



## 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: 08/04/2023

Tới: 08/04/2023

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)
08/04/2023 00:00:00	2.98	96,516.37	34.14	100.40
08/04/2023 00:05:00	1.71	23,834.59	31.99	100.40
08/04/2023 00:10:00	2.22	21,814.30	30.92	100.41
08/04/2023 00:15:00	2.53	22,040.13	30.02	100.39
08/04/2023 00:20:00	1.27	21,539.64	28.82	100.37
08/04/2023 00:25:00	0.05	21,295.49	28.35	100.37
08/04/2023 00:30:00	0.07	21,411.46	28.49	100.39
08/04/2023 00:35:00	0.46	20,337.22	27.59	100.39
08/04/2023 00:40:00	0.43	21,039.14	27.27	100.38
08/04/2023 00:45:00	0.11	21,149.00	26.67	100.39
08/04/2023 00:50:00	0.14	21,356.53	26.67	100.37
08/04/2023 00:55:00	0.02	21,149.00	26.80	100.37
08/04/2023 01:00:00	0.07	21,295.49	26.34	100.34
08/04/2023 01:05:00	0.30	20,318.91	26.50	100.37
08/04/2023 01:10:00	0.43	20,184.63	26.20	100.34
08/04/2023 01:15:00	0.37	0.00	25.46	100.37
08/04/2023 01:20:00	0.32	21,411.46	25.57	100.37
08/04/2023 01:25:00	0.37	17,016.86	24.97	100.36
08/04/2023 01:30:00	0.27	21,167.32	25.13	100.35
08/04/2023 01:35:00	0.53	20,337.22	24.39	100.38
08/04/2023 01:40:00	0.27	20,801.10	23.77	100.35
08/04/2023 01:45:00	0.25	19,836.73	24.07	100.37
08/04/2023 01:50:00	0.14	21,057.45	23.77	100.36
08/04/2023 01:55:00	0.11	20,776.68	23.65	100.36
08/04/2023 02:00:00	0.23	20,337.22	24.09	100.36
08/04/2023 02:05:00	0.16	21,295.49	23.63	100.34
08/04/2023 02:10:00	0.14	20,318.91	24.39	100.37
08/04/2023 02:15:00	0.00	21,020.83	23.61	100.35
08/04/2023 02:20:00	0.00	20,801.10	24.21	100.35
08/04/2023 02:25:00	0.14	22,504.01	24.37	100.35
08/04/2023 02:30:00	0.05	23,242.54	24.23	100.36
08/04/2023 02:35:00	0.14	23,114.37	24.81	100.35

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)
08/04/2023 02:40:00	0.00	22,021.82	25.13	100.36
08/04/2023 02:45:00	0.05	22,131.69	24.54	100.36
08/04/2023 02:50:00	0.05	21,911.96	24.99	100.35
08/04/2023 02:55:00	0.09	21,539.64	24.99	100.36
08/04/2023 03:00:00	0.05	0.00	24.67	100.37
08/04/2023 03:05:00	0.00	21,539.64	24.54	100.38
08/04/2023 03:10:00	0.16	21,759.37	24.41	100.35
08/04/2023 03:15:00	0.02	21,521.32	25.11	100.35
08/04/2023 03:20:00	0.00	20,929.27	24.54	100.36
08/04/2023 03:25:00	0.16	21,539.64	24.97	100.36
08/04/2023 03:30:00	0.02	20,318.91	24.51	100.39
08/04/2023 03:35:00	0.00	19,446.10	23.89	100.38
08/04/2023 03:40:00	0.00	21,277.18	23.93	100.39
08/04/2023 03:45:00	0.00	19,336.23	23.03	100.42
08/04/2023 03:50:00	0.00	19,092.09	23.00	100.41
08/04/2023 03:55:00	0.00	21,149.00	23.17	100.42
08/04/2023 04:00:00	0.00	20,184.63	23.17	100.42
08/04/2023 04:05:00	0.05	20,556.95	22.87	100.42
08/04/2023 04:10:00	0.00	20,318.91	23.17	100.45
08/04/2023 04:15:00	0.00	18,481.73	23.17	100.42
08/04/2023 04:20:00	0.00	20,666.82	23.15	100.44
08/04/2023 04:25:00	0.00	19,299.61	22.52	100.42
08/04/2023 04:30:00	0.00	20,910.96	23.17	100.44
08/04/2023 04:35:00	0.00	20,538.64	22.57	100.45
08/04/2023 04:40:00	0.00	20,184.63	22.98	100.45
08/04/2023 04:45:00	0.00	0.00	23.15	100.47
08/04/2023 04:50:00	0.00	20,910.96	22.71	100.48
08/04/2023 04:55:00	0.00	19,464.41	22.38	100.48
08/04/2023 05:00:00	0.00	21,277.18	22.40	100.49
08/04/2023 05:05:00	0.00	19,946.59	22.55	100.50
08/04/2023 05:10:00	0.00	20,556.95	22.84	100.51
08/04/2023 05:15:00	0.00	21,057.45	22.40	100.53
08/04/2023 05:20:00	0.00	20,300.60	22.71	100.53
08/04/2023 05:25:00	0.00	19,482.72	22.87	100.57
08/04/2023 05:30:00	0.00	20,685.13	22.26	100.57
08/04/2023 05:35:00	0.00	19,354.54	22.40	100.57
08/04/2023 05:40:00	0.00	18,371.86	22.10	100.58
08/04/2023 05:45:00	0.00	20,447.09	22.87	100.59
08/04/2023 05:50:00	0.30	19,836.73	22.73	100.59
08/04/2023 05:55:00	0.05	20,685.13	22.73	100.59
08/04/2023 06:00:00	0.14	20,093.08	23.03	100.59
08/04/2023 06:05:00	0.02	20,819.41	22.59	100.62
08/04/2023 06:10:00	0.00	20,556.95	23.00	100.62
08/04/2023 06:15:00	0.00	20,447.09	22.84	100.62
08/04/2023 06:20:00	0.02	21,557.95	23.03	100.63
08/04/2023 06:25:00	0.00	21,185.63	23.33	100.63
08/04/2023 06:30:00	0.00	0.00	23.03	100.65

