



## 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: 18/04/2023

Tới: 18/04/2023

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)
18/04/2023 00:00:00	3.14	0.00	27.78	99.44
18/04/2023 00:05:00	4.65	0.00	27.92	99.44
18/04/2023 00:10:00	3.74	0.00	27.64	99.43
18/04/2023 00:15:00	2.88	0.00	28.08	99.41
18/04/2023 00:20:00	4.78	0.00	28.08	99.41
18/04/2023 00:25:00	4.16	0.00	27.95	99.42
18/04/2023 00:30:00	5.16	0.00	27.78	99.42
18/04/2023 00:35:00	4.90	0.00	27.78	99.42
18/04/2023 00:40:00	3.58	0.00	28.24	99.40
18/04/2023 00:45:00	4.95	0.00	27.31	99.39
18/04/2023 00:50:00	5.69	0.00	27.48	99.38
18/04/2023 00:55:00	3.56	0.00	28.06	99.37
18/04/2023 01:00:00	2.46	0.00	27.78	99.37
18/04/2023 01:05:00	4.36	0.00	28.22	99.37
18/04/2023 01:10:00	5.23	0.00	27.46	99.35
18/04/2023 01:15:00	6.13	0.00	27.62	99.35
18/04/2023 01:20:00	6.87	0.00	27.46	99.34
18/04/2023 01:25:00	6.02	0.00	27.18	99.34
18/04/2023 01:30:00	6.62	0.00	27.34	99.32
18/04/2023 01:35:00	5.20	0.00	27.31	99.30
18/04/2023 01:40:00	4.60	0.00	27.48	99.31
18/04/2023 01:45:00	5.13	0.00	27.02	99.31
18/04/2023 01:50:00	5.00	0.00	27.64	99.30
18/04/2023 01:55:00	5.81	0.00	27.15	99.30
18/04/2023 02:00:00	4.34	0.00	26.99	99.29
18/04/2023 02:05:00	3.58	0.00	27.18	99.29
18/04/2023 02:10:00	6.13	0.00	27.78	99.28
18/04/2023 02:15:00	5.34	0.00	27.02	99.26
18/04/2023 02:20:00	5.87	0.00	27.62	99.26
18/04/2023 02:25:00	4.18	0.00	27.02	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)
18/04/2023 02:30:00	4.49	0.00	27.02	99.26
18/04/2023 02:35:00	4.34	0.00	27.62	99.25
18/04/2023 02:40:00	5.51	0.00	27.02	99.26
18/04/2023 02:45:00	6.07	0.00	27.31	99.25
18/04/2023 02:50:00	4.60	0.00	27.31	99.24
18/04/2023 02:55:00	5.49	0.00	27.02	99.25
18/04/2023 03:00:00	5.07	0.00	26.71	99.26
18/04/2023 03:05:00	4.16	0.00	27.50	99.26
18/04/2023 03:10:00	6.18	0.00	27.18	99.26
18/04/2023 03:15:00	5.60	0.00	26.87	99.26
18/04/2023 03:20:00	4.51	0.00	27.50	99.27
18/04/2023 03:25:00	5.78	0.00	27.34	99.27
18/04/2023 03:30:00	4.07	0.00	27.20	99.26
18/04/2023 03:35:00	4.00	0.00	26.85	99.26
18/04/2023 03:40:00	4.72	0.00	27.18	99.26
18/04/2023 03:45:00	4.69	0.00	27.31	99.26
18/04/2023 03:50:00	4.53	0.00	27.48	99.27
18/04/2023 03:55:00	3.90	0.00	26.71	99.27
18/04/2023 04:00:00	4.39	0.00	27.18	99.27
18/04/2023 04:05:00	4.78	0.00	27.31	99.26
18/04/2023 04:10:00	3.81	0.00	27.34	99.27
18/04/2023 04:15:00	2.78	0.00	27.02	99.26
18/04/2023 04:20:00	2.85	0.00	27.02	99.27
18/04/2023 04:25:00	2.23	0.00	27.18	99.26
18/04/2023 04:30:00	2.78	0.00	26.73	99.28
18/04/2023 04:35:00	2.94	0.00	26.87	99.27
18/04/2023 04:40:00	2.72	0.00	27.46	99.29
18/04/2023 04:45:00	2.60	0.00	27.31	99.29
18/04/2023 04:50:00	2.14	0.00	26.71	99.30
