



## 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: 19/04/2023

Tới: 19/04/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
19/04/2023 00:00:00	0.16	21,649.50	26.80	99.27
19/04/2023 00:05:00	0.14	21,149.00	26.94	99.29
19/04/2023 00:10:00	0.30	22,259.86	26.80	99.27
19/04/2023 00:15:00	0.34	22,632.18	27.10	99.27
19/04/2023 00:20:00	0.18	21,649.50	27.10	99.27
19/04/2023 00:25:00	0.18	21,667.81	27.43	99.26
19/04/2023 00:30:00	0.30	21,149.00	27.59	99.25
19/04/2023 00:35:00	0.18	22,595.56	26.96	99.22
19/04/2023 00:40:00	0.18	22,241.55	26.96	99.22
19/04/2023 00:45:00	0.16	22,021.82	26.52	99.22
19/04/2023 00:50:00	0.16	21,258.87	27.27	99.22
19/04/2023 00:55:00	0.25	21,777.68	26.52	99.22
19/04/2023 01:00:00	0.14	22,369.73	26.83	99.22
19/04/2023 01:05:00	0.11	22,333.10	26.94	99.21
19/04/2023 01:10:00	0.14	0.00	26.47	99.17
19/04/2023 01:15:00	0.18	21,057.45	27.12	99.18
19/04/2023 01:20:00	0.14	21,893.64	27.41	99.17
19/04/2023 01:25:00	0.11	21,020.83	27.12	99.16
19/04/2023 01:30:00	0.14	0.00	26.80	99.16
19/04/2023 01:35:00	0.23	22,259.86	26.80	99.18
19/04/2023 01:40:00	0.18	22,003.51	27.27	99.15
19/04/2023 01:45:00	0.11	21,649.50	26.99	99.15
19/04/2023 01:50:00	0.21	21,911.96	26.69	99.18
19/04/2023 01:55:00	0.11	21,814.30	26.94	99.16
19/04/2023 02:00:00	0.11	21,429.77	26.96	99.15
19/04/2023 02:05:00	0.14	22,021.82	26.80	99.17
19/04/2023 02:10:00	0.16	21,777.68	26.80	99.16
19/04/2023 02:15:00	0.25	22,259.86	26.96	99.18
19/04/2023 02:20:00	0.39	21,649.50	26.34	99.17
19/04/2023 02:25:00	0.23	21,777.68	26.83	99.17
19/04/2023 02:30:00	0.16	22,522.32	27.27	99.17
19/04/2023 02:35:00	0.11	21,149.00	27.12	99.15
19/04/2023 02:40:00	0.11	21,521.32	27.12	99.15
19/04/2023 02:45:00	0.18	21,167.32	26.96	99.15
19/04/2023 02:50:00	0.21	21,649.50	26.67	99.16
19/04/2023 02:55:00	0.16	0.00	26.67	99.16
19/04/2023 03:00:00	0.18	21,759.37	26.64	99.14
19/04/2023 03:05:00	0.21	21,039.14	26.67	99.14
19/04/2023 03:10:00	0.18	21,258.87	26.96	99.14

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm <sup>3</sup>	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
19/04/2023 03:15:00	0.25	0.00	27.10	99.13
19/04/2023 03:20:00	0.11	21,338.22	26.52	99.15
19/04/2023 03:25:00	0.16	21,911.96	26.83	99.14
19/04/2023 03:30:00	0.16	21,893.64	26.52	99.13
19/04/2023 03:35:00	0.18	21,759.37	27.10	99.12
19/04/2023 03:40:00	0.14	22,003.51	26.94	99.12
19/04/2023 03:45:00	0.18	22,241.55	26.83	99.12
19/04/2023 03:50:00	0.11	21,875.33	26.34	99.13
19/04/2023 03:55:00	0.14	21,875.33	27.12	99.13
19/04/2023 04:00:00	0.09	21,295.49	26.96	99.13
19/04/2023 04:05:00	0.11	22,259.86	26.67	99.15
19/04/2023 04:10:00	0.07	22,485.69	27.10	99.14
19/04/2023 04:15:00	0.11	22,259.86	27.27	99.15
19/04/2023 04:20:00	0.09	22,241.55	26.34	99.15
19/04/2023 04:25:00	0.14	22,259.86	27.29	99.16
19/04/2023 04:30:00	0.11	22,485.69	26.83	99.16