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)
08/04/2023 06:35:00	0.11	23,022.81	23.49	100.67
08/04/2023 06:40:00	0.00	20,819.41	23.35	100.68
08/04/2023 06:45:00	0.05	21,667.81	22.71	100.68
08/04/2023 06:50:00	0.07	21,295.49	23.33	100.68
08/04/2023 06:55:00	0.07	21,057.45	23.35	100.68
08/04/2023 07:00:00	0.16	21,795.99	22.71	100.68
08/04/2023 07:05:00	0.27	20,819.41	22.57	100.70
08/04/2023 07:10:00	0.16	21,075.76	23.33	100.70
08/04/2023 07:15:00	0.02	21,057.45	22.73	100.72
08/04/2023 07:20:00	0.05	21,313.80	23.19	100.71
08/04/2023 07:25:00	0.07	21,338.22	23.03	100.72
08/04/2023 07:30:00	0.07	20,465.40	22.87	100.73
08/04/2023 07:35:00	0.30	20,556.95	23.00	100.73
08/04/2023 07:40:00	0.00	20,801.10	23.17	100.74
08/04/2023 07:45:00	0.02	22,412.45	22.73	100.76
08/04/2023 07:50:00	0.14	20,929.27	22.40	100.77
08/04/2023 07:55:00	0.09	20,465.40	22.42	100.79
08/04/2023 08:00:00	0.09	20,929.27	22.87	100.79
08/04/2023 08:05:00	0.21	20,819.41	22.26	100.77
08/04/2023 08:10:00	0.11	20,074.77	22.89	100.79
08/04/2023 08:15:00	0.09	0.00	22.57	100.78
08/04/2023 08:20:00	0.00	20,318.91	22.40	100.80
08/04/2023 08:25:00	0.00	20,447.09	22.42	100.82
08/04/2023 08:30:00	0.14	20,666.82	22.71	100.82
08/04/2023 08:35:00	0.00	20,202.94	22.42	100.83
08/04/2023 08:40:00	0.02	21,057.45	23.03	100.84
08/04/2023 08:45:00	0.05	21,295.49	22.57	100.84
08/04/2023 08:50:00	0.00	20,929.27	23.00	100.83
08/04/2023 08:55:00	0.05	21,686.12	22.59	100.85
08/04/2023 09:00:00	0.00	21,686.12	22.26	100.86
08/04/2023 09:05:00	0.00	21,649.50	22.57	100.85
08/04/2023 09:10:00	0.07	20,929.27	22.87	100.83
08/04/2023 09:15:00	0.00	20,837.72	22.26	100.84
08/04/2023 09:20:00	0.02	21,313.80	22.26	100.84
08/04/2023 09:25:00	0.23	20,819.41	22.29	100.84
08/04/2023 09:30:00	0.02	21,167.32	22.71	100.84
08/04/2023 09:35:00	0.00	20,819.41	22.38	100.84
08/04/2023 09:40:00	0.07	20,929.27	22.68	100.85
08/04/2023 09:45:00	0.00	20,556.95	22.08	100.85
08/04/2023 09:50:00	0.00	20,910.96	22.84	100.84
08/04/2023 09:55:00	0.00	21,411.46	22.24	100.86
08/04/2023 10:00:00	0.00	0.00	22.24	100.85
08/04/2023 10:05:00	0.00	20,929.27	22.42	100.86
08/04/2023 10:10:00	0.00	20,947.59	22.10	100.85
08/04/2023 10:15:00	0.00	21,057.45	22.71	100.85
08/04/2023 10:20:00	0.50	21,057.45	22.40	100.85
08/04/2023 10:25:00	0.72	20,819.41	22.26	100.85

