



## 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: 13/04/2023

Tới: 13/04/2023

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)
13/04/2023 00:00:00	0.14	20,965.90	24.12	99.85
13/04/2023 00:05:00	0.11	20,856.03	24.44	99.85
13/04/2023 00:10:00	0.16	20,630.20	24.28	99.85
13/04/2023 00:15:00	0.16	0.00	24.14	99.84
13/04/2023 00:20:00	0.14	20,502.02	24.61	99.85
13/04/2023 00:25:00	0.14	19,891.66	23.84	99.83
13/04/2023 00:30:00	0.16	20,856.03	24.46	99.83
13/04/2023 00:35:00	0.11	21,240.56	24.61	99.83
13/04/2023 00:40:00	0.14	21,002.52	24.46	99.82
13/04/2023 00:45:00	0.16	20,001.53	24.77	99.84
13/04/2023 00:50:00	0.16	20,129.70	24.28	99.83
13/04/2023 00:55:00	0.18	20,611.89	24.63	99.82
13/04/2023 01:00:00	0.11	20,874.34	23.87	99.82
13/04/2023 01:05:00	0.21	20,001.53	24.16	99.81
13/04/2023 01:10:00	0.18	20,129.70	24.61	99.81
13/04/2023 01:15:00	0.14	20,392.16	23.84	99.84
13/04/2023 01:20:00	0.14	19,391.17	24.16	99.82
13/04/2023 01:25:00	0.18	20,038.15	24.16	99.80
13/04/2023 01:30:00	0.21	19,629.21	24.44	99.77
13/04/2023 01:35:00	0.34	20,856.03	24.14	99.78
13/04/2023 01:40:00	0.32	0.00	24.77	99.77
13/04/2023 01:45:00	0.21	20,502.02	24.16	99.77
13/04/2023 01:50:00	0.18	20,740.06	24.30	99.76
13/04/2023 01:55:00	0.21	20,874.34	24.14	99.76
13/04/2023 02:00:00	0.16	0.00	24.44	99.76
13/04/2023 02:05:00	0.16	20,111.39	24.61	99.76
13/04/2023 02:10:00	0.21	21,094.07	24.46	99.74
13/04/2023 02:15:00	0.16	20,856.03	24.14	99.73
13/04/2023 02:20:00	0.37	20,483.71	24.16	99.72
13/04/2023 02:25:00	0.48	21,222.25	24.30	99.73
13/04/2023 02:30:00	0.37	20,874.34	24.46	99.72
13/04/2023 02:35:00	0.23	20,337.22	24.16	99.71
13/04/2023 02:40:00	0.21	20,148.01	23.98	99.71
13/04/2023 02:45:00	0.18	20,611.89	24.28	99.70
13/04/2023 02:50:00	0.27	20,666.82	24.61	99.70
13/04/2023 02:55:00	0.16	19,745.17	24.58	99.68
13/04/2023 03:00:00	0.25	19,891.66	24.46	99.67
13/04/2023 03:05:00	0.18	20,001.53	23.82	99.68
13/04/2023 03:10:00	0.21	20,239.57	23.84	99.67

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)
13/04/2023 03:15:00	0.37	20,502.02	24.44	99.70
13/04/2023 03:20:00	0.60	20,721.75	24.14	99.67
13/04/2023 03:25:00	0.50	0.00	24.00	99.68
13/04/2023 03:30:00	0.53	20,239.57	24.16	99.67
13/04/2023 03:35:00	0.50	20,575.27	24.14	99.68
13/04/2023 03:40:00	0.63	19,281.30	23.84	99.70
13/04/2023 03:45:00	0.37	0.00	23.82	99.69
13/04/2023 03:50:00	0.46	20,355.54	24.41	99.69
13/04/2023 03:55:00	0.65	20,373.85	23.82	99.69
13/04/2023 04:00:00	0.81	20,373.85	23.72	99.69
13/04/2023 04:05:00	0.99	20,373.85	23.70	99.69
13/04/2023 04:10:00	1.08	20,373.85	23.51	99.68
13/04/2023 04:15:00	0.74	21,338.22	23.87	99.70
13/04/2023 04:20:00	0.95	20,630.20	24.14	99.72
13/04/2023 04:25:00	1.53	20,019.84	24.30	99.73
13/04/2023 04:30:00	1.11	20,520.33	24.28	99.72