19/04/2023 04:35:00	0.16	22,369.73	26.50	99.15
19/04/2023 04:40:00	0.14	0.00	26.80	99.15
19/04/2023 04:45:00	0.16	21,167.32	26.64	99.15
19/04/2023 04:50:00	0.41	21,911.96	26.52	99.17
19/04/2023 04:55:00	0.30	21,667.81	26.80	99.17
19/04/2023 05:00:00	0.30	0.00	26.94	99.18
19/04/2023 05:05:00	0.16	21,521.32	26.83	99.19
19/04/2023 05:10:00	0.18	22,131.69	26.50	99.22
19/04/2023 05:15:00	0.11	21,893.64	26.36	99.22
19/04/2023 05:20:00	0.21	21,704.43	26.80	99.22
19/04/2023 05:25:00	0.16	22,021.82	26.52	99.20
19/04/2023 05:30:00	0.32	21,649.50	26.22	99.22
19/04/2023 05:35:00	0.53	21,667.81	26.64	99.23
19/04/2023 05:40:00	0.81	21,704.43	26.18	99.23
19/04/2023 05:45:00	0.90	22,150.00	26.09	99.23
19/04/2023 05:50:00	0.63	20,184.63	25.57	99.23
19/04/2023 05:55:00	0.76	21,411.46	25.78	99.23
19/04/2023 06:00:00	0.60	22,021.82	25.90	99.23
19/04/2023 06:05:00	0.74	21,521.32	25.46	99.24
19/04/2023 06:10:00	0.27	21,930.27	25.71	99.23
19/04/2023 06:15:00	0.18	21,893.64	25.71	99.25
19/04/2023 06:20:00	0.11	22,259.86	26.06	99.25
19/04/2023 06:25:00	0.09	0.00	25.88	99.25
19/04/2023 06:30:00	0.07	22,723.74	26.04	99.26
19/04/2023 06:35:00	0.09	22,259.86	26.36	99.27
19/04/2023 06:40:00	0.07	22,241.55	26.20	99.27
19/04/2023 06:45:00	0.05	0.00	26.18	99.29
19/04/2023 06:50:00	0.05	22,851.91	25.88	99.27
19/04/2023 06:55:00	0.05	22,723.74	25.71	99.27
19/04/2023 07:00:00	0.05	23,486.69	25.88	99.27
19/04/2023 07:05:00	0.05	23,224.23	26.06	99.29
19/04/2023 07:10:00	0.05	22,613.87	25.88	99.30
19/04/2023 07:15:00	0.07	23,334.10	25.76	99.30
19/04/2023 07:20:00	0.05	23,596.55	26.45	99.30
19/04/2023 07:25:00	0.05	23,706.42	26.02	99.30
19/04/2023 07:30:00	0.07	23,962.77	26.18	99.30
19/04/2023 07:35:00	0.07	23,578.24	26.64	99.32

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm <sup>3</sup>	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
19/04/2023 07:40:00	0.05	23,706.42	26.50	99.31
19/04/2023 07:45:00	0.07	24,078.74	26.50	99.31
19/04/2023 07:50:00	0.11	24,426.64	26.64	99.31
19/04/2023 07:55:00	0.11	23,706.42	26.50	99.32
19/04/2023 08:00:00	0.11	24,060.43	26.94	99.32
19/04/2023 08:05:00	0.14	23,944.46	26.94	99.35
19/04/2023 08:10:00	0.27	0.00	26.64	99.35
19/04/2023 08:15:00	0.21	24,689.10	26.64	99.35
19/04/2023 08:20:00	0.30	25,037.00	26.94	99.36
19/04/2023 08:25:00	0.21	24,798.96	27.38	99.35
19/04/2023 08:30:00	0.30	0.00	27.22	99.36
19/04/2023 08:35:00	0.21	24,206.91	26.64	99.36
19/04/2023 08:40:00	0.23	24,670.79	27.57	99.38
19/04/2023 08:45:00	0.25	25,018.69	27.38	99.38
19/04/2023 08:50:00	0.21	25,262.84	27.38	99.36
19/04/2023 08:55:00	0.32	25,391.01	27.57	99.36
19/04/2023 09:00:00	0.25	25,037.00	27.08	99.36
19/04/2023 09:05:00	0.34	25,299.46	27.10	99.35
19/04/2023 09:10:00	0.23	25,635.16	27.68	99.35
19/04/2023 09:15:00	0.30	25,037.00	27.84	99.36
19/04/2023 09:20:00	0.34	25,391.01	27.77	99.36