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)
08/04/2023 10:30:00	0.60	21,649.50	22.71	100.84
08/04/2023 10:35:00	0.53	22,003.51	22.55	100.81
08/04/2023 10:40:00	0.48	21,686.12	22.71	100.82
08/04/2023 10:45:00	0.50	21,649.50	22.68	100.81
08/04/2023 10:50:00	0.48	22,150.00	22.55	100.80
08/04/2023 10:55:00	0.37	22,021.82	22.68	100.81
08/04/2023 11:00:00	0.65	22,259.86	22.84	100.81
08/04/2023 11:05:00	0.46	22,040.13	22.87	100.79
08/04/2023 11:10:00	0.09	22,021.82	22.87	100.81
08/04/2023 11:15:00	0.00	22,003.51	22.38	100.80
08/04/2023 11:20:00	0.05	22,021.82	22.40	100.79
08/04/2023 11:25:00	0.00	22,021.82	22.10	100.79
08/04/2023 11:30:00	0.00	22,076.75	22.40	100.77
08/04/2023 11:35:00	0.02	22,504.01	22.71	100.76
08/04/2023 11:40:00	0.00	22,021.82	22.24	100.76
08/04/2023 11:45:00	0.00	0.00	22.57	100.75
08/04/2023 11:50:00	0.00	22,632.18	22.55	100.74
08/04/2023 11:55:00	0.00	21,777.68	22.24	100.76
08/04/2023 12:00:00	0.00	22,131.69	22.84	100.74
08/04/2023 12:05:00	0.00	21,393.15	22.84	100.73
08/04/2023 12:10:00	0.00	21,277.18	22.24	100.73
08/04/2023 12:15:00	0.00	21,759.37	22.22	100.73
08/04/2023 12:20:00	0.00	22,742.05	22.38	100.72
08/04/2023 12:25:00	0.00	22,650.49	22.10	100.74
08/04/2023 12:30:00	0.00	23,004.50	22.57	100.72
08/04/2023 12:35:00	0.00	22,870.22	22.68	100.72
08/04/2023 12:40:00	0.00	22,369.73	22.38	100.71
08/04/2023 13:05:00	0.00	22,040.13	22.26	100.66
08/04/2023 13:10:00	0.05	22,650.49	23.03	100.70
08/04/2023 13:15:00	0.07	22,540.63	22.59	100.70
08/04/2023 13:20:00	0.11	22,668.80	23.22	100.68
08/04/2023 13:25:00	0.00	22,778.67	22.89	100.68
08/04/2023 13:30:00	0.11	23,169.30	22.29	100.68
08/04/2023 13:35:00	0.00	22,668.80	22.42	100.69
08/04/2023 13:40:00	0.02	22,058.44	22.15	100.68
08/04/2023 13:45:00	0.02	21,795.99	22.29	100.68
08/04/2023 13:50:00	0.00	21,704.43	22.59	100.68
08/04/2023 13:55:00	0.11	22,668.80	22.13	100.65
08/04/2023 14:00:00	0.02	22,723.74	22.73	100.64
08/04/2023 14:05:00	0.00	21,576.26	22.91	100.62
08/04/2023 14:10:00	0.07	21,966.89	22.26	100.63
08/04/2023 14:15:00	0.18	22,687.11	22.73	100.64
08/04/2023 14:20:00	0.11	21,557.95	22.61	100.63
08/04/2023 14:25:00	0.07	0.00	22.89	100.62
08/04/2023 14:30:00	0.14	22,278.17	22.73	100.63
08/04/2023 14:35:00	0.02	21,484.70	22.91	100.65
08/04/2023 14:40:00	0.11	22,040.13	22.45	100.62