13/04/2023 04:35:00	1.17	20,740.06	23.72	99.71
13/04/2023 04:40:00	1.13	20,239.57	23.54	99.71
13/04/2023 04:45:00	1.43	20,892.65	23.54	99.72
13/04/2023 04:50:00	1.06	20,239.57	23.84	99.73
13/04/2023 04:55:00	1.11	21,258.87	24.16	99.75
13/04/2023 05:00:00	1.13	20,630.20	23.56	99.75
13/04/2023 05:05:00	0.99	20,001.53	23.70	99.75
13/04/2023 05:10:00	0.90	0.00	23.82	99.75
13/04/2023 05:15:00	0.97	20,856.03	24.32	99.75
13/04/2023 05:20:00	1.11	20,721.75	23.84	99.75
13/04/2023 05:25:00	1.41	20,611.89	24.30	99.77
13/04/2023 05:30:00	1.17	0.00	24.32	99.77
13/04/2023 05:35:00	1.62	20,111.39	23.82	99.76
13/04/2023 05:40:00	1.39	21,094.07	23.67	99.78
13/04/2023 05:45:00	1.43	20,874.34	24.14	99.77
13/04/2023 05:50:00	1.48	19,983.22	24.14	99.75
13/04/2023 05:55:00	1.78	20,483.71	24.30	99.78
13/04/2023 06:00:00	1.90	20,965.90	24.25	99.75
13/04/2023 06:05:00	1.95	20,984.21	23.51	99.77
13/04/2023 06:10:00	1.50	21,258.87	24.00	99.78
13/04/2023 06:15:00	1.66	21,222.25	24.16	99.79
13/04/2023 06:20:00	1.83	21,222.25	24.14	99.78
13/04/2023 06:25:00	1.62	21,338.22	23.54	99.80
13/04/2023 06:30:00	1.55	21,466.39	24.30	99.82
13/04/2023 06:35:00	2.04	21,374.84	24.30	99.82
13/04/2023 06:40:00	1.80	20,740.06	24.14	99.86
13/04/2023 06:45:00	2.24	20,483.71	24.30	99.85
13/04/2023 06:50:00	1.66	20,984.21	24.00	99.85
13/04/2023 06:55:00	2.01	0.00	23.56	99.85
13/04/2023 07:00:00	1.69	21,704.43	23.54	99.85
13/04/2023 07:05:00	1.15	21,338.22	23.84	99.88
13/04/2023 07:10:00	1.23	21,240.56	23.84	99.88
13/04/2023 07:15:00	1.13	0.00	23.56	99.87
13/04/2023 07:20:00	1.34	21,484.70	24.14	99.88
13/04/2023 07:25:00	1.43	21,594.57	24.30	99.89
13/04/2023 07:30:00	1.25	22,314.79	24.32	99.89
13/04/2023 07:35:00	1.23	22,333.10	23.89	99.90

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)
13/04/2023 07:40:00	1.11	22,430.76	24.46	99.90
13/04/2023 07:45:00	1.53	22,204.93	23.54	99.90
13/04/2023 07:50:00	1.43	22,668.80	24.46	99.90
13/04/2023 07:55:00	1.50	22,796.98	23.98	99.93
13/04/2023 08:00:00	1.15	22,705.42	23.98	99.92
13/04/2023 08:05:00	1.39	22,687.11	24.28	99.92
13/04/2023 08:10:00	1.73	22,412.45	24.32	99.93
13/04/2023 08:15:00	1.23	22,314.79	24.61	99.92
13/04/2023 08:20:00	1.64	22,668.80	24.14	99.94
13/04/2023 08:25:00	1.27	22,449.07	24.00	99.93
13/04/2023 08:30:00	1.75	22,095.06	24.00	99.94
13/04/2023 08:35:00	1.53	21,966.89	23.89	99.95
13/04/2023 08:40:00	1.64	0.00	24.63	99.93
13/04/2023 08:45:00	1.59	22,558.94	24.61	99.94
13/04/2023 08:50:00	1.78	23,279.16	24.46	99.95
13/04/2023 08:55:00	1.71	22,577.25	24.30	99.94
13/04/2023 09:00:00	2.06	0.00	24.28	99.93
13/04/2023 09:05:00	1.66	23,169.30	24.14	99.94
13/04/2023 09:10:00	1.48	22,796.98	23.98	99.93
13/04/2023 09:15:00	1.57	23,150.99	24.25	99.92
13/04/2023 09:20:00	1.85	23,169.30	24.28	99.94
