



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

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiên xi

Thời gian báo cáo: Từ: 03/04/2023

Tới: 03/04/2023

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)
03/04/2023 00:00:00	4.23	0.00	24.16	99.34
03/04/2023 00:05:00	4.67	0.00	24.01	99.35
03/04/2023 00:10:00	3.97	0.00	23.69	99.34
03/04/2023 00:15:00	4.62	0.00	24.29	99.34
03/04/2023 00:20:00	5.27	0.00	23.55	99.34
03/04/2023 00:25:00	4.97	0.00	23.69	99.34
03/04/2023 00:30:00	3.69	0.00	23.69	99.33
03/04/2023 00:35:00	4.39	0.00	23.52	99.34
03/04/2023 00:40:00	4.41	0.00	23.99	99.34
03/04/2023 00:45:00	3.62	0.00	23.83	99.33
03/04/2023 00:50:00	3.74	0.00	23.99	99.32
03/04/2023 00:55:00	4.46	0.00	23.52	99.32
03/04/2023 01:00:00	4.32	0.00	23.36	99.28
03/04/2023 01:05:00	5.60	0.00	23.36	99.26
03/04/2023 01:10:00	4.30	0.00	24.16	99.27
03/04/2023 01:15:00	4.20	0.00	23.69	99.27
03/04/2023 01:20:00	4.53	0.00	23.69	99.28
03/04/2023 01:25:00	2.90	0.00	23.67	99.26
03/04/2023 01:30:00	4.30	0.00	23.38	99.24
03/04/2023 01:35:00	4.62	0.00	23.38	99.25
03/04/2023 01:40:00	2.60	0.00	23.38	99.23
03/04/2023 01:45:00	3.25	0.00	23.69	99.23
03/04/2023 01:50:00	2.34	0.00	23.36	99.23
03/04/2023 01:55:00	1.25	0.00	23.22	99.21
03/04/2023 02:00:00	1.05	0.00	23.36	99.22
03/04/2023 02:05:00	1.05	0.00	23.55	99.21
03/04/2023 02:10:00	1.05	0.00	24.01	99.19
03/04/2023 02:15:00	1.02	0.00	23.80	99.20
03/04/2023 02:20:00	1.27	0.00	23.52	99.20
03/04/2023 02:25:00	0.95	0.00	23.99	99.21
03/04/2023 02:30:00	1.02	0.00	23.99	99.20
03/04/2023 02:35:00	0.97	0.00	23.38	99.18
03/04/2023 02:40:00	1.16	0.00	23.52	99.18
03/04/2023 02:45:00	1.37	0.00	23.38	99.19
03/04/2023 02:50:00	1.16	0.00	23.22	99.20
03/04/2023 02:55:00	1.18	0.00	23.25	99.20
03/04/2023 03:00:00	0.90	0.00	23.38	99.21

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)
03/04/2023 03:05:00	1.16	0.00	23.55	99.20
03/04/2023 03:10:00	1.16	0.00	23.69	99.20
03/04/2023 03:15:00	1.25	0.00	23.69	99.21
03/04/2023 03:20:00	1.14	0.00	23.69	99.20
03/04/2023 03:25:00	1.05	0.00	24.01	99.20
03/04/2023 03:30:00	1.79	0.00	23.22	99.21
03/04/2023 03:35:00	1.16	0.00	23.85	99.20
03/04/2023 03:40:00	1.02	0.00	23.38	99.21
03/04/2023 03:45:00	1.09	0.00	23.99	99.20
03/04/2023 03:50:00	1.21	0.00	23.52	99.20
03/04/2023 03:55:00	1.18	0.00	23.99	99.21
03/04/2023 04:00:00	1.16	0.00	23.38	99.20
03/04/2023 04:05:00	1.02	0.00	23.96	99.20
03/04/2023 04:10:00	1.14	0.00	23.85	99.20
03/04/2023 04:15:00	0.95	0.00	23.22	99.20
03/04/2023 04:20:00	0.90	0.00	23.83	99.21
03/04/2023 04:25:00	1.00	0.00	23.83	99.21
