



## BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiền xi

Thời gian báo cáo: Từ: 24/03/2023

Tới: 24/03/2023

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)
24/03/2023 00:00:00	51.21	216,220.34	86.88	99.35
24/03/2023 00:05:00	55.09	198,054.47	87.18	99.39
24/03/2023 00:10:00	53.72	216,197.45	86.25	99.37
24/03/2023 00:15:00	56.60	215,129.31	89.33	99.32
24/03/2023 00:20:00	64.58	206,897.08	89.18	99.37
24/03/2023 00:25:00	54.44	196,826.12	87.51	99.40
24/03/2023 00:30:00	55.75	206,309.61	88.88	99.34
24/03/2023 00:35:00	64.90	203,219.66	87.79	99.38
24/03/2023 00:40:00	55.93	197,123.67	86.25	99.40
24/03/2023 00:45:00	65.00	198,496.98	85.05	99.39
24/03/2023 00:50:00	55.82	200,938.44	87.18	99.36
24/03/2023 00:55:00	57.51	203,379.88	84.89	99.38
24/03/2023 01:00:00	56.33	209,452.95	86.09	99.37
24/03/2023 01:05:00	47.98	205,355.92	84.42	99.34
24/03/2023 01:10:00	43.66	205,195.70	82.91	99.33
24/03/2023 01:15:00	46.70	0.00	83.79	99.35
24/03/2023 01:20:00	55.95	200,076.30	82.91	99.38
24/03/2023 01:25:00	62.19	203,402.77	84.28	99.39
24/03/2023 01:30:00	47.07	193,896.39	83.96	99.43
24/03/2023 01:35:00	51.58	202,288.84	83.67	99.40
24/03/2023 01:40:00	58.91	207,774.47	84.89	99.33
24/03/2023 01:45:00	58.00	203,219.66	85.65	99.31
24/03/2023 01:50:00	56.98	202,082.86	86.86	99.40
24/03/2023 01:55:00	59.93	193,148.70	87.77	99.32
24/03/2023 02:00:00	56.49	209,773.41	85.65	99.38
24/03/2023 02:05:00	60.02	186,266.88	87.91	99.31
24/03/2023 02:10:00	51.77	197,566.19	88.40	99.34
24/03/2023 02:15:00	48.61	191,752.50	86.56	99.33
24/03/2023 02:20:00	61.91	203,799.50	90.21	99.33
24/03/2023 02:25:00	50.87	197,871.38	87.93	99.30
24/03/2023 02:30:00	45.89	194,193.94	88.86	99.37
24/03/2023 02:35:00	54.84	201,983.67	87.93	99.38
24/03/2023 02:40:00	50.03	187,006.94	87.46	99.34
24/03/2023 02:45:00	53.67	204,844.73	91.26	99.34
24/03/2023 02:50:00	57.60	192,309.45	89.14	99.37
24/03/2023 02:55:00	62.42	205,798.44	89.28	99.35
24/03/2023 03:00:00	54.82	0.00	92.19	99.33
24/03/2023 03:05:00	58.88	199,076.83	90.65	99.34
24/03/2023 03:10:00	56.47	196,635.39	89.44	99.39
24/03/2023 03:15:00	52.67	188,822.77	89.28	99.30



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)
24/03/2023 03:20:00	57.56	199,984.73	91.42	99.36
24/03/2023 03:25:00	50.26	194,781.41	91.39	99.35
24/03/2023 03:30:00	61.17	199,961.84	90.35	99.30
24/03/2023 03:35:00	53.28	202,105.75	91.72	99.36
24/03/2023 03:40:00	58.35	199,076.83	91.58	99.38
24/03/2023 03:45:00	63.44	204,570.08	88.51	99.37
24/03/2023 03:50:00	53.67	199,824.52	89.30	99.35
24/03/2023 03:55:00	62.53	203,196.77	88.37	99.38
24/03/2023 04:00:00	54.42	199,824.52	91.11	99.42
24/03/2023 04:05:00	47.98	201,220.72	91.42	99.37
24/03/2023 04:10:00	55.26	202,243.08	90.02	99.39
24/03/2023 04:15:00	54.96	193,873.50	91.72	99.44
24/03/2023 04:20:00	63.26	198,916.61	90.95	99.42
