



## 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: 01/04/2023

Tới: 01/04/2023

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)
01/04/2023 00:00:00	0.50	19,000.53	21.06	99.87
01/04/2023 00:05:00	0.41	18,890.67	21.52	99.88
01/04/2023 00:10:00	0.74	19,244.68	21.06	99.87
01/04/2023 00:15:00	0.34	18,744.18	21.36	99.87
01/04/2023 00:20:00	0.39	19,354.54	21.52	99.85
01/04/2023 00:25:00	0.83	19,409.48	20.87	99.85
01/04/2023 00:30:00	0.97	18,872.36	21.20	99.84
01/04/2023 00:35:00	0.72	19,592.58	21.36	99.82
01/04/2023 00:40:00	0.50	19,354.54	20.92	99.82
01/04/2023 00:45:00	0.57	18,262.00	21.34	99.81
01/04/2023 00:50:00	0.67	19,226.37	21.06	99.79
01/04/2023 00:55:00	0.60	18,890.67	21.39	99.80
01/04/2023 01:00:00	0.55	19,720.76	20.76	99.78
01/04/2023 01:05:00	0.46	19,110.40	21.03	99.78
01/04/2023 01:10:00	0.41	18,390.17	20.46	99.79
01/04/2023 01:15:00	0.65	0.00	21.23	99.79
01/04/2023 01:20:00	0.55	19,299.61	20.74	99.78
01/04/2023 01:25:00	0.43	19,409.48	20.44	99.77
01/04/2023 01:30:00	0.69	19,226.37	20.27	99.75
01/04/2023 01:35:00	0.57	19,964.90	20.90	99.79
01/04/2023 01:40:00	0.67	19,855.04	20.60	99.76
01/04/2023 01:45:00	0.60	19,128.71	21.06	99.78
01/04/2023 01:50:00	0.67	18,762.49	20.46	99.76
01/04/2023 01:55:00	0.41	19,000.53	20.76	99.73
01/04/2023 02:00:00	0.69	19,610.89	20.44	99.73
01/04/2023 02:05:00	0.39	19,128.71	20.29	99.70
01/04/2023 02:10:00	0.41	18,725.87	20.11	99.70
01/04/2023 02:15:00	0.39	19,574.27	21.03	99.70
01/04/2023 02:20:00	0.37	18,646.52	20.32	99.71
01/04/2023 02:25:00	0.21	19,244.68	20.32	99.73
01/04/2023 02:30:00	0.11	18,890.67	21.06	99.72
01/04/2023 02:35:00	0.37	19,610.89	20.29	99.70
01/04/2023 02:40:00	0.39	19,464.41	20.27	99.70
01/04/2023 02:45:00	0.32	19,110.40	20.58	99.71
01/04/2023 02:50:00	0.39	19,262.99	20.27	99.72
01/04/2023 02:55:00	0.37	19,110.40	20.13	99.72
01/04/2023 03:00:00	0.50	0.00	20.74	99.72
01/04/2023 03:05:00	0.53	18,628.21	20.90	99.70
01/04/2023 03:10:00	0.57	18,152.13	20.76	99.70
01/04/2023 03:15:00	0.92	18,646.52	20.90	99.68



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)
01/04/2023 03:20:00	0.53	18,762.49	21.08	99.69
01/04/2023 03:25:00	0.53	19,372.85	20.60	99.69
01/04/2023 03:30:00	0.55	19,128.71	20.74	99.68
01/04/2023 03:35:00	0.34	19,482.72	20.60	99.68
01/04/2023 03:40:00	0.57	19,000.53	20.92	99.68
01/04/2023 03:45:00	0.74	20,093.08	20.46	99.68
01/04/2023 03:50:00	0.34	19,299.61	20.42	99.69
01/04/2023 03:55:00	0.48	18,872.36	20.27	99.71
01/04/2023 04:00:00	0.72	18,982.22	20.58	99.70
01/04/2023 04:05:00	0.60	18,982.22	20.90	99.70
01/04/2023 04:10:00	0.46	18,628.21	20.29	99.71
01/04/2023 04:15:00	0.57	18,744.18	20.44	99.72
01/04/2023 04:20:00	0.76	19,836.73	20.60	99.73
01/04/2023 04:25:00	0.50	19,720.76	20.74	99.73
01/04/2023 04:30:00	0.88	18,390.17	20.13	99.75