13/04/2023 09:25:00	1.43	23,169.30	24.00	99.95
13/04/2023 09:30:00	2.15	23,315.79	24.30	99.96
13/04/2023 09:35:00	1.99	23,169.30	24.61	99.94
13/04/2023 09:40:00	1.90	22,558.94	24.41	99.95
13/04/2023 09:45:00	1.80	22,314.79	24.77	99.93
13/04/2023 09:50:00	1.95	22,467.38	24.74	99.96
13/04/2023 09:55:00	2.36	22,668.80	24.46	99.94
13/04/2023 10:00:00	1.59	22,314.79	24.14	99.93
13/04/2023 10:05:00	1.64	22,815.29	23.98	99.93
13/04/2023 10:10:00	1.43	22,906.84	24.61	99.92
13/04/2023 10:15:00	1.20	22,558.94	24.74	99.92
13/04/2023 10:20:00	1.75	23,541.62	24.00	99.93
13/04/2023 10:25:00	1.48	0.00	24.14	99.93
13/04/2023 10:30:00	1.57	23,297.47	24.12	99.90
13/04/2023 10:35:00	1.39	23,651.48	24.12	99.90
13/04/2023 10:40:00	1.41	23,797.97	24.77	99.90
13/04/2023 10:45:00	1.46	0.00	24.90	99.89
13/04/2023 10:50:00	1.46	23,297.47	24.28	99.87
13/04/2023 10:55:00	1.32	23,761.35	24.12	99.85
13/04/2023 11:00:00	1.25	23,651.48	24.14	99.85
13/04/2023 11:05:00	1.17	23,169.30	24.88	99.84
13/04/2023 11:10:00	1.57	22,906.84	24.28	99.83
13/04/2023 11:15:00	1.83	22,705.42	24.58	99.82
13/04/2023 11:20:00	0.99	24,005.49	24.74	99.81
13/04/2023 11:25:00	1.15	22,796.98	24.19	99.82
13/04/2023 11:30:00	1.17	23,297.47	24.14	99.81
13/04/2023 11:35:00	1.11	22,558.94	24.58	99.81
13/04/2023 11:40:00	1.13	23,187.61	24.12	99.77
13/04/2023 11:45:00	0.95	23,279.16	24.90	99.76
13/04/2023 11:50:00	0.99	23,187.61	24.58	99.75
13/04/2023 11:55:00	0.97	23,743.04	24.72	99.73
13/04/2023 12:00:00	1.46	22,851.91	24.28	99.76

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)
13/04/2023 12:05:00	0.83	23,389.03	24.90	99.72
13/04/2023 12:10:00	0.88	0.00	24.12	99.71
13/04/2023 12:15:00	0.72	22,949.57	24.16	99.72
13/04/2023 12:20:00	1.01	22,815.29	24.30	99.72
13/04/2023 12:25:00	0.85	22,333.10	24.93	99.70
13/04/2023 12:30:00	0.97	0.00	24.90	99.67
13/04/2023 12:35:00	1.55	22,314.79	24.77	99.67
13/04/2023 12:40:00	0.83	21,832.61	24.74	99.65
13/04/2023 12:45:00	1.41	22,186.62	24.74	99.65
13/04/2023 12:50:00	0.85	22,186.62	25.04	99.63
13/04/2023 12:55:00	1.30	21,686.12	25.23	99.63
13/04/2023 13:00:00	1.20	21,448.08	24.35	99.61
13/04/2023 13:05:00	1.17	22,687.11	24.58	99.59
13/04/2023 13:10:00	0.97	22,186.62	25.04	99.58
13/04/2023 13:15:00	1.37	22,558.94	24.58	99.58
13/04/2023 13:20:00	1.32	22,522.32	24.95	99.55
13/04/2023 13:25:00	1.30	22,540.63	24.90	99.55
13/04/2023 13:30:00	1.66	22,558.94	24.30	99.54
13/04/2023 13:35:00	1.25	22,058.44	24.28	99.54
13/04/2023 13:40:00	1.34	22,430.76	24.44	99.52
13/04/2023 13:45:00	1.27	22,668.80	24.88	99.51
13/04/2023 13:50:00	1.08	22,388.04	25.04	99.52
13/04/2023 13:55:00	1.37	0.00	24.74	99.51
13/04/2023 14:00:00	1.59	21,594.57	24.28	99.50
13/04/2023 14:05:00	1.27	21,094.07	24.46	99.50
13/04/2023 14:10:00	1.43	21,338.22	25.04	99.51