19/04/2023 09:25:00	0.23	25,763.33	27.38	99.37
19/04/2023 09:30:00	0.25	25,519.19	27.68	99.37
19/04/2023 09:35:00	0.30	26,001.37	27.41	99.38
19/04/2023 09:40:00	0.25	25,391.01	27.84	99.36
19/04/2023 09:45:00	0.37	25,763.33	27.84	99.37
19/04/2023 09:50:00	0.32	26,245.52	27.99	99.35
19/04/2023 09:55:00	0.48	0.00	27.84	99.35
19/04/2023 10:00:00	0.55	26,153.96	28.28	99.36
19/04/2023 10:05:00	0.53	26,392.00	27.86	99.35
19/04/2023 10:10:00	0.63	26,630.05	28.31	99.35
19/04/2023 10:15:00	0.53	0.00	28.49	99.34
19/04/2023 10:20:00	0.72	26,874.19	28.15	99.35
19/04/2023 10:25:00	0.67	26,984.05	28.49	99.33
19/04/2023 10:30:00	0.83	27,576.10	28.31	99.33
19/04/2023 10:35:00	0.95	27,093.92	28.89	99.33
19/04/2023 10:40:00	0.95	27,338.06	28.47	99.31
19/04/2023 10:45:00	1.15	27,356.37	29.23	99.31
19/04/2023 10:50:00	1.20	28,430.61	29.21	99.29
19/04/2023 10:55:00	1.30	27,948.42	29.18	99.28
19/04/2023 11:00:00	1.34	27,930.11	29.02	99.30
19/04/2023 11:05:00	1.15	28,558.79	29.37	99.30
19/04/2023 11:10:00	1.32	28,522.16	29.18	99.32
19/04/2023 11:15:00	1.23	28,320.74	29.51	99.29
19/04/2023 11:20:00	1.15	29,260.70	29.51	99.24
19/04/2023 11:25:00	1.27	29,150.84	29.49	99.26
19/04/2023 11:30:00	1.17	29,877.16	29.33	99.25
19/04/2023 11:35:00	1.48	30,615.70	30.11	99.26
19/04/2023 11:40:00	1.46	0.00	30.14	99.24
19/04/2023 11:45:00	1.39	31,470.21	29.95	99.24
19/04/2023 11:50:00	1.43	31,006.33	30.27	99.25
19/04/2023 11:55:00	1.37	30,389.87	30.57	99.24
19/04/2023 12:00:00	1.48	0.00	30.09	99.22

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm <sup>3</sup>	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
19/04/2023 12:05:00	1.55	31,354.24	30.69	99.22
19/04/2023 12:10:00	1.27	31,561.76	30.67	99.18
19/04/2023 12:15:00	1.83	32,208.74	30.55	99.21
19/04/2023 12:20:00	1.27	31,445.79	30.07	99.18
19/04/2023 12:25:00	1.43	31,580.07	30.85	99.18
19/04/2023 12:30:00	1.34	31,226.06	31.15	99.14
19/04/2023 12:35:00	1.37	31,561.76	30.69	99.14
19/04/2023 12:40:00	1.62	31,598.38	30.39	99.13
19/04/2023 12:45:00	1.32	32,336.92	31.17	99.13
19/04/2023 12:50:00	1.39	31,964.60	30.55	99.13
19/04/2023 12:55:00	1.39	31,946.29	31.17	99.10
19/04/2023 13:00:00	1.50	32,208.74	30.69	99.09
19/04/2023 13:05:00	1.55	32,318.61	30.88	99.08
19/04/2023 13:10:00	1.83	32,300.30	31.04	99.09
19/04/2023 13:15:00	1.53	32,446.78	31.66	99.06
19/04/2023 13:20:00	1.55	32,446.78	31.15	99.06
19/04/2023 13:25:00	1.59	0.00	31.91	99.03
19/04/2023 13:30:00	1.23	32,190.43	31.78	99.04
19/04/2023 13:35:00	1.43	32,208.74	31.48	99.00
19/04/2023 13:40:00	1.43	31,946.29	31.78	98.98
19/04/2023 13:45:00	1.59	0.00	31.94	98.99
19/04/2023 13:50:00	1.66	32,336.92	32.27	99.00
19/04/2023 13:55:00	1.66	32,581.06	32.56	99.00
19/04/2023 14:00:00	1.66	32,690.93	33.40	98.97
19/04/2023 14:05:00	1.37	32,446.78	33.30	98.96
19/04/2023 14:10:00	1.39	32,208.74	32.85	98.96
19/04/2023 14:15:00	1.66	32,690.93	33.88	98.95