03/04/2023 04:30:00	1.21	0.00	24.01	99.23
03/04/2023 04:35:00	1.11	0.00	23.22	99.25
03/04/2023 04:40:00	1.00	0.00	23.38	99.24
03/04/2023 04:45:00	1.14	0.00	23.99	99.25
03/04/2023 04:50:00	0.81	0.00	23.83	99.23
03/04/2023 04:55:00	1.09	0.00	23.85	99.26
03/04/2023 05:00:00	1.16	0.00	23.09	99.23
03/04/2023 05:05:00	0.95	0.00	23.22	99.23
03/04/2023 05:10:00	1.09	0.00	23.69	99.25
03/04/2023 05:15:00	1.05	0.00	23.69	99.27
03/04/2023 05:20:00	1.11	0.00	23.55	99.26
03/04/2023 05:25:00	0.95	0.00	23.85	99.27
03/04/2023 05:30:00	1.02	0.00	23.99	99.28
03/04/2023 05:35:00	0.90	0.00	23.99	99.27
03/04/2023 05:40:00	1.09	0.00	23.22	99.29
03/04/2023 05:45:00	1.11	0.00	23.22	99.29
03/04/2023 05:50:00	1.30	0.00	23.52	99.30
03/04/2023 05:55:00	1.14	0.00	23.69	99.32
03/04/2023 06:00:00	0.97	0.00	23.55	99.32
03/04/2023 06:05:00	1.07	0.00	23.38	99.33
03/04/2023 06:10:00	1.32	0.00	23.52	99.34
03/04/2023 06:15:00	1.00	0.00	24.13	99.34
03/04/2023 06:20:00	1.16	0.00	24.16	99.34
03/04/2023 06:25:00	1.00	0.00	23.83	99.34
03/04/2023 06:30:00	1.18	0.00	23.38	99.36
03/04/2023 06:35:00	1.09	0.00	23.52	99.35
03/04/2023 06:40:00	1.07	0.00	23.69	99.37
03/04/2023 06:45:00	1.30	0.00	23.99	99.37
03/04/2023 06:50:00	1.11	0.00	23.22	99.39
03/04/2023 06:55:00	1.11	0.00	23.38	99.40
03/04/2023 07:00:00	0.92	0.00	23.50	99.40
03/04/2023 07:05:00	0.88	0.00	23.36	99.39
03/04/2023 07:10:00	1.09	0.00	23.67	99.40
03/04/2023 07:15:00	1.02	0.00	23.22	99.41

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)
03/04/2023 07:20:00	1.09	0.00	24.29	99.43
03/04/2023 07:25:00	1.07	0.00	23.85	99.43
03/04/2023 07:30:00	1.00	0.00	24.13	99.42
03/04/2023 07:35:00	1.07	0.00	24.29	99.42
03/04/2023 07:40:00	0.88	0.00	23.69	99.44
03/04/2023 07:45:00	1.23	0.00	24.16	99.46
03/04/2023 07:50:00	1.21	0.00	24.29	99.46
03/04/2023 07:55:00	1.14	0.00	24.11	99.46
03/04/2023 08:00:00	1.39	0.00	23.52	99.46
03/04/2023 08:05:00	1.11	0.00	23.80	99.48
03/04/2023 08:10:00	1.14	0.00	24.13	99.49
03/04/2023 08:15:00	1.14	0.00	23.52	99.49
03/04/2023 08:20:00	1.53	0.00	23.83	99.49
03/04/2023 08:25:00	1.58	0.00	23.99	99.49
03/04/2023 08:30:00	1.49	0.00	24.13	99.49
03/04/2023 08:35:00	1.72	0.00	23.52	99.49
03/04/2023 08:40:00	1.41	0.00	23.85	99.51
03/04/2023 08:45:00	1.18	0.00	24.13	99.49
03/04/2023 08:50:00	1.32	0.00	24.43	99.49
03/04/2023 08:55:00	1.39	0.00	24.13	99.50
03/04/2023 09:00:00	1.37	0.00	23.69	99.52
03/04/2023 09:05:00	1.74	0.00	23.99	99.49
03/04/2023 09:10:00	1.74	0.00	24.43	99.49
03/04/2023 09:15:00	1.39	0.00	23.96	99.49