01/04/2023 04:35:00	1.01	18,518.35	20.74	99.75
01/04/2023 04:40:00	1.17	19,000.53	20.46	99.74
01/04/2023 04:45:00	1.04	0.00	20.00	99.75
01/04/2023 04:50:00	0.79	19,128.71	20.46	99.74
01/04/2023 04:55:00	0.90	19,244.68	20.90	99.75
01/04/2023 05:00:00	0.65	18,554.97	20.58	99.75
01/04/2023 05:05:00	0.50	18,872.36	20.13	99.75
01/04/2023 05:10:00	0.72	19,000.53	20.46	99.75
01/04/2023 05:15:00	0.69	18,854.05	20.27	99.75
01/04/2023 05:20:00	0.88	19,855.04	20.90	99.78
01/04/2023 05:25:00	0.67	19,110.40	20.58	99.78
01/04/2023 05:30:00	0.34	18,744.18	20.29	99.78
01/04/2023 05:35:00	0.74	19,610.89	20.44	99.80
01/04/2023 05:40:00	0.65	18,890.67	20.16	99.79
01/04/2023 05:45:00	0.57	19,000.53	20.44	99.79
01/04/2023 05:50:00	0.72	18,518.35	20.76	99.79
01/04/2023 05:55:00	0.76	19,226.37	20.90	99.80
01/04/2023 06:00:00	0.83	20,221.26	20.02	99.82
01/04/2023 06:05:00	0.65	19,244.68	20.76	99.81
01/04/2023 06:10:00	0.41	19,720.76	20.60	99.82
01/04/2023 06:15:00	0.57	19,964.90	20.60	99.82
01/04/2023 06:20:00	0.60	19,372.85	20.44	99.84
01/04/2023 06:25:00	0.53	19,354.54	20.13	99.84
01/04/2023 06:30:00	0.60	0.00	20.58	99.85
01/04/2023 06:35:00	1.25	18,744.18	20.13	99.83
01/04/2023 06:40:00	0.95	19,592.58	20.13	99.85
01/04/2023 06:45:00	0.57	20,074.77	20.27	99.85
01/04/2023 06:50:00	1.15	19,983.22	20.13	99.86
01/04/2023 06:55:00	1.06	19,964.90	20.44	99.85
01/04/2023 07:00:00	0.95	19,482.72	20.44	99.86
01/04/2023 07:05:00	0.79	19,262.99	20.32	99.85
01/04/2023 07:10:00	1.08	19,592.58	20.71	99.83
01/04/2023 07:15:00	1.13	20,221.26	20.29	99.87
01/04/2023 07:20:00	0.55	19,983.22	20.76	99.88
01/04/2023 07:25:00	0.53	19,964.90	20.76	99.87
01/04/2023 07:30:00	0.53	19,855.04	20.46	99.88
01/04/2023 07:35:00	0.32	20,703.44	20.44	99.89
01/04/2023 07:40:00	0.27	19,855.04	20.46	99.88
01/04/2023 07:45:00	0.14	20,819.41	20.60	99.88



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)
01/04/2023 07:50:00	0.11	20,111.39	21.03	99.89
01/04/2023 07:55:00	0.00	20,239.57	21.03	99.90
01/04/2023 08:00:00	0.00	21,185.63	21.23	99.91
01/04/2023 08:05:00	0.00	20,556.95	21.20	99.91
01/04/2023 08:10:00	0.00	20,819.41	21.20	99.91
01/04/2023 08:15:00	0.11	0.00	20.55	99.90
01/04/2023 08:20:00	0.27	20,929.27	21.03	99.91
01/04/2023 08:25:00	0.34	20,819.41	21.34	99.96
01/04/2023 08:30:00	0.43	21,167.32	21.34	99.95
01/04/2023 08:35:00	0.74	21,185.63	21.03	99.95
01/04/2023 08:40:00	0.39	21,057.45	21.50	99.94
01/04/2023 08:45:00	0.23	20,337.22	20.76	99.96
01/04/2023 08:50:00	0.39	21,057.45	21.34	99.95
01/04/2023 08:55:00	0.37	20,801.10	21.18	99.96
01/04/2023 09:00:00	0.32	20,947.59	21.66	99.98
01/04/2023 09:05:00	0.92	21,167.32	21.03	99.97
01/04/2023 09:10:00	0.90	21,167.32	20.74	99.97
01/04/2023 09:15:00	0.65	20,947.59	20.87	99.97
01/04/2023 09:20:00	1.25	20,447.09	21.50	99.97