19/04/2023 14:20:00	1.59	32,062.26	33.42	98.93
19/04/2023 14:25:00	1.73	32,446.78	34.07	98.95
19/04/2023 14:30:00	1.75	32,428.47	34.19	98.92
19/04/2023 14:35:00	1.83	32,318.61	34.86	98.92
19/04/2023 14:40:00	1.57	33,057.15	34.70	98.90
19/04/2023 14:45:00	1.97	32,690.93	33.91	98.90
19/04/2023 14:50:00	1.88	32,446.78	33.30	98.90
19/04/2023 14:55:00	1.85	32,928.97	34.23	98.87
19/04/2023 15:00:00	1.85	34,522.01	34.07	98.89
19/04/2023 15:05:00	1.71	33,801.79	34.37	98.86
19/04/2023 15:10:00	1.73	0.00	33.12	98.85
19/04/2023 15:15:00	1.85	33,191.42	33.45	98.85
19/04/2023 15:20:00	1.95	32,928.97	32.87	98.86
19/04/2023 15:25:00	1.57	32,428.47	32.98	98.81
19/04/2023 15:30:00	1.90	0.00	34.07	98.83
19/04/2023 15:35:00	1.73	32,208.74	32.85	98.81
19/04/2023 15:40:00	1.71	33,173.11	33.93	98.81
19/04/2023 15:45:00	1.59	32,965.59	32.87	98.81
19/04/2023 15:50:00	1.53	32,336.92	34.07	98.80
19/04/2023 15:55:00	1.41	32,208.74	34.23	98.80
19/04/2023 16:00:00	1.75	31,964.60	34.23	98.78
19/04/2023 16:05:00	1.55	32,410.16	34.10	98.77
19/04/2023 16:10:00	1.59	31,836.42	33.63	98.77
19/04/2023 16:15:00	1.48	31,964.60	32.52	98.76
19/04/2023 16:20:00	1.43	32,355.23	34.07	98.78
19/04/2023 16:25:00	1.30	31,335.93	32.85	98.76

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm <sup>3</sup>	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
19/04/2023 16:30:00	1.43	31,982.91	33.61	98.77
19/04/2023 16:35:00	1.39	31,836.42	33.63	98.77
19/04/2023 16:40:00	1.41	31,616.69	33.03	98.76
19/04/2023 16:45:00	1.50	31,799.80	32.56	98.78
19/04/2023 16:50:00	1.27	31,836.42	33.79	98.77
19/04/2023 16:55:00	1.46	0.00	32.71	98.75
19/04/2023 17:00:00	1.23	30,988.02	32.71	98.77
19/04/2023 17:05:00	1.32	31,097.89	32.71	98.76
19/04/2023 17:10:00	1.23	30,524.15	33.47	98.76
19/04/2023 17:15:00	1.06	0.00	32.56	98.75
19/04/2023 17:20:00	0.92	30,524.15	33.79	98.76
19/04/2023 17:25:00	1.04	30,969.71	33.45	98.77
19/04/2023 17:30:00	0.97	30,261.69	33.17	98.78
19/04/2023 17:35:00	0.90	30,743.88	33.93	98.77
19/04/2023 17:40:00	0.92	30,652.32	32.71	98.80
19/04/2023 17:45:00	0.81	30,023.65	33.17	98.80
19/04/2023 17:50:00	0.81	30,762.19	33.63	98.81
19/04/2023 17:55:00	0.83	30,524.15	32.27	98.81
19/04/2023 18:00:00	0.79	30,414.28	31.80	98.81
19/04/2023 18:05:00	0.74	30,023.65	31.80	98.79
19/04/2023 18:10:00	0.67	29,797.82	32.27	98.81
19/04/2023 18:15:00	0.53	30,005.34	31.66	98.80
19/04/2023 18:20:00	0.55	30,041.96	31.53	98.81
19/04/2023 18:25:00	0.53	29,797.82	31.55	98.84
19/04/2023 18:30:00	0.65	29,816.13	31.36	98.82
19/04/2023 18:35:00	0.55	29,779.51	31.69	98.82
19/04/2023 18:40:00	0.55	0.00	31.17	98.85
19/04/2023 18:45:00	0.53	29,541.47	31.20	98.84
19/04/2023 18:50:00	0.81	29,150.84	31.22	98.85
19/04/2023 18:55:00	0.46	29,297.32	31.04	98.86
19/04/2023 19:00:00	0.37	0.00	31.50	98.87
19/04/2023 19:05:00	0.37	29,059.28	31.20	98.87