03/04/2023 09:20:00	1.21	0.00	23.67	99.49
03/04/2023 09:25:00	1.69	0.00	24.13	99.49
03/04/2023 09:30:00	1.18	0.00	23.83	99.48
03/04/2023 09:35:00	1.37	0.00	24.13	99.49
03/04/2023 09:40:00	1.25	0.00	24.13	99.49
03/04/2023 09:45:00	1.23	0.00	24.60	99.49
03/04/2023 09:50:00	1.23	0.00	23.83	99.49
03/04/2023 09:55:00	1.23	0.00	24.60	99.49
03/04/2023 10:00:00	1.25	0.00	24.73	99.49
03/04/2023 10:05:00	1.23	0.00	24.73	99.49
03/04/2023 10:10:00	1.34	0.00	23.83	99.49
03/04/2023 10:15:00	1.39	0.00	23.96	99.49
03/04/2023 10:20:00	1.51	0.00	24.60	99.49
03/04/2023 10:25:00	1.63	0.00	23.96	99.48
03/04/2023 10:30:00	1.72	0.00	24.43	99.48
03/04/2023 10:35:00	1.63	0.00	24.13	99.46
03/04/2023 10:40:00	1.67	0.00	24.57	99.45
03/04/2023 10:45:00	1.41	0.00	23.99	99.46
03/04/2023 10:50:00	1.25	0.00	24.29	99.46
03/04/2023 10:55:00	1.63	0.00	24.60	99.44
03/04/2023 11:00:00	1.53	0.00	24.73	99.41
03/04/2023 11:05:00	1.49	0.00	24.11	99.41
03/04/2023 11:10:00	1.58	0.00	24.90	99.40
03/04/2023 11:15:00	1.63	0.00	24.76	99.40
03/04/2023 11:20:00	2.04	0.00	24.57	99.40
03/04/2023 11:25:00	1.88	0.00	24.43	99.39
03/04/2023 11:30:00	1.83	0.00	24.71	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)
03/04/2023 11:35:00	1.65	0.00	24.41	99.35
03/04/2023 11:40:00	1.95	0.00	24.11	99.35
03/04/2023 11:45:00	1.41	0.00	24.57	99.34
03/04/2023 11:50:00	1.53	0.00	24.87	99.35
03/04/2023 11:55:00	2.25	0.00	24.57	99.34
03/04/2023 12:00:00	1.63	0.00	24.60	99.36
03/04/2023 12:05:00	1.69	0.00	24.87	99.34
03/04/2023 12:10:00	1.56	0.00	25.20	99.34
03/04/2023 12:15:00	1.56	0.00	24.57	99.34
03/04/2023 12:20:00	1.74	0.00	24.87	99.33
03/04/2023 12:25:00	1.63	0.00	25.02	99.32
03/04/2023 12:30:00	1.58	0.00	25.18	99.33
03/04/2023 12:35:00	1.60	0.00	24.73	99.31
03/04/2023 12:40:00	1.41	0.00	25.62	99.30
03/04/2023 12:45:00	1.53	0.00	25.18	99.29
03/04/2023 12:50:00	1.79	0.00	25.47	99.28
03/04/2023 12:55:00	2.11	0.00	24.71	99.26
03/04/2023 13:00:00	2.34	0.00	25.34	99.26
03/04/2023 13:05:00	1.88	0.00	24.73	99.27
03/04/2023 13:10:00	1.76	0.00	25.34	99.27
03/04/2023 13:15:00	1.63	0.00	25.34	99.27
03/04/2023 13:20:00	1.63	0.00	24.73	99.26
03/04/2023 13:25:00	1.39	0.00	25.47	99.25
03/04/2023 13:30:00	1.49	0.00	25.34	99.25
03/04/2023 13:35:00	1.74	0.00	25.34	99.23
03/04/2023 13:40:00	1.76	0.00	25.18	99.21
03/04/2023 13:45:00	2.23	0.00	25.31	99.19
03/04/2023 13:50:00	2.25	0.00	25.02	99.19
03/04/2023 13:55:00	2.16	0.00	25.51	99.18
03/04/2023 14:00:00	2.41	0.00	25.78	99.16
03/04/2023 14:05:00	2.94	0.00	25.80	99.16
03/04/2023 14:10:00	2.88	0.00	25.31	99.14
03/04/2023 14:15:00	3.09	0.00	25.34	99.14