01/04/2023 09:25:00	0.85	20,703.44	21.50	99.97
01/04/2023 09:30:00	1.20	20,819.41	21.20	99.96
01/04/2023 09:35:00	0.99	21,039.14	21.03	99.97
01/04/2023 09:40:00	0.95	20,221.26	21.23	99.98
01/04/2023 09:45:00	0.92	21,075.76	21.36	100.00
01/04/2023 09:50:00	0.81	21,539.64	21.36	99.97
01/04/2023 09:55:00	1.08	21,429.77	21.64	99.95
01/04/2023 10:00:00	1.01	0.00	21.36	99.95
01/04/2023 10:05:00	0.72	22,040.13	20.90	99.96
01/04/2023 10:10:00	0.81	22,412.45	21.66	99.96
01/04/2023 10:15:00	0.79	22,412.45	21.18	99.96
01/04/2023 10:20:00	0.81	22,888.53	21.66	99.94
01/04/2023 10:25:00	0.76	22,540.63	21.66	99.93
01/04/2023 10:30:00	0.76	22,888.53	21.52	99.93
01/04/2023 10:35:00	0.65	22,888.53	21.03	99.93
01/04/2023 10:40:00	0.53	22,650.49	21.50	99.91
01/04/2023 10:45:00	0.63	22,522.32	21.34	99.91
01/04/2023 10:50:00	0.41	23,242.54	21.64	99.90
01/04/2023 10:55:00	0.43	23,004.50	21.36	99.88
01/04/2023 11:00:00	0.50	23,004.50	21.03	99.90
01/04/2023 11:05:00	0.39	22,369.73	21.78	99.87
01/04/2023 11:10:00	0.37	23,004.50	21.18	99.87
01/04/2023 11:15:00	0.30	22,742.05	21.78	99.85
01/04/2023 11:20:00	0.37	22,485.69	21.32	99.86
01/04/2023 11:25:00	0.34	22,986.19	21.18	99.85
01/04/2023 11:30:00	0.34	22,632.18	21.81	99.85
01/04/2023 11:35:00	0.32	22,632.18	21.25	99.83
01/04/2023 11:40:00	0.34	22,003.51	21.75	99.81
01/04/2023 11:45:00	0.34	0.00	21.48	99.82
01/04/2023 11:50:00	0.32	21,777.68	21.32	99.81
01/04/2023 11:55:00	0.34	22,522.32	21.78	99.82
01/04/2023 12:00:00	0.37	22,131.69	21.18	99.81
01/04/2023 12:05:00	0.30	21,893.64	21.48	99.78
01/04/2023 12:10:00	0.23	22,021.82	21.81	99.78
01/04/2023 12:15:00	0.27	22,760.36	21.64	99.77



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)
01/04/2023 12:20:00	0.27	22,632.18	21.48	99.75
01/04/2023 12:25:00	0.27	22,650.49	21.52	99.76
01/04/2023 12:30:00	0.21	22,504.01	22.10	99.74
01/04/2023 12:35:00	0.27	23,242.54	21.61	99.72
01/04/2023 12:40:00	0.25	22,632.18	21.36	99.73
01/04/2023 12:45:00	0.27	23,468.38	22.08	99.72
01/04/2023 12:50:00	0.23	22,760.36	21.36	99.70
01/04/2023 12:55:00	0.27	23,486.69	21.64	99.70
01/04/2023 13:00:00	0.21	22,668.80	21.50	99.69
01/04/2023 13:05:00	0.25	22,742.05	22.08	99.68
01/04/2023 13:10:00	0.25	23,260.85	21.66	99.66
01/04/2023 13:15:00	0.16	23,132.68	21.64	99.64
01/04/2023 13:20:00	0.25	22,760.36	21.97	99.65
01/04/2023 13:25:00	0.21	22,632.18	21.81	99.60
01/04/2023 13:30:00	0.18	0.00	22.10	99.59
01/04/2023 13:35:00	0.21	22,369.73	21.48	99.60
01/04/2023 13:40:00	0.14	23,004.50	21.50	99.58
01/04/2023 13:45:00	0.09	22,967.88	22.10	99.58
01/04/2023 13:50:00	0.09	22,632.18	21.78	99.55
01/04/2023 13:55:00	0.21	22,150.00	21.64	99.55
01/04/2023 14:00:00	0.23	21,777.68	21.81	99.53
01/04/2023 14:05:00	0.21	22,632.18	21.50	99.52
01/04/2023 14:10:00	0.23	22,369.73	21.78	99.51
01/04/2023 14:15:00	0.34	22,021.82	21.97	99.47