24/03/2023 04:25:00	62.19	192,660.41	88.82	99.44
24/03/2023 04:30:00	52.74	201,518.27	90.18	99.41
24/03/2023 04:35:00	59.42	203,036.55	89.72	99.40
24/03/2023 04:40:00	50.38	199,359.12	93.23	99.40
24/03/2023 04:45:00	61.58	0.00	92.79	99.41
24/03/2023 04:50:00	53.35	188,380.25	91.88	99.42
24/03/2023 04:55:00	51.87	198,451.20	94.30	99.49
24/03/2023 05:00:00	52.61	193,263.14	93.86	99.42
24/03/2023 05:05:00	68.99	199,801.62	91.86	99.43
24/03/2023 05:10:00	56.12	202,845.81	92.30	99.44
24/03/2023 05:15:00	62.63	190,356.30	90.79	99.45
24/03/2023 05:20:00	62.70	194,804.30	90.79	99.52
24/03/2023 05:25:00	54.93	187,777.52	89.75	99.50
24/03/2023 05:30:00	59.58	179,522.39	87.58	99.43
24/03/2023 05:35:00	52.45	189,379.72	88.65	99.49
24/03/2023 05:40:00	55.67	185,778.59	87.60	99.48
24/03/2023 05:45:00	61.33	199,984.73	90.79	99.46
24/03/2023 05:50:00	62.19	198,290.98	88.04	99.49
24/03/2023 05:55:00	55.16	220,729.38	87.30	99.52
24/03/2023 06:00:00	52.72	215,075.91	89.44	99.52
24/03/2023 06:05:00	60.35	218,593.12	90.02	99.54
24/03/2023 06:10:00	54.21	178,919.66	84.70	99.53
24/03/2023 06:15:00	48.19	145,502.41	84.07	99.54
24/03/2023 06:20:00	48.38	90,135.04	82.72	99.49
24/03/2023 06:25:00	41.73	38,246.74	80.28	99.52
24/03/2023 06:30:00	39.91	0.00	79.96	99.54
24/03/2023 06:35:00	35.22	18,272.68	69.91	99.57
24/03/2023 06:40:00	79.97	16,136.42	68.68	99.54
24/03/2023 06:45:00	28.18	15,831.24	63.52	99.55
24/03/2023 06:50:00	22.78	16,762.04	62.80	99.57
24/03/2023 06:55:00	21.23	15,388.72	60.61	99.58
24/03/2023 07:00:00	23.08	11,436.64	58.36	99.58
24/03/2023 07:05:00	24.92	16,136.42	57.72	99.60
24/03/2023 07:10:00	22.69	14,648.66	55.92	99.61
24/03/2023 07:15:00	21.03	16,784.92	54.86	99.61
24/03/2023 07:20:00	21.81	14,785.99	55.45	99.61
24/03/2023 07:25:00	16.53	13,878.08	53.64	99.61
24/03/2023 07:30:00	21.17	14,015.41	52.06	99.60
24/03/2023 07:35:00	18.32	12,207.22	51.61	99.60
24/03/2023 07:40:00	18.34	16,021.97	51.91	99.59
24/03/2023 07:45:00	14.83	14,946.21	51.61	99.61



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)
24/03/2023 07:50:00	15.22	15,556.57	49.94	99.62
24/03/2023 07:55:00	16.24	15,274.28	50.24	99.61
24/03/2023 08:00:00	18.10	14,503.70	49.66	99.61
24/03/2023 08:05:00	13.69	16,945.14	49.33	99.62
24/03/2023 08:10:00	15.64	15,114.06	49.20	99.62
24/03/2023 08:15:00	17.81	0.00	47.49	99.64
24/03/2023 08:20:00	14.29	14,480.81	47.82	99.64
24/03/2023 08:25:00	14.44	15,739.68	46.73	99.66
24/03/2023 08:30:00	14.64	15,899.90	45.82	99.67
24/03/2023 08:35:00	11.31	13,435.57	46.89	99.66
24/03/2023 08:40:00	14.02	15,274.28	46.75	99.66
24/03/2023 08:45:00	13.37	14,366.37	45.85	99.67
24/03/2023 08:50:00	12.18	12,085.15	45.98	99.67
24/03/2023 08:55:00	12.29	13,763.64	44.78	99.66
24/03/2023 09:00:00	12.97	14,366.37	45.54	99.66
24/03/2023 09:05:00	15.04	15,762.57	44.80	99.66
24/03/2023 09:10:00	11.22	13,626.31	44.17	99.66
