:00	2.75	23,132.68	34.49	99.47
06/04/2023 16:15:00	4.14	23,370.72	34.62	99.47
06/04/2023 16:20:00	2.62	24,835.58	34.49	99.45
06/04/2023 16:25:00	2.50	22,760.36	33.70	99.45

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)
06/04/2023 16:30:00	3.54	23,743.04	34.16	99.47
06/04/2023 16:35:00	2.57	22,278.17	34.16	99.46
06/04/2023 16:40:00	3.91	22,888.53	33.12	99.47
06/04/2023 16:45:00	2.94	23,633.17	34.19	99.47
06/04/2023 16:50:00	3.29	25,836.58	33.72	99.46
06/04/2023 16:55:00	3.38	28,876.17	32.96	99.47
06/04/2023 17:00:00	3.08	24,853.89	33.59	99.46
06/04/2023 17:05:00	3.22	32,782.48	33.42	99.45
06/04/2023 17:10:00	3.47	27,557.79	32.68	99.47
06/04/2023 17:15:00	2.98	30,115.21	33.28	99.47
06/04/2023 17:20:00	1.75	24,133.67	33.59	99.49
06/04/2023 17:25:00	1.34	27,411.31	32.82	99.50
06/04/2023 17:30:00	2.01	25,336.08	33.26	99.50
06/04/2023 17:35:00	3.47	29,968.72	33.12	99.53
06/04/2023 17:40:00	0.53	19,000.53	32.38	99.54
06/04/2023 17:45:00	1.99	0.00	31.75	99.54
06/04/2023 17:50:00	2.46	27,148.85	32.04	99.55
06/04/2023 17:55:00	3.08	24,744.03	31.91	99.57
06/04/2023 18:00:00	2.13	28,894.48	31.89	99.57
06/04/2023 18:05:00	2.13	24,023.80	31.46	99.59
06/04/2023 18:10:00	1.73	27,057.30	31.30	99.58
06/04/2023 18:15:00	2.55	26,446.94	31.73	99.59
06/04/2023 18:20:00	2.13	28,149.84	31.46	99.59
06/04/2023 18:25:00	0.72	25,226.21	31.13	99.60
06/04/2023 18:30:00	1.71	22,540.63	30.85	99.59
06/04/2023 18:35:00	3.06	29,040.97	31.32	99.63
06/04/2023 18:40:00	1.17	27,167.16	30.72	99.63
06/04/2023 18:45:00	1.53	22,687.11	31.48	99.64
06/04/2023 18:50:00	1.92	27,319.75	30.55	99.67
06/04/2023 18:55:00	1.20	21,466.39	30.55	99.67
06/04/2023 19:00:00	1.17	21,832.61	30.39	99.68
06/04/2023 19:05:00	1.23	26,727.70	30.59	99.69
06/04/2023 19:10:00	3.20	28,076.60	30.88	99.69
06/04/2023 19:15:00	1.23	28,186.47	30.55	99.73
06/04/2023 19:20:00	3.47	35,895.32	30.88	99.70
06/04/2023 19:25:00	3.56	27,338.06	30.72	99.72
06/04/2023 19:30:00	1.83	0.00	30.11	99.73
06/04/2023 19:35:00	0.85	20,874.34	30.11	99.74
06/04/2023 19:40:00	0.55	19,299.61	29.98	99.78
06/04/2023 19:45:00	2.71	28,558.79	29.81	99.80
06/04/2023 19:50:00	1.85	30,505.84	29.98	99.78
06/04/2023 19:55:00	1.39	25,116.35	30.41	99.79
06/04/2023 20:00:00	1.32	21,850.92	29.98	99.82
06/04/2023 20:05:00	2.06	25,372.70	29.95	99.82
06/04/2023 20:10:00	1.37	21,612.88	29.65	99.85
06/04/2023 20:15:00	2.43	24,707.41	30.09	99.84
06/04/2023 20:20:00	2.27	23,907.84	30.11	99.86
06/04/2023 20:25:00	1.85	21,948.58	29.49	99.87
06/04/2023 20:30:00	0.50	20,282.29	29.81	99.88
06/04/2023 20:35:00	2.89	30,890.36	29.23	99.91
06/04/2023 20:40:00	1.25	24,542.61	29.65	99.90
06/04/2023 20:45:00	1.37	21,130.69	29.35	99.91
06/04/2023 20:50:00	1.43	22,223.24	29.51	99.95

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)
06/04/2023 20:55:00	0.95	18,188.75	29.49	99.94
06/04/2023 21:00:00	1.39	19,055.47	29.67	99.95
06/04/2023 21:05:00	2.43	22,223.24	29.37	99.96
06/04/2023 21:10:00	1.13	20,758.37	29.51	99.96
06/04/2023 21:15:00	0.50	0.00	29.21	99.95
06/04/2023 21:20:00	1.78	26,984.05	29.51	99.95
06/04/2023 21:25:00	1.48	27,338.06	29.51	99.94
06/04/2023 21:30:00	2.20	24,298.47	29.37	99.96
06/04/2023 21:35:00	2.98	27,356.37	29.05	99.95
06/04/2023 21:40:00	1.48	20,758.37	29.05	99.96
06/04/2023 21:45:00	0.72	19,537.65	29.53	99.97
06/04/2023 21:50:00	2.69	26,392.00	29.37	99.97
06/04/2023 21:55:00	3.80	42,731.36	29.37	99.97
06/04/2023 22:00:00	0.43	19,909.97	29.21	99.98
06/04/2023 22:05:00	2.48	21,002.52	29.21	100.00
06/04/2023 22:10:00	1.34	22,595.56	28.31	100.02
06/04/2023 22:15:00	0.30	19,244.68	28.77	100.01
06/04/2023 22:20:00	0.72	18,573.28	28.61	100.05
06/04/2023 22:25:00	0.18	18,927.29	28.31	100.04
06/04/2023 22:30:00	1.27	21,503.01	27.70	100.05
06/04/2023 22:35:00	0.37	18,353.55	28.03	100.05
06/04/2023 22:40:00	0.43	20,538.64	27.10	100.07
06/04/2023 22:45:00	1.04	20,056.46	27.57	100.06
06/04/2023 22:50:00	2.04	22,369.73	27.57	100.06
06/04/2023 22:55:00	0.23	19,092.09	27.29	100.06
06/04/2023 23:00:00	0.79	0.00	26.83	100.05
06/04/2023 23:05:00	1.01	20,148.01	27.54	100.05
06/04/2023 23:10:00	0.00	0.00	26.94	100.05
06/04/2023 23:15:00	0.11	16,650.64	26.94	100.06
06/04/2023 23:20:00	0.09	19,555.96	26.78	100.03
06/04/2023 23:25:00	0.16	16,406.50	26.36	100.03
06/04/2023 23:30:00	0.27	19,818.42	26.18	100.04
06/04/2023 23:35:00	0.27	19,208.06	25.73	100.03
06/04/2023 23:40:00	0.50	22,369.73	26.50	100.01
06/04/2023 23:45:00	0.21	19,818.42	26.80	100.01
06/04/2023 23:50:00	0.53	21,094.07	26.78	100.01
06/04/2023 23:55:00	0.25	17,261.01	26.96	100.02