13/04/2023 14:15:00	1.39	0.00	24.74	99.47
13/04/2023 14:20:00	1.41	22,076.75	24.77	99.47
13/04/2023 14:25:00	1.11	21,704.43	24.77	99.48
13/04/2023 14:30:00	1.37	22,095.06	23.98	99.48
13/04/2023 14:35:00	1.11	21,338.22	24.41	99.48
13/04/2023 14:40:00	1.53	22,430.76	24.44	99.47
13/04/2023 14:45:00	1.53	22,278.17	24.41	99.47
13/04/2023 14:50:00	1.13	21,832.61	24.77	99.48
13/04/2023 14:55:00	1.08	21,814.30	24.77	99.45
13/04/2023 15:00:00	1.50	21,966.89	24.93	99.45
13/04/2023 15:05:00	0.95	21,704.43	24.61	99.44
13/04/2023 15:10:00	1.01	22,558.94	23.98	99.44
13/04/2023 15:15:00	1.25	22,204.93	24.16	99.44
13/04/2023 15:20:00	0.67	22,314.79	24.74	99.42
13/04/2023 15:25:00	0.74	21,594.57	24.14	99.40
13/04/2023 15:30:00	1.20	21,832.61	24.46	99.40
13/04/2023 15:35:00	0.99	21,356.53	24.44	99.42
13/04/2023 15:40:00	0.76	0.00	23.96	99.42
13/04/2023 15:45:00	0.97	21,203.94	24.72	99.41
13/04/2023 15:50:00	0.88	21,930.27	24.12	99.41
13/04/2023 15:55:00	0.97	22,296.48	23.84	99.38
13/04/2023 16:00:00	0.95	0.00	24.14	99.38
13/04/2023 16:05:00	0.67	22,540.63	23.98	99.38
13/04/2023 16:10:00	0.83	22,412.45	23.98	99.39
13/04/2023 16:15:00	0.90	21,795.99	24.41	99.39
13/04/2023 16:20:00	0.74	22,687.11	24.46	99.40
13/04/2023 16:25:00	0.63	22,058.44	23.82	99.39

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)
13/04/2023 16:30:00	0.60	22,296.48	24.72	99.38
13/04/2023 16:35:00	0.55	22,687.11	24.41	99.37
13/04/2023 16:40:00	0.63	22,925.15	24.46	99.38
13/04/2023 16:45:00	0.72	22,558.94	24.32	99.38
13/04/2023 16:50:00	0.57	22,058.44	24.30	99.38
13/04/2023 16:55:00	0.63	22,314.79	24.44	99.38
13/04/2023 17:00:00	0.55	21,814.30	23.96	99.38
13/04/2023 17:05:00	0.69	22,430.76	24.63	99.38
13/04/2023 17:10:00	0.57	22,333.10	24.28	99.39
13/04/2023 17:20:00	0.21	22,186.62	23.82	99.42
13/04/2023 17:25:00	0.25	0.00	24.46	99.42
13/04/2023 17:30:00	0.30	22,687.11	24.46	99.42
13/04/2023 17:35:00	0.55	22,168.31	24.12	99.42
13/04/2023 17:40:00	0.41	22,314.79	24.28	99.44
13/04/2023 17:45:00	0.53	0.00	24.49	99.47
13/04/2023 17:50:00	0.48	22,613.87	24.46	99.48
13/04/2023 17:55:00	0.34	22,449.07	24.77	99.46
13/04/2023 18:00:00	0.69	21,966.89	24.61	99.48
13/04/2023 18:05:00	0.74	22,113.37	23.87	99.48
13/04/2023 18:10:00	0.41	22,449.07	24.79	99.49
13/04/2023 18:15:00	0.65	21,832.61	24.25	99.50
13/04/2023 18:20:00	0.85	22,223.24	24.46	99.49
13/04/2023 18:25:00	0.81	22,076.75	24.00	99.49
13/04/2023 18:30:00	0.53	21,985.20	24.16	99.53
13/04/2023 18:35:00	0.74	22,076.75	24.16	99.53
13/04/2023 18:40:00	0.83	22,333.10	24.49	99.54
13/04/2023 18:45:00	0.85	21,966.89	24.44	99.55
13/04/2023 18:50:00	1.11	22,204.93	24.61	99.54
13/04/2023 18:55:00	1.27	22,333.10	24.03	99.55
13/04/2023 19:00:00	1.41	22,076.75	23.87	99.54
13/04/2023 19:05:00	0.85	22,076.75	24.28	99.55