24/03/2023 09:15:00	10.09	15,762.57	44.94	99.66
24/03/2023 09:20:00	11.39	16,227.97	44.50	99.67
24/03/2023 09:25:00	8.93	13,923.86	44.20	99.67
24/03/2023 09:30:00	9.83	18,043.79	43.56	99.68
24/03/2023 09:35:00	10.20	15,457.39	43.43	99.66
24/03/2023 09:40:00	7.55	16,670.48	42.80	99.66
24/03/2023 09:45:00	10.88	15,602.35	41.89	99.66
24/03/2023 09:50:00	10.90	14,389.26	42.50	99.68
24/03/2023 09:55:00	9.88	13,786.53	42.52	99.67
24/03/2023 10:00:00	8.46	0.00	41.73	99.68
24/03/2023 10:05:00	10.78	13,321.13	41.59	99.68
24/03/2023 10:10:00	10.90	13,626.31	42.20	99.68
24/03/2023 10:15:00	8.83	15,762.57	41.89	99.67
24/03/2023 10:20:00	12.34	15,297.17	41.57	99.67
24/03/2023 10:25:00	13.13	13,015.95	40.83	99.67
24/03/2023 10:30:00	7.93	15,159.84	40.83	99.67
24/03/2023 10:35:00	11.25	14,854.66	40.52	99.66
24/03/2023 10:40:00	8.09	14,557.11	40.22	99.67
24/03/2023 10:45:00	9.29	16,067.75	40.22	99.66
24/03/2023 10:50:00	11.95	17,227.44	39.59	99.66
24/03/2023 10:55:00	8.02	15,625.24	40.54	99.64
24/03/2023 11:00:00	7.51	14,229.04	40.52	99.63
24/03/2023 11:05:00	10.51	15,762.57	41.12	99.64
24/03/2023 11:10:00	13.78	15,648.13	39.31	99.62
24/03/2023 11:15:00	7.51	14,694.44	39.61	99.60
24/03/2023 11:20:00	7.04	15,457.39	40.20	99.60
24/03/2023 11:25:00	7.36	12,855.73	39.43	99.57
24/03/2023 11:30:00	9.78	15,899.90	40.22	99.56
24/03/2023 11:35:00	6.78	16,998.55	38.85	99.55
24/03/2023 11:40:00	8.11	15,136.95	40.20	99.55
24/03/2023 11:45:00	7.29	0.00	40.22	99.52
24/03/2023 11:50:00	6.16	14,229.04	38.68	99.52
24/03/2023 11:55:00	7.51	15,022.51	39.15	99.52
24/03/2023 12:00:00	6.65	14,526.59	40.05	99.52
24/03/2023 12:05:00	8.85	12,550.55	39.31	99.52
24/03/2023 12:10:00	6.04	17,135.88	39.92	99.49
24/03/2023 12:15:00	6.51	13,923.86	38.99	99.51



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)
24/03/2023 12:20:00	8.51	15,762.57	39.15	99.47
24/03/2023 12:25:00	8.76	15,899.90	39.78	99.47
24/03/2023 12:30:00	7.74	14,389.26	39.59	99.47
24/03/2023 12:35:00	6.11	15,457.39	39.76	99.46
24/03/2023 12:40:00	5.44	13,946.75	39.17	99.45
24/03/2023 12:45:00	6.44	13,649.20	38.25	99.43
24/03/2023 12:50:00	5.78	15,602.35	39.48	99.42
24/03/2023 12:55:00	5.85	14,229.04	38.85	99.40
24/03/2023 13:00:00	9.13	14,854.66	39.61	99.41
24/03/2023 13:05:00	9.71	14,091.71	38.54	99.40
24/03/2023 13:10:00	4.81	13,481.35	37.78	99.39
24/03/2023 13:15:00	6.39	15,739.68	38.08	99.37
24/03/2023 13:20:00	6.02	15,922.79	37.64	99.37
24/03/2023 13:25:00	4.92	14,991.99	38.41	99.37
24/03/2023 13:30:00	5.58	0.00	38.08	99.34
24/03/2023 13:35:00	6.16	14,251.93	39.29	99.34
24/03/2023 13:40:00	5.16	13,946.75	38.85	99.33
24/03/2023 13:45:00	5.93	13,878.08	38.85	99.33
24/03/2023 13:50:00	4.55	14,717.33	38.25	99.32
24/03/2023 13:55:00	5.76	14,557.11	37.48	99.32
24/03/2023 14:00:00	6.51	14,251.93	38.41	99.31
24/03/2023 14:05:00	5.65	13,786.53	38.08	99.30