18/04/2023 04:55:00	2.78	0.00	27.62	99.29
18/04/2023 05:00:00	3.60	0.00	26.99	99.29
18/04/2023 05:05:00	2.09	0.00	27.15	99.30
18/04/2023 05:10:00	3.74	0.00	27.29	99.32
18/04/2023 05:15:00	2.32	0.00	27.31	99.33
18/04/2023 05:20:00	2.18	0.00	26.99	99.33
18/04/2023 05:25:00	2.11	0.00	27.15	99.34
18/04/2023 05:30:00	2.53	0.00	26.99	99.35
18/04/2023 05:35:00	1.43	0.00	27.46	99.35
18/04/2023 05:40:00	2.37	0.00	27.02	99.37
18/04/2023 05:45:00	2.49	0.00	26.99	99.38
18/04/2023 05:50:00	2.34	0.00	27.46	99.39
18/04/2023 05:55:00	1.90	0.00	27.13	99.39
18/04/2023 06:00:00	2.49	0.00	27.15	99.39
18/04/2023 06:05:00	1.90	0.00	27.29	99.40
18/04/2023 06:10:00	2.43	0.00	27.60	99.40

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)
18/04/2023 06:15:00	2.20	0.00	27.48	99.41
18/04/2023 06:20:00	2.58	0.00	27.02	99.44
18/04/2023 06:25:00	2.23	0.00	27.62	99.46
18/04/2023 06:30:00	1.90	0.00	27.92	99.45
18/04/2023 06:35:00	2.11	0.00	27.31	99.47
18/04/2023 06:40:00	1.63	0.00	27.92	99.47
18/04/2023 06:45:00	1.81	0.00	27.15	99.48
18/04/2023 06:50:00	2.02	0.00	27.64	99.49
18/04/2023 06:55:00	2.49	0.00	27.78	99.49
18/04/2023 07:00:00	1.95	0.00	27.15	99.49
18/04/2023 07:05:00	2.16	0.00	27.92	99.50
18/04/2023 07:10:00	1.92	0.00	27.92	99.50
18/04/2023 07:15:00	2.32	0.00	27.31	99.50
18/04/2023 07:20:00	1.72	0.00	28.06	99.52
18/04/2023 07:25:00	2.53	0.00	27.48	99.52
18/04/2023 07:30:00	1.98	0.00	27.92	99.51
18/04/2023 07:35:00	1.88	0.00	27.31	99.51
18/04/2023 07:40:00	2.20	0.00	28.06	99.53
18/04/2023 07:45:00	2.37	0.00	27.76	99.54
18/04/2023 07:50:00	2.30	0.00	27.76	99.54
18/04/2023 07:55:00	2.04	0.00	27.46	99.54
18/04/2023 08:00:00	1.74	0.00	27.62	99.54
18/04/2023 08:05:00	2.18	0.00	28.06	99.55
18/04/2023 08:10:00	2.11	0.00	27.78	99.55
18/04/2023 08:15:00	1.95	0.00	28.06	99.54
18/04/2023 08:20:00	1.72	0.00	28.24	99.55
18/04/2023 08:25:00	2.02	0.00	27.76	99.55
18/04/2023 08:30:00	1.85	0.00	27.62	99.55
18/04/2023 08:35:00	1.60	0.00	28.38	99.58
18/04/2023 08:40:00	1.76	0.00	28.22	99.58
18/04/2023 08:45:00	2.39	0.00	27.76	99.58
18/04/2023 08:50:00	1.98	0.00	27.62	99.59
18/04/2023 08:55:00	1.81	0.00	28.53	99.58
18/04/2023 09:00:00	1.72	0.00	28.38	99.59
18/04/2023 09:05:00	1.76	0.00	27.62	99.59
18/04/2023 09:10:00	1.95	0.00	27.95	99.60
18/04/2023 09:15:00	2.11	0.00	27.92	99.58
18/04/2023 09:20:00	1.98	0.00	28.36	99.58
18/04/2023 09:25:00	2.25	0.00	28.53	99.58
18/04/2023 09:30:00	1.95	0.00	27.76	99.57
18/04/2023 09:35:00	1.65	0.00	28.53	99.56
18/04/2023 09:40:00	1.95	0.00	28.36	99.56
18/04/2023 09:45:00	1.90	0.00	27.92	99.57
18/04/2023 09:50:00	1.85	0.00	28.36	99.58
18/04/2023 09:55:00	1.95	0.00	28.53	99.57

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)