13/04/2023 19:10:00	0.72	0.00	23.84	99.55
13/04/2023 19:15:00	0.69	22,204.93	24.14	99.55
13/04/2023 19:20:00	0.90	22,949.57	24.63	99.56
13/04/2023 19:25:00	0.74	21,948.58	24.14	99.58
13/04/2023 19:30:00	0.79	0.00	23.87	99.58
13/04/2023 19:35:00	0.79	22,113.37	24.49	99.58
13/04/2023 19:40:00	0.90	21,948.58	24.03	99.57
13/04/2023 19:45:00	0.85	22,467.38	24.05	99.58
13/04/2023 19:50:00	0.83	22,333.10	24.03	99.58
13/04/2023 19:55:00	0.92	23,077.74	24.63	99.60
13/04/2023 20:00:00	0.99	22,259.86	23.72	99.60
13/04/2023 20:05:00	0.99	22,925.15	24.05	99.62
13/04/2023 20:10:00	0.92	22,467.38	23.67	99.62
13/04/2023 20:15:00	0.85	22,095.06	23.84	99.62
13/04/2023 20:20:00	0.79	21,948.58	24.00	99.64
13/04/2023 20:25:00	1.08	22,449.07	23.84	99.67
13/04/2023 20:30:00	0.92	22,076.75	23.98	99.67
13/04/2023 20:35:00	1.23	22,168.31	24.44	99.67
13/04/2023 20:40:00	1.04	21,832.61	23.98	99.67
13/04/2023 20:45:00	1.27	21,313.80	24.28	99.67
13/04/2023 20:50:00	1.01	21,704.43	23.98	99.71
13/04/2023 20:55:00	0.95	0.00	24.44	99.70

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)
13/04/2023 21:00:00	1.25	22,076.75	24.03	99.71
13/04/2023 21:05:00	1.01	21,338.22	24.14	99.72
13/04/2023 21:10:00	1.01	22,204.93	24.49	99.72
13/04/2023 21:15:00	1.23	0.00	23.87	99.70
13/04/2023 21:20:00	0.97	21,484.70	24.00	99.72
13/04/2023 21:25:00	1.13	21,222.25	24.00	99.73
13/04/2023 21:30:00	1.01	21,832.61	23.89	99.73
13/04/2023 21:35:00	0.88	22,095.06	23.54	99.73
13/04/2023 21:40:00	1.32	22,449.07	24.30	99.72
13/04/2023 21:45:00	1.32	22,095.06	23.70	99.73
13/04/2023 21:50:00	1.20	20,611.89	24.30	99.73
13/04/2023 21:55:00	1.13	21,832.61	24.30	99.72
13/04/2023 22:00:00	1.20	21,612.88	24.19	99.75
13/04/2023 22:05:00	0.81	21,466.39	23.98	99.73
13/04/2023 22:10:00	1.17	20,801.10	23.70	99.72
13/04/2023 22:15:00	0.76	21,466.39	23.67	99.72
13/04/2023 22:20:00	1.20	20,856.03	23.84	99.73
13/04/2023 22:25:00	1.13	20,965.90	24.16	99.73
13/04/2023 22:30:00	1.23	21,112.38	23.87	99.73
13/04/2023 22:35:00	0.88	21,338.22	24.16	99.71
13/04/2023 22:40:00	1.17	0.00	23.67	99.70
13/04/2023 22:45:00	0.97	21,484.70	24.14	99.71
13/04/2023 22:50:00	1.32	21,832.61	24.28	99.71
13/04/2023 22:55:00	1.13	21,612.88	24.00	99.71
13/04/2023 23:00:00	1.01	0.00	23.84	99.69
13/04/2023 23:05:00	1.01	22,204.93	23.67	99.70
13/04/2023 23:10:00	1.06	22,430.76	23.84	99.70
13/04/2023 23:15:00	0.74	22,449.07	24.32	99.69
13/04/2023 23:20:00	1.04	22,558.94	24.00	99.68
13/04/2023 23:25:00	1.17	22,314.79	23.67	99.67
13/04/2023 23:30:00	0.83	22,058.44	24.30	99.66
13/04/2023 23:35:00	1.11	22,204.93	23.82	99.67
13/04/2023 23:40:00	1.13	22,058.44	23.51	99.65
13/04/2023 23:45:00	0.90	21,448.08	24.14	99.67
13/04/2023 23:50:00	0.92	21,966.89	23.84	99.67
13/04/2023 23:55:00	1.13	22,058.44	23.84	99.65