01/04/2023 14:20:00	0.30	22,278.17	21.94	99.47
01/04/2023 14:25:00	0.37	22,388.04	21.81	99.49
01/04/2023 14:30:00	0.27	22,040.13	21.64	99.47
01/04/2023 14:35:00	0.23	21,313.80	22.26	99.46
01/04/2023 14:40:00	0.32	22,021.82	21.64	99.47
01/04/2023 14:45:00	0.41	21,411.46	21.94	99.44
01/04/2023 14:50:00	0.39	21,759.37	21.78	99.42
01/04/2023 14:55:00	0.25	22,131.69	22.24	99.42
01/04/2023 15:00:00	0.27	22,021.82	22.38	99.42
01/04/2023 15:05:00	0.27	22,241.55	21.78	99.41
01/04/2023 15:10:00	0.27	22,369.73	21.78	99.41
01/04/2023 15:15:00	0.25	0.00	21.64	99.40
01/04/2023 15:20:00	0.21	21,149.00	21.94	99.38
01/04/2023 15:25:00	0.34	22,131.69	21.94	99.36
01/04/2023 15:30:00	0.32	22,259.86	22.24	99.38
01/04/2023 15:35:00	0.27	21,777.68	22.38	99.37
01/04/2023 15:40:00	0.37	22,040.13	22.42	99.38
01/04/2023 15:45:00	0.34	21,667.81	22.10	99.38
01/04/2023 15:50:00	0.34	21,893.64	21.78	99.38
01/04/2023 15:55:00	0.43	21,277.18	22.40	99.38
01/04/2023 16:00:00	0.25	21,777.68	22.26	99.38
01/04/2023 16:05:00	0.27	21,539.64	22.08	99.38
01/04/2023 16:10:00	0.37	21,429.77	22.10	99.40
01/04/2023 16:15:00	0.32	21,039.14	22.08	99.37
01/04/2023 16:20:00	0.34	21,795.99	22.26	99.36
01/04/2023 16:25:00	0.48	21,667.81	21.97	99.35
01/04/2023 16:30:00	0.48	21,167.32	21.97	99.36
01/04/2023 16:35:00	0.41	22,021.82	21.78	99.38
01/04/2023 16:40:00	0.53	20,801.10	21.64	99.36
01/04/2023 16:45:00	0.41	21,167.32	22.24	99.37



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)
01/04/2023 16:50:00	0.34	21,057.45	22.10	99.38
01/04/2023 16:55:00	0.53	21,667.81	22.10	99.40
01/04/2023 17:00:00	0.34	0.00	22.55	99.39
01/04/2023 17:05:00	0.41	21,795.99	21.97	99.41
01/04/2023 17:10:00	0.39	21,295.49	22.42	99.42
01/04/2023 17:15:00	0.34	20,819.41	22.59	99.40
01/04/2023 17:20:00	0.34	20,929.27	22.10	99.41
01/04/2023 17:25:00	0.43	20,685.13	21.78	99.39
01/04/2023 17:30:00	0.50	21,411.46	21.94	99.40
01/04/2023 17:35:00	0.39	21,203.94	22.57	99.41
01/04/2023 17:40:00	0.53	21,039.14	22.24	99.40
01/04/2023 17:45:00	0.67	20,819.41	22.10	99.41
01/04/2023 17:50:00	0.57	20,593.58	22.10	99.40
01/04/2023 17:55:00	0.55	21,039.14	22.08	99.43
01/04/2023 18:00:00	0.48	20,666.82	21.64	99.42
01/04/2023 18:05:00	0.43	20,556.95	22.38	99.45
01/04/2023 18:10:00	0.50	20,801.10	22.24	99.43
01/04/2023 18:15:00	0.55	21,039.14	22.38	99.44
01/04/2023 18:20:00	0.53	21,020.83	22.08	99.45
01/04/2023 18:25:00	0.50	20,428.78	21.78	99.47
01/04/2023 18:30:00	0.48	20,447.09	21.78	99.47
01/04/2023 18:35:00	0.48	20,056.46	22.40	99.46
01/04/2023 18:40:00	0.63	19,800.11	21.59	99.45
01/04/2023 18:45:00	0.43	0.00	21.29	99.44
01/04/2023 18:50:00	0.39	20,556.95	22.08	99.47
01/04/2023 18:55:00	0.39	20,166.32	21.45	99.47
01/04/2023 19:00:00	0.34	20,318.91	21.83	99.49
01/04/2023 19:05:00	0.23	19,592.58	21.81	99.51