18/04/2023 10:00:00	1.60	0.00	28.20	99.57
18/04/2023 10:05:00	1.65	0.00	28.66	99.55
18/04/2023 10:10:00	1.81	0.00	27.92	99.55
18/04/2023 10:15:00	1.53	0.00	27.92	99.54
18/04/2023 10:20:00	1.60	0.00	28.04	99.52
18/04/2023 10:25:00	2.23	0.00	28.36	99.50
18/04/2023 10:30:00	1.83	0.00	28.36	99.51
18/04/2023 10:35:00	1.41	0.00	28.66	99.51
18/04/2023 10:40:00	2.18	0.00	28.22	99.52
18/04/2023 10:45:00	1.74	0.00	28.66	99.51
18/04/2023 10:50:00	1.30	0.00	28.24	99.50
18/04/2023 10:55:00	0.95	0.00	28.69	99.49
18/04/2023 11:00:00	1.14	0.00	28.53	99.47
18/04/2023 11:05:00	1.18	0.00	28.82	99.49
18/04/2023 11:10:00	1.37	0.00	28.66	99.46
18/04/2023 11:15:00	1.37	0.00	28.22	99.45
18/04/2023 11:20:00	1.65	0.00	28.66	99.45
18/04/2023 11:25:00	1.56	0.00	28.36	99.44
18/04/2023 11:30:00	1.23	0.00	28.97	99.44
18/04/2023 11:35:00	1.51	0.00	28.97	99.41
18/04/2023 11:40:00	1.21	0.00	29.13	99.40
18/04/2023 11:45:00	1.21	0.00	28.85	99.40
18/04/2023 11:50:00	1.34	0.00	29.13	99.39
18/04/2023 11:55:00	1.32	0.00	28.53	99.40
18/04/2023 12:00:00	1.37	0.00	28.82	99.38
18/04/2023 12:05:00	1.39	0.00	29.27	99.36
18/04/2023 12:10:00	1.39	0.00	28.82	99.34
18/04/2023 12:15:00	1.37	0.00	29.27	99.34
18/04/2023 12:20:00	1.32	0.00	29.15	99.34
18/04/2023 12:25:00	1.25	0.00	29.43	99.32
18/04/2023 12:30:00	1.30	0.00	28.66	99.32
18/04/2023 12:35:00	1.25	0.00	28.97	99.29
18/04/2023 12:40:00	1.32	0.00	28.80	99.26
18/04/2023 12:45:00	1.02	0.00	29.43	99.29
18/04/2023 12:50:00	1.11	0.00	28.66	99.26
18/04/2023 12:55:00	0.97	0.00	29.11	99.26
18/04/2023 13:00:00	1.25	0.00	29.13	99.25
18/04/2023 13:05:00	8.16	62,180.51	31.71	99.29
18/04/2023 13:10:00	14.41	134,195.47	37.50	99.30
18/04/2023 13:15:00	12.39	130,220.49	39.92	99.14
18/04/2023 13:20:00	14.53	142,130.16	41.80	99.20
18/04/2023 13:25:00	16.01	134,172.58	43.12	99.20
18/04/2023 13:30:00	20.76	125,894.56	45.89	99.16
18/04/2023 13:35:00	19.27	128,992.14	48.17	99.14
18/04/2023 13:40:00	25.18	137,521.94	48.64	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)
18/04/2023 13:45:00	25.89	133,432.52	50.15	99.13
18/04/2023 13:50:00	19.46	132,661.94	52.15	99.18
18/04/2023 13:55:00	22.38	106,271.46	51.38	99.26
18/04/2023 14:00:00	25.06	131,593.80	51.22	99.23
18/04/2023 14:05:00	24.12	0.00	50.75	99.25
18/04/2023 14:10:00	22.69	84,733.35	51.35	99.20
18/04/2023 14:15:00	25.61	138,010.22	50.91	99.17
18/04/2023 14:20:00	24.90	146,990.16	50.45	99.17
18/04/2023 14:25:00	24.36	131,433.59	51.52	99.16
18/04/2023 14:30:00	20.92	129,594.87	50.91	99.15
18/04/2023 14:35:00	25.20	121,965.36	50.75	99.15
18/04/2023 14:40:00	25.59	130,640.12	51.03	99.19
18/04/2023 14:45:00	23.66	117,685.21	53.52	99.23