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)
08/04/2023 14:45:00	0.11	0.00	22.29	100.63
08/04/2023 14:50:00	0.09	21,313.80	22.89	100.63
08/04/2023 14:55:00	0.11	21,795.99	22.42	100.62
08/04/2023 15:00:00	0.05	21,185.63	22.59	100.62
08/04/2023 15:05:00	0.05	21,539.64	22.42	100.62
08/04/2023 15:10:00	0.00	20,856.03	22.13	100.61
08/04/2023 15:15:00	0.09	20,947.59	22.45	100.59
08/04/2023 15:20:00	0.02	21,667.81	22.10	100.59
08/04/2023 15:25:00	0.16	21,521.32	22.13	100.58
08/04/2023 15:30:00	0.07	20,575.27	21.99	100.58
08/04/2023 15:35:00	0.11	21,313.80	22.26	100.57
08/04/2023 15:40:00	0.14	21,557.95	22.13	100.56
08/04/2023 15:45:00	0.16	21,203.94	21.99	100.57
08/04/2023 15:50:00	0.07	20,721.75	22.57	100.57
08/04/2023 15:55:00	0.09	21,594.57	21.99	100.57
08/04/2023 16:00:00	0.11	20,984.21	22.59	100.59
08/04/2023 16:05:00	0.14	21,557.95	22.31	100.57
08/04/2023 16:10:00	0.09	0.00	22.77	100.57
08/04/2023 16:15:00	0.14	20,837.72	22.45	100.56
08/04/2023 16:20:00	0.05	21,057.45	22.45	100.53
08/04/2023 16:25:00	0.09	20,965.90	22.13	100.55
08/04/2023 16:30:00	0.11	0.00	22.17	100.55
08/04/2023 16:35:00	0.11	20,611.89	22.61	100.52
08/04/2023 16:40:00	0.07	20,721.75	22.15	100.53
08/04/2023 16:45:00	0.16	21,112.38	22.64	100.54
08/04/2023 16:50:00	0.09	20,721.75	22.29	100.55
08/04/2023 16:55:00	0.18	20,856.03	22.45	100.53
08/04/2023 17:00:00	0.09	20,721.75	21.71	100.54
08/04/2023 17:05:00	0.02	20,257.88	21.85	100.53
08/04/2023 17:10:00	0.00	20,721.75	22.29	100.53
08/04/2023 17:15:00	0.07	20,947.59	21.81	100.51
08/04/2023 17:20:00	0.11	20,337.22	22.13	100.52
08/04/2023 17:25:00	0.16	20,611.89	22.45	100.53
08/04/2023 17:30:00	0.21	21,338.22	22.26	100.53
08/04/2023 17:35:00	0.18	20,965.90	21.99	100.51
08/04/2023 17:40:00	0.14	19,983.22	21.71	100.53
08/04/2023 17:45:00	0.05	20,465.40	22.15	100.54
08/04/2023 17:50:00	0.46	20,721.75	22.15	100.56
08/04/2023 17:55:00	0.02	0.00	21.85	100.56
08/04/2023 18:00:00	0.05	21,075.76	21.99	100.55
08/04/2023 18:05:00	0.16	20,593.58	22.29	100.59
08/04/2023 18:10:00	0.11	21,075.76	21.68	100.58
08/04/2023 18:15:00	0.27	0.00	21.39	100.57
08/04/2023 18:20:00	0.16	19,928.28	22.29	100.60
08/04/2023 18:25:00	0.05	20,837.72	21.55	100.60
08/04/2023 18:30:00	0.09	20,703.44	21.99	100.62
08/04/2023 18:35:00	0.02	20,611.89	21.55	100.62