01/04/2023 19:10:00	0.11	20,447.09	21.64	99.51
01/04/2023 19:15:00	0.11	20,202.94	21.50	99.52
01/04/2023 19:20:00	0.21	20,074.77	21.64	99.50
01/04/2023 19:25:00	0.18	20,300.60	22.10	99.51
01/04/2023 19:30:00	0.23	20,202.94	21.48	99.53
01/04/2023 19:35:00	0.11	20,318.91	21.18	99.51
01/04/2023 19:40:00	0.23	20,318.91	21.64	99.51
01/04/2023 19:45:00	0.23	20,801.10	21.64	99.53
01/04/2023 19:50:00	0.25	20,447.09	21.50	99.53
01/04/2023 19:55:00	0.07	20,184.63	21.64	99.54
01/04/2023 20:00:00	0.16	20,929.27	21.34	99.55
01/04/2023 20:05:00	0.30	19,720.76	21.64	99.54
01/04/2023 20:10:00	0.27	20,074.77	21.48	99.52
01/04/2023 20:15:00	0.23	20,447.09	21.94	99.53
01/04/2023 20:20:00	0.30	20,428.78	21.81	99.54
01/04/2023 20:25:00	0.18	20,929.27	22.10	99.56
01/04/2023 20:30:00	0.34	0.00	21.36	99.57
01/04/2023 20:35:00	0.32	19,946.59	21.78	99.58
01/04/2023 20:40:00	0.27	20,447.09	21.34	99.60
01/04/2023 20:45:00	0.16	20,056.46	21.61	99.58
01/04/2023 20:50:00	0.23	19,684.14	22.10	99.58
01/04/2023 20:55:00	0.32	20,801.10	21.18	99.62
01/04/2023 21:00:00	0.21	20,056.46	21.32	99.60
01/04/2023 21:05:00	0.34	20,947.59	21.94	99.61
01/04/2023 21:10:00	0.43	19,818.42	21.81	99.60
01/04/2023 21:15:00	0.37	20,685.13	21.50	99.64



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)
01/04/2023 21:20:00	0.30	20,318.91	21.94	99.62
01/04/2023 21:25:00	0.27	20,428.78	22.08	99.63
01/04/2023 21:30:00	0.39	20,556.95	21.48	99.64
01/04/2023 21:35:00	0.50	20,300.60	21.78	99.63
01/04/2023 21:40:00	0.37	20,685.13	21.34	99.62
01/04/2023 21:45:00	0.32	20,166.32	21.81	99.64
01/04/2023 21:50:00	0.25	19,629.21	21.36	99.65
01/04/2023 21:55:00	0.34	19,964.90	21.34	99.65
01/04/2023 22:00:00	0.48	20,093.08	21.50	99.65
01/04/2023 22:05:00	0.30	20,337.22	21.97	99.66
01/04/2023 22:10:00	0.11	20,593.58	21.66	99.68
01/04/2023 22:15:00	0.34	0.00	21.81	99.68
01/04/2023 22:20:00	0.72	20,093.08	21.99	99.70
01/04/2023 22:25:00	0.55	20,221.26	21.39	99.68
01/04/2023 22:30:00	0.60	20,337.22	21.20	99.67
01/04/2023 22:35:00	0.57	20,202.94	21.34	99.68
01/04/2023 22:40:00	0.37	20,575.27	21.81	99.67
01/04/2023 22:45:00	0.67	19,836.73	21.52	99.68
01/04/2023 22:50:00	0.55	20,355.54	22.13	99.68
01/04/2023 22:55:00	0.57	19,855.04	21.50	99.69
01/04/2023 23:00:00	0.79	19,244.68	21.36	99.68
01/04/2023 23:05:00	0.79	19,983.22	22.06	99.68
01/04/2023 23:10:00	0.72	19,964.90	21.68	99.68
01/04/2023 23:15:00	0.74	19,244.68	21.99	99.65
01/04/2023 23:20:00	0.99	20,093.08	21.97	99.63
01/04/2023 23:25:00	0.97	19,720.76	21.83	99.64
01/04/2023 23:30:00	0.72	20,575.27	21.50	99.64
01/04/2023 23:35:00	0.39	19,855.04	21.99	99.65
01/04/2023 23:40:00	0.23	20,337.22	21.50	99.65
01/04/2023 23:45:00	0.53	19,855.04	21.36	99.65
01/04/2023 23:50:00	0.74	20,300.60	21.64	99.65
01/04/2023 23:55:00	0.81	20,202.94	22.13	99.64