18/04/2023 14:50:00	29.80	121,942.47	54.45	99.17
18/04/2023 14:55:00	31.98	114,778.36	55.19	99.08
18/04/2023 15:00:00	24.48	116,708.63	57.15	99.09
18/04/2023 15:05:00	29.34	121,179.52	57.61	99.15
18/04/2023 15:10:00	27.99	116,014.34	56.70	99.24
18/04/2023 15:15:00	30.20	113,710.23	57.33	99.17
18/04/2023 15:20:00	27.87	120,294.50	57.50	99.18
18/04/2023 15:25:00	28.73	122,690.17	58.68	99.08
18/04/2023 15:30:00	30.87	120,714.12	60.19	99.12
18/04/2023 15:35:00	33.59	109,430.08	59.45	99.04
18/04/2023 15:40:00	34.04	110,040.44	61.12	99.09
18/04/2023 15:45:00	32.62	120,874.34	59.77	99.12
18/04/2023 15:50:00	31.82	0.00	60.52	99.04
18/04/2023 15:55:00	30.71	120,103.76	62.36	99.05
18/04/2023 16:00:00	28.05	116,594.19	62.03	99.12
18/04/2023 16:05:00	34.26	113,878.08	63.89	99.06
18/04/2023 16:10:00	32.80	108,964.68	63.56	99.14
18/04/2023 16:15:00	36.47	115,831.24	65.09	99.13
18/04/2023 16:20:00	32.31	117,341.88	66.61	99.10
18/04/2023 16:25:00	35.87	118,272.68	64.16	99.05
18/04/2023 16:30:00	37.15	108,178.84	64.77	99.06
18/04/2023 16:35:00	34.45	113,664.45	64.91	99.08
18/04/2023 16:40:00	36.50	127,573.05	63.56	99.10
18/04/2023 16:45:00	35.77	112,642.10	65.54	99.08
18/04/2023 16:50:00	30.33	68,368.05	67.98	99.08
18/04/2023 16:55:00	35.52	34,042.88	67.38	99.12
18/04/2023 17:00:00	24.32	26,108.19	62.05	99.12
18/04/2023 17:05:00	18.34	21,667.81	55.47	99.12
18/04/2023 17:10:00	16.75	20,759.90	53.80	99.09
18/04/2023 17:15:00	30.33	19,089.04	51.91	99.12
18/04/2023 17:20:00	15.41	20,759.90	50.10	99.08
18/04/2023 17:25:00	16.22	20,927.75	48.42	99.12

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)
18/04/2023 17:30:00	12.13	20,599.68	48.42	99.10
18/04/2023 17:35:00	14.37	0.00	47.05	99.09
18/04/2023 17:40:00	12.80	19,554.44	46.13	99.08
18/04/2023 17:45:00	14.34	20,759.90	45.54	99.08
18/04/2023 17:50:00	12.18	18,783.86	45.85	99.08
18/04/2023 17:55:00	9.27	19,111.92	44.45	99.06
18/04/2023 18:00:00	10.22	19,851.99	44.15	99.07
18/04/2023 18:05:00	9.76	18,204.01	42.66	99.10
18/04/2023 18:10:00	10.27	18,341.34	43.56	99.10
18/04/2023 18:15:00	9.20	19,554.44	42.36	99.11
18/04/2023 18:20:00	8.06	19,554.44	42.47	99.12
18/04/2023 18:25:00	8.60	18,181.12	42.34	99.11
18/04/2023 18:30:00	10.71	15,457.39	40.83	99.13
18/04/2023 18:35:00	9.09	18,646.52	41.73	99.12
18/04/2023 18:40:00	8.85	17,738.61	41.29	99.15
18/04/2023 18:45:00	8.20	18,204.01	41.29	99.14
18/04/2023 18:50:00	8.51	18,066.68	40.96	99.15
18/04/2023 18:55:00	7.48	18,181.12	40.22	99.15
18/04/2023 19:00:00	8.27	17,578.39	40.38	99.16
18/04/2023 19:05:00	6.69	18,204.01	40.36	99.17
18/04/2023 19:10:00	7.34	17,738.61	39.15	99.16
18/04/2023 19:15:00	7.46	16,830.70	39.78	99.17
18/04/2023 19:20:00	7.60	0.00	38.83	99.17