03/04/2023 14:20:00	2.32	0.00	25.31	99.14
03/04/2023 14:25:00	1.83	0.00	25.76	99.14
03/04/2023 14:30:00	2.14	0.00	25.47	99.11
03/04/2023 14:35:00	1.98	0.00	25.18	99.12
03/04/2023 14:40:00	2.04	0.00	25.34	99.12
03/04/2023 14:45:00	2.00	0.00	25.31	99.10
03/04/2023 14:50:00	1.79	0.00	25.62	99.11
03/04/2023 14:55:00	1.85	0.00	25.94	99.10
03/04/2023 15:00:00	2.39	0.00	26.09	99.09
03/04/2023 15:05:00	3.09	0.00	26.22	99.09
03/04/2023 15:10:00	1.98	0.00	25.92	99.07
03/04/2023 15:15:00	3.81	0.00	26.06	99.08
03/04/2023 15:20:00	2.76	0.00	25.62	99.10
03/04/2023 15:25:00	2.34	0.00	25.78	99.07
03/04/2023 15:30:00	2.78	0.00	25.45	99.07
03/04/2023 15:35:00	2.37	0.00	26.25	99.08
03/04/2023 15:40:00	2.32	0.00	25.76	99.07
03/04/2023 15:45:00	2.07	0.00	25.31	99.07

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)
03/04/2023 15:50:00	2.65	0.00	25.94	99.08
03/04/2023 15:55:00	2.83	0.00	25.64	99.08
03/04/2023 16:00:00	2.39	0.00	25.45	99.07
03/04/2023 16:05:00	1.56	0.00	25.76	99.08
03/04/2023 16:10:00	2.56	0.00	26.09	99.08
03/04/2023 16:15:00	2.62	0.00	25.47	99.08
03/04/2023 16:20:00	2.04	0.00	25.92	99.09
03/04/2023 16:25:00	2.51	0.00	26.11	99.09
03/04/2023 16:30:00	1.60	0.00	25.47	99.07
03/04/2023 16:35:00	2.00	0.00	25.62	99.08
03/04/2023 16:40:00	2.02	0.00	25.47	99.08
03/04/2023 16:45:00	2.20	0.00	25.15	99.07
03/04/2023 16:50:00	2.07	0.00	25.62	99.07
03/04/2023 16:55:00	2.20	0.00	26.09	99.08
03/04/2023 17:00:00	1.79	0.00	25.64	99.08
03/04/2023 17:05:00	1.79	0.00	25.92	99.08
03/04/2023 17:10:00	1.69	0.00	25.92	99.09
03/04/2023 17:15:00	2.32	0.00	25.92	99.10
03/04/2023 17:20:00	1.69	0.00	25.94	99.11
03/04/2023 17:25:00	1.88	0.00	25.94	99.11
03/04/2023 17:30:00	1.51	0.00	25.62	99.12
03/04/2023 17:35:00	1.39	0.00	25.92	99.13
03/04/2023 17:40:00	1.63	0.00	25.78	99.13
03/04/2023 17:45:00	1.39	0.00	25.47	99.14
03/04/2023 17:50:00	1.58	0.00	26.09	99.14
03/04/2023 17:55:00	1.83	0.00	25.80	99.15
03/04/2023 18:00:00	1.63	0.00	26.11	99.15
03/04/2023 18:05:00	1.25	0.00	25.15	99.14
03/04/2023 18:10:00	1.41	0.00	25.47	99.15
03/04/2023 18:15:00	2.00	0.00	25.34	99.15
03/04/2023 18:20:00	1.11	0.00	25.94	99.14
03/04/2023 18:25:00	1.53	0.00	25.18	99.16
03/04/2023 18:30:00	1.32	0.00	25.15	99.17
03/04/2023 18:35:00	1.41	0.00	25.31	99.17
03/04/2023 18:40:00	1.41	0.00	25.18	99.17
03/04/2023 18:45:00	1.37	0.00	25.34	99.18
03/04/2023 18:50:00	1.49	0.00	25.62	99.20
03/04/2023 18:55:00	1.34	0.00	25.34	99.21
03/04/2023 19:00:00	1.09	0.00	25.31	99.21
03/04/2023 19:05:00	1.18	0.00	25.51	99.23