19/04/2023 19:10:00	0.30	29,004.35	31.34	98.88
19/04/2023 19:15:00	0.37	28,686.96	31.08	98.88
19/04/2023 19:20:00	0.41	28,223.09	31.06	98.91
19/04/2023 19:25:00	0.27	28,949.42	31.22	98.92
19/04/2023 19:30:00	0.41	28,094.91	30.76	98.93
19/04/2023 19:35:00	0.34	27,856.87	31.06	98.94
19/04/2023 19:40:00	0.34	28,223.09	30.62	98.95
19/04/2023 19:45:00	0.37	28,357.37	30.90	98.95
19/04/2023 19:50:00	0.25	27,985.05	31.08	98.95
19/04/2023 19:55:00	0.41	27,393.00	30.92	98.97
19/04/2023 20:00:00	0.27	28,204.78	30.79	98.98
19/04/2023 20:05:00	0.18	26,746.01	30.62	98.98
19/04/2023 20:10:00	0.27	27,722.59	30.30	98.98
19/04/2023 20:15:00	0.23	26,855.88	30.32	99.01
19/04/2023 20:20:00	0.30	27,502.86	30.30	99.00
19/04/2023 20:25:00	0.39	0.00	29.72	99.02
19/04/2023 20:30:00	0.25	26,764.32	30.00	99.01
19/04/2023 20:35:00	0.18	26,892.50	29.69	99.01
19/04/2023 20:40:00	0.23	27,002.37	29.69	99.01
19/04/2023 20:45:00	0.27	0.00	30.30	99.04
19/04/2023 20:50:00	0.21	26,874.19	30.46	99.04

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm <sup>3</sup>	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
19/04/2023 20:55:00	0.21	26,056.31	30.00	99.05
19/04/2023 21:00:00	0.30	26,392.00	30.16	99.05
19/04/2023 21:05:00	0.21	26,135.65	30.30	99.07
19/04/2023 21:10:00	0.32	26,764.32	29.42	99.08
19/04/2023 21:15:00	0.21	25,928.13	29.42	99.07
19/04/2023 21:20:00	0.32	26,630.05	29.56	99.09
19/04/2023 21:25:00	0.34	26,648.36	29.23	99.09
19/04/2023 21:30:00	0.18	26,501.87	30.00	99.10
19/04/2023 21:35:00	0.23	26,153.96	29.56	99.10
19/04/2023 21:40:00	0.18	25,891.51	29.23	99.07
19/04/2023 21:45:00	0.21	26,282.14	29.09	99.10
19/04/2023 21:50:00	0.21	25,781.64	29.85	99.10
19/04/2023 21:55:00	0.27	25,555.81	29.23	99.11
19/04/2023 22:00:00	0.30	26,135.65	29.56	99.11
19/04/2023 22:05:00	0.16	25,537.50	29.07	99.13
19/04/2023 22:10:00	0.18	0.00	28.75	99.11
19/04/2023 22:15:00	0.18	25,909.82	29.26	99.13
19/04/2023 22:20:00	0.25	26,392.00	29.23	99.14
19/04/2023 22:25:00	0.16	25,427.63	28.77	99.15
19/04/2023 22:30:00	0.34	0.00	29.26	99.15
19/04/2023 22:35:00	0.18	25,909.82	28.79	99.14
19/04/2023 22:40:00	0.27	25,555.81	29.11	99.13
19/04/2023 22:45:00	0.27	25,207.90	28.66	99.15
19/04/2023 22:50:00	0.14	25,555.81	29.11	99.15
19/04/2023 22:55:00	0.21	25,317.77	28.66	99.14
19/04/2023 23:00:00	0.30	25,555.81	28.63	99.15
19/04/2023 23:05:00	0.32	25,055.31	28.93	99.15
19/04/2023 23:10:00	0.27	24,316.78	28.01	99.13
19/04/2023 23:15:00	1.06	24,798.96	28.66	99.15
19/04/2023 23:20:00	0.63	24,707.41	28.05	99.14
19/04/2023 23:25:00	0.67	23,962.77	27.59	99.13
19/04/2023 23:30:00	0.63	24,945.45	27.86	99.13
19/04/2023 23:35:00	0.65	25,555.81	27.75	99.13
19/04/2023 23:40:00	0.63	25,079.73	28.19	99.12
19/04/2023 23:45:00	0.55	24,945.45	27.43	99.11
19/04/2023 23:50:00	0.50	25,171.28	28.19	99.11
19/04/2023 23:55:00	0.72	0.00	28.03	99.12