24/03/2023 14:10:00	7.18	13,946.75	37.32	99.29
24/03/2023 14:15:00	4.62	13,603.42	38.99	99.28
24/03/2023 14:20:00	4.36	14,229.04	37.92	99.28
24/03/2023 14:25:00	4.65	13,580.53	37.80	99.28
24/03/2023 14:30:00	5.36	15,136.95	37.01	99.27
24/03/2023 14:35:00	3.43	15,136.95	38.22	99.26
24/03/2023 14:40:00	4.14	14,991.99	37.92	99.26
24/03/2023 14:45:00	4.39	13,626.31	37.32	99.25
24/03/2023 14:50:00	4.74	13,458.46	38.68	99.25
24/03/2023 14:55:00	4.58	14,366.37	38.38	99.23
24/03/2023 15:00:00	6.07	13,626.31	37.78	99.23
24/03/2023 15:05:00	4.20	13,160.91	36.85	99.21
24/03/2023 15:10:00	4.88	14,526.59	38.25	99.22
24/03/2023 15:15:00	3.78	0.00	38.08	99.22
24/03/2023 15:20:00	4.51	13,458.46	37.32	99.21
24/03/2023 15:25:00	6.16	13,626.31	38.52	99.22
24/03/2023 15:30:00	4.51	14,831.77	37.92	99.22
24/03/2023 15:35:00	4.97	14,366.37	37.78	99.21
24/03/2023 15:40:00	3.85	15,274.28	36.55	99.20
24/03/2023 15:45:00	6.53	14,991.99	37.92	99.21
24/03/2023 15:50:00	5.11	14,969.10	36.85	99.21
24/03/2023 15:55:00	4.74	13,763.64	37.92	99.23
24/03/2023 16:00:00	5.71	14,389.26	37.78	99.25
24/03/2023 16:05:00	5.53	13,321.13	36.68	99.24
24/03/2023 16:10:00	5.65	15,159.84	37.59	99.23
24/03/2023 16:15:00	7.97	14,229.04	37.01	99.26
24/03/2023 16:20:00	5.16	13,900.97	36.39	99.26
24/03/2023 16:25:00	4.58	13,603.42	37.29	99.25
24/03/2023 16:30:00	4.83	13,015.95	36.43	99.26
24/03/2023 16:35:00	7.32	14,671.55	37.45	99.25
24/03/2023 16:40:00	5.81	14,671.55	36.41	99.26
24/03/2023 16:45:00	4.44	13,321.13	35.94	99.27



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)
24/03/2023 16:50:00	3.92	14,366.37	37.01	99.27
24/03/2023 16:55:00	4.65	13,626.31	36.71	99.26
24/03/2023 17:00:00	4.51	0.00	37.01	99.27
24/03/2023 17:05:00	5.25	13,626.31	36.10	99.28
24/03/2023 17:10:00	4.49	14,991.99	37.01	99.28
24/03/2023 17:15:00	4.81	13,298.24	35.48	99.27
24/03/2023 17:20:00	4.44	14,854.66	36.71	99.28
24/03/2023 17:25:00	5.29	14,831.77	36.24	99.27
24/03/2023 17:30:00	6.58	14,389.26	37.01	99.26
24/03/2023 17:35:00	4.44	14,526.59	36.08	99.27
24/03/2023 17:40:00	4.36	13,763.64	37.01	99.29
24/03/2023 17:45:00	7.87	14,068.82	36.41	99.31
24/03/2023 17:50:00	6.53	12,878.61	35.64	99.31
24/03/2023 17:55:00	5.07	14,389.26	35.81	99.34
24/03/2023 18:00:00	5.36	15,159.84	35.34	99.34
24/03/2023 18:05:00	4.88	14,015.41	36.41	99.35
24/03/2023 18:10:00	4.41	14,389.26	36.24	99.36
24/03/2023 18:15:00	4.02	14,694.44	34.87	99.36
24/03/2023 18:20:00	7.09	14,831.77	35.77	99.36
24/03/2023 18:25:00	5.32	12,878.61	35.81	99.36
24/03/2023 18:30:00	4.60	14,389.26	36.24	99.38
24/03/2023 18:35:00	4.88	13,015.95	35.81	99.38
24/03/2023 18:40:00	4.39	13,786.53	35.03	99.39
24/03/2023 18:45:00	4.53	0.00	35.48	99.40
24/03/2023 18:50:00	4.88	13,015.95	34.41	99.41
24/03/2023 18:55:00	6.90	14,526.59	35.34	99.40
24/03/2023 19:00:00	4.85	14,389.26	34.90	99.41