03/04/2023 19:10:00	1.18	0.00	25.47	99.25
03/04/2023 19:15:00	1.23	0.00	25.80	99.25
03/04/2023 19:20:00	1.25	0.00	25.78	99.25
03/04/2023 19:25:00	1.23	0.00	25.18	99.25
03/04/2023 19:30:00	1.27	0.00	25.34	99.25
03/04/2023 19:35:00	1.18	0.00	25.18	99.26
03/04/2023 19:40:00	1.18	0.00	25.94	99.26
03/04/2023 19:45:00	1.18	0.00	25.67	99.25
03/04/2023 19:50:00	1.11	0.00	25.64	99.26
03/04/2023 19:55:00	1.30	0.00	25.34	99.27
03/04/2023 20:00:00	1.27	0.00	25.62	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)
03/04/2023 20:05:00	1.05	0.00	25.96	99.31
03/04/2023 20:10:00	1.21	0.00	25.47	99.32
03/04/2023 20:15:00	1.23	0.00	25.78	99.33
03/04/2023 20:20:00	1.16	0.00	25.04	99.34
03/04/2023 20:25:00	1.30	0.00	25.18	99.35
03/04/2023 20:30:00	1.32	0.00	25.80	99.36
03/04/2023 20:35:00	1.23	0.00	25.64	99.36
03/04/2023 20:40:00	0.95	0.00	25.34	99.37
03/04/2023 20:45:00	1.30	0.00	25.64	99.36
03/04/2023 20:50:00	1.25	0.00	25.78	99.37
03/04/2023 20:55:00	1.14	0.00	25.78	99.37
03/04/2023 21:00:00	1.21	0.00	25.78	99.35
03/04/2023 21:05:00	1.18	0.00	25.94	99.37
03/04/2023 21:10:00	1.14	0.00	25.34	99.38
03/04/2023 21:15:00	1.14	0.00	25.62	99.37
03/04/2023 21:20:00	1.02	0.00	25.64	99.37
03/04/2023 21:25:00	1.34	0.00	25.64	99.36
03/04/2023 21:30:00	1.27	0.00	25.47	99.38
03/04/2023 21:35:00	1.09	0.00	25.62	99.39
03/04/2023 21:40:00	1.43	0.00	25.47	99.39
03/04/2023 21:45:00	1.32	0.00	25.34	99.40
03/04/2023 21:50:00	1.21	0.00	25.47	99.39
03/04/2023 21:55:00	1.11	0.00	25.45	99.39
03/04/2023 22:00:00	1.02	0.00	25.34	99.40
03/04/2023 22:05:00	1.14	0.00	25.34	99.40
03/04/2023 22:10:00	1.14	0.00	25.47	99.40
03/04/2023 22:15:00	0.97	0.00	25.64	99.40
03/04/2023 22:20:00	1.11	0.00	25.64	99.39
03/04/2023 22:25:00	1.39	0.00	25.18	99.40
03/04/2023 22:30:00	11.06	0.00	25.02	99.40
03/04/2023 22:35:00	9.88	0.00	25.04	99.40
03/04/2023 22:40:00	6.34	0.00	25.80	99.39
03/04/2023 22:45:00	27.85	0.00	25.18	99.40
03/04/2023 22:50:00	15.90	0.00	25.31	99.40
03/04/2023 22:55:00	15.11	0.00	25.31	99.40
03/04/2023 23:00:00	13.66	0.00	25.51	99.41
03/04/2023 23:05:00	9.18	121,713.59	26.38	99.37
03/04/2023 23:10:00	9.20	93,316.55	31.88	99.41
03/04/2023 23:15:00	10.39	102,174.41	34.32	99.37
03/04/2023 23:20:00	12.11	22,087.43	37.08	99.32
03/04/2023 23:25:00	14.08	90,455.48	39.68	99.39
03/04/2023 23:30:00	12.88	179,148.55	39.36	99.46
03/04/2023 23:35:00	13.13	166,079.19	36.61	99.41
03/04/2023 23:40:00	15.13	169,153.89	38.12	99.37
03/04/2023 23:45:00	17.64	0.00	39.80	99.30
03/04/2023 23:50:00	17.50	46,013.58	41.34	99.44
03/04/2023 23:55:00	13.50	0.00	42.69	99.40