18/04/2023 19:25:00	7.34	15,602.35	39.29	99.17
18/04/2023 19:30:00	5.74	17,738.61	39.45	99.17
18/04/2023 19:35:00	9.04	16,853.59	38.70	99.20
18/04/2023 19:40:00	6.02	15,434.50	37.61	99.21
18/04/2023 19:45:00	7.85	18,226.90	38.85	99.23
18/04/2023 19:50:00	6.55	17,486.84	37.78	99.23
18/04/2023 19:55:00	6.53	16,365.30	37.61	99.21
18/04/2023 20:00:00	6.13	16,067.75	37.32	99.21
18/04/2023 20:05:00	5.78	17,433.43	38.54	99.23
18/04/2023 20:10:00	6.81	15,762.57	38.25	99.24
18/04/2023 20:15:00	6.81	14,717.33	37.96	99.26
18/04/2023 20:20:00	5.97	16,556.04	37.50	99.26
18/04/2023 20:25:00	5.58	15,320.06	37.64	99.24
18/04/2023 20:30:00	5.71	15,159.84	36.85	99.25
18/04/2023 20:35:00	5.32	16,388.19	37.48	99.26
18/04/2023 20:40:00	6.60	16,533.15	37.17	99.26
18/04/2023 20:45:00	5.76	14,557.11	37.32	99.25
18/04/2023 20:50:00	4.88	14,557.11	37.48	99.26
18/04/2023 20:55:00	5.71	14,366.37	35.81	99.26
18/04/2023 21:00:00	5.32	14,854.66	35.81	99.26
18/04/2023 21:05:00	4.92	0.00	36.26	99.25
18/04/2023 21:10:00	5.36	16,388.19	36.24	99.25

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)
18/04/2023 21:15:00	4.81	14,854.66	36.87	99.25
18/04/2023 21:20:00	4.92	15,625.24	35.48	99.25
18/04/2023 21:25:00	5.04	18,089.57	35.52	99.27
18/04/2023 21:30:00	4.88	15,022.51	36.26	99.27
18/04/2023 21:35:00	6.20	14,717.33	36.71	99.27
18/04/2023 21:40:00	5.07	15,182.73	35.03	99.26
18/04/2023 21:45:00	5.09	14,114.60	35.83	99.26
18/04/2023 21:50:00	5.39	15,159.84	35.81	99.26
18/04/2023 21:55:00	4.74	16,250.86	34.59	99.26
18/04/2023 22:00:00	4.92	16,090.64	35.34	99.26
18/04/2023 22:05:00	4.41	14,412.15	35.97	99.24
18/04/2023 22:10:00	4.46	14,648.66	34.90	99.25
18/04/2023 22:15:00	4.14	15,785.46	35.81	99.27
18/04/2023 22:20:00	5.11	14,114.60	34.43	99.26
18/04/2023 22:25:00	4.39	13,969.63	35.36	99.27
18/04/2023 22:30:00	5.07	12,878.61	34.90	99.27
18/04/2023 22:35:00	5.36	14,114.60	35.36	99.27
18/04/2023 22:40:00	16.88	61,577.78	41.63	99.20
18/04/2023 22:45:00	21.03	61,554.89	48.17	99.33
18/04/2023 22:50:00	25.50	0.00	50.89	99.28
18/04/2023 22:55:00	23.76	131,433.59	50.75	99.27
18/04/2023 23:00:00	28.18	116,754.41	51.35	99.29
18/04/2023 23:05:00	28.69	109,475.85	52.93	99.28
18/04/2023 23:10:00	28.20	119,829.10	55.50	99.33
18/04/2023 23:15:00	29.11	121,385.52	55.54	99.35
18/04/2023 23:20:00	28.01	118,318.46	57.66	99.32
18/04/2023 23:25:00	32.24	120,431.83	57.33	99.34
18/04/2023 23:30:00	34.75	127,153.43	58.10	99.34
18/04/2023 23:35:00	35.33	121,339.74	57.63	99.28
18/04/2023 23:40:00	34.29	119,081.41	59.03	99.30
18/04/2023 23:45:00	33.98	110,200.66	59.63	99.29
18/04/2023 23:50:00	32.17	109,269.86	60.40	99.31
18/04/2023 23:55:00	31.11	119,363.70	60.07	99.34