24/03/2023 19:05:00	5.11	15,457.39	35.36	99.42
24/03/2023 19:10:00	5.78	14,854.66	34.43	99.44
24/03/2023 19:15:00	5.09	13,183.79	35.06	99.43
24/03/2023 19:20:00	4.72	14,717.33	35.19	99.45
24/03/2023 19:25:00	6.39	14,068.82	34.13	99.46
24/03/2023 19:30:00	4.49	13,183.79	34.73	99.46
24/03/2023 19:35:00	4.74	13,344.01	33.68	99.48
24/03/2023 19:40:00	4.76	15,342.95	34.75	99.49
24/03/2023 19:45:00	5.27	14,251.93	33.52	99.49
24/03/2023 19:50:00	4.60	12,741.28	35.06	99.52
24/03/2023 19:55:00	5.93	14,877.55	34.45	99.52
24/03/2023 20:00:00	4.00	12,741.28	35.36	99.51
24/03/2023 20:05:00	4.65	15,136.95	35.19	99.52
24/03/2023 20:10:00	5.09	14,251.93	34.29	99.54
24/03/2023 20:15:00	5.18	13,344.01	34.15	99.57
24/03/2023 20:20:00	5.07	14,877.55	34.75	99.56
24/03/2023 20:25:00	3.74	15,342.95	33.39	99.56
24/03/2023 20:30:00	4.72	0.00	34.73	99.56
24/03/2023 20:35:00	7.42	13,344.01	33.83	99.58
24/03/2023 20:40:00	4.14	15,022.51	33.36	99.55
24/03/2023 20:45:00	4.44	12,298.77	33.99	99.58
24/03/2023 20:50:00	5.87	13,366.90	33.24	99.60
24/03/2023 20:55:00	4.85	12,436.10	33.68	99.59
24/03/2023 21:00:00	5.49	13,061.72	34.62	99.61
24/03/2023 21:05:00	4.49	14,877.55	33.68	99.61
24/03/2023 21:10:00	5.65	14,274.81	32.78	99.63
24/03/2023 21:15:00	4.44	14,251.93	34.29	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)
24/03/2023 21:20:00	8.51	14,137.48	33.39	99.65
24/03/2023 21:25:00	3.78	13,969.63	34.29	99.64
24/03/2023 21:30:00	5.32	13,672.08	33.55	99.65
24/03/2023 21:35:00	3.74	12,436.10	32.88	99.64
24/03/2023 21:40:00	3.39	12,603.95	33.55	99.65
24/03/2023 21:45:00	4.55	13,038.83	33.06	99.67
24/03/2023 21:50:00	3.34	13,504.23	33.68	99.67
24/03/2023 21:55:00	4.72	13,115.13	32.78	99.68
24/03/2023 22:00:00	4.60	13,344.01	33.68	99.67
24/03/2023 22:05:00	3.92	12,603.95	32.94	99.67
24/03/2023 22:10:00	4.41	11,673.15	32.46	99.67
24/03/2023 22:15:00	4.07	0.00	32.75	99.69
24/03/2023 22:20:00	4.81	12,161.44	32.48	99.69
24/03/2023 22:25:00	71.53	96,383.61	32.17	99.69
24/03/2023 22:30:00	23.78	241,123.06	46.80	99.69
24/03/2023 22:35:00	31.87	314,030.66	57.05	99.73
24/03/2023 22:40:00	48.68	221,286.34	62.84	99.75
24/03/2023 22:45:00	50.82	218,570.23	67.12	99.75
24/03/2023 22:50:00	50.80	249,660.48	70.17	99.78
24/03/2023 22:55:00	46.01	255,634.39	73.95	99.77
24/03/2023 23:00:00	55.28	262,050.81	76.10	99.78
24/03/2023 23:05:00	52.70	249,980.94	78.07	99.84
24/03/2023 23:10:00	59.86	238,986.80	80.05	99.79
24/03/2023 23:15:00	59.00	244,937.81	84.00	99.84
24/03/2023 23:20:00	65.46	247,844.66	84.79	99.85
24/03/2023 23:25:00	58.93	239,284.34	88.44	99.81
24/03/2023 23:30:00	50.63	245,685.52	87.67	99.82
24/03/2023 23:35:00	65.93	240,634.78	88.72	99.85
24/03/2023 23:40:00	58.46	241,565.58	92.26	99.85
24/03/2023 23:45:00	71.85	230,586.70	92.86	99.83
24/03/2023 23:50:00	58.93	225,360.48	93.90	99.84
24/03/2023 23:55:00	58.26	237,865.27	93.14	99.86