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)
08/04/2023 18:40:00	0.00	19,873.35	21.66	100.61
08/04/2023 18:45:00	0.09	20,721.75	21.99	100.62
08/04/2023 18:50:00	0.09	19,745.17	21.99	100.63
08/04/2023 18:55:00	0.14	20,856.03	22.01	100.65
08/04/2023 19:00:00	0.00	20,593.58	21.41	100.63
08/04/2023 19:05:00	0.11	20,837.72	21.85	100.62
08/04/2023 19:10:00	0.14	20,239.57	21.83	100.65
08/04/2023 19:15:00	0.05	20,373.85	21.85	100.62
08/04/2023 19:20:00	0.05	20,593.58	21.08	100.65
08/04/2023 19:25:00	0.11	20,538.64	21.52	100.65
08/04/2023 19:30:00	0.21	20,111.39	21.06	100.65
08/04/2023 19:35:00	0.11	20,837.72	21.39	100.65
08/04/2023 19:40:00	0.07	0.00	21.68	100.66
08/04/2023 19:45:00	0.00	20,001.53	21.39	100.66
08/04/2023 19:50:00	0.07	20,721.75	21.23	100.68
08/04/2023 19:55:00	0.05	20,239.57	21.71	100.69
08/04/2023 20:00:00	0.02	0.00	21.39	100.68
08/04/2023 20:05:00	0.16	20,373.85	21.71	100.70
08/04/2023 20:10:00	0.21	20,257.88	21.11	100.69
08/04/2023 20:15:00	0.09	20,611.89	21.52	100.70
08/04/2023 20:20:00	0.05	20,611.89	21.08	100.73
08/04/2023 20:25:00	0.02	20,148.01	21.25	100.71
08/04/2023 20:30:00	0.25	20,392.16	20.94	100.73
08/04/2023 20:35:00	0.14	19,501.03	21.08	100.72
08/04/2023 20:40:00	0.18	20,965.90	21.71	100.74
08/04/2023 20:45:00	0.07	20,239.57	21.08	100.73
08/04/2023 20:50:00	0.07	20,611.89	21.23	100.76
08/04/2023 20:55:00	0.00	20,483.71	20.76	100.76
08/04/2023 21:00:00	0.11	20,257.88	21.39	100.76
08/04/2023 21:05:00	0.16	19,745.17	21.08	100.76
08/04/2023 21:10:00	0.18	20,721.75	21.41	100.79
08/04/2023 21:15:00	0.11	20,093.08	21.08	100.77
08/04/2023 21:20:00	0.07	19,537.65	20.94	100.78
08/04/2023 21:25:00	0.09	0.00	21.27	100.78
08/04/2023 21:30:00	0.16	20,593.58	21.23	100.77
08/04/2023 21:35:00	0.09	20,465.40	21.36	100.77
08/04/2023 21:40:00	0.07	19,745.17	21.08	100.77
08/04/2023 21:45:00	0.18	0.00	21.39	100.77
08/04/2023 21:50:00	0.11	20,856.03	21.23	100.78
08/04/2023 21:55:00	0.09	20,721.75	20.76	100.77
08/04/2023 22:00:00	0.11	19,891.66	21.55	100.79
08/04/2023 22:05:00	0.00	20,593.58	21.06	100.77
08/04/2023 22:10:00	0.05	20,428.78	21.52	100.78
08/04/2023 22:15:00	0.05	20,221.26	21.08	100.77
08/04/2023 22:20:00	0.02	19,745.17	21.23	100.77
08/04/2023 22:25:00	0.09	20,721.75	21.23	100.76
08/04/2023 22:30:00	0.05	20,447.09	20.90	100.77

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)
08/04/2023 22:35:00	0.05	19,629.21	20.74	100.76
08/04/2023 22:40:00	0.09	20,465.40	21.36	100.76
08/04/2023 22:45:00	0.05	20,221.26	21.06	100.72
08/04/2023 22:50:00	0.09	19,873.35	21.08	100.75
08/04/2023 22:55:00	0.05	19,745.17	20.60	100.73
08/04/2023 23:00:00	0.16	19,629.21	21.08	100.74
08/04/2023 23:05:00	0.05	20,111.39	20.62	100.74
08/04/2023 23:10:00	0.18	0.00	21.11	100.72
08/04/2023 23:15:00	0.09	20,019.84	21.23	100.73
08/04/2023 23:20:00	0.16	20,721.75	20.51	100.73
08/04/2023 23:25:00	0.05	20,221.26	21.25	100.73
08/04/2023 23:30:00	0.23	0.00	21.08	100.72
08/04/2023 23:35:00	0.16	19,555.96	21.23	100.73
08/04/2023 23:40:00	0.02	19,745.17	21.08	100.71
08/04/2023 23:45:00	0.11	20,648.51	20.78	100.71
08/04/2023 23:50:00	0.07	19,745.17	20.92	100.68
08/04/2023 23:55:00	0.09	20,111.39	20.92	100.68