



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: 09/04/2023

Tới: 09/04/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
09/04/2023 00:00:00	3.02	0.00	24.60	100.60
09/04/2023 00:05:00	2.76	0.00	24.76	100.60
09/04/2023 00:10:00	2.81	0.00	24.60	100.59
09/04/2023 00:15:00	2.76	0.00	24.60	100.59
09/04/2023 00:20:00	2.72	0.00	24.45	100.58
09/04/2023 00:25:00	3.07	0.00	24.29	100.57
09/04/2023 00:30:00	2.58	0.00	24.45	100.57
09/04/2023 00:35:00	3.36	0.00	24.29	100.57
09/04/2023 00:40:00	2.98	0.00	24.43	100.56
09/04/2023 00:45:00	33.49	0.00	24.60	100.55
09/04/2023 00:50:00	15.79	0.00	26.41	100.52
09/04/2023 00:55:00	14.11	116,388.19	34.20	100.54
09/04/2023 01:00:00	14.60	114,435.03	35.43	100.57
09/04/2023 01:05:00	19.15	153,475.23	36.34	100.60
09/04/2023 01:10:00	18.76	137,453.27	36.48	100.56
09/04/2023 01:15:00	24.01	159,411.00	38.17	100.59
09/04/2023 01:20:00	20.10	159,380.48	41.66	100.64
09/04/2023 01:25:00	25.73	145,822.84	43.47	100.54
09/04/2023 01:30:00	28.18	149,195.09	44.56	100.55
09/04/2023 01:35:00	26.05	148,104.06	46.11	100.58
09/04/2023 01:40:00	27.66	132,852.67	47.91	100.64
09/04/2023 01:45:00	37.80	147,196.16	48.52	100.54
09/04/2023 01:50:00	32.29	131,807.44	49.89	100.63
09/04/2023 01:55:00	26.71	142,313.27	49.75	100.65
09/04/2023 02:00:00	34.24	130,991.07	51.24	100.64
09/04/2023 02:05:00	32.29	129,945.83	52.01	100.63
09/04/2023 02:10:00	41.19	139,574.27	52.68	100.65
09/04/2023 02:15:00	43.12	0.00	53.70	100.60
09/04/2023 02:20:00	43.79	139,085.98	54.17	100.54
09/04/2023 02:25:00	38.77	141,527.44	55.24	100.59
09/04/2023 02:30:00	45.54	137,102.31	54.80	100.57

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
09/04/2023 02:35:00	36.80	0.00	56.77	100.54
09/04/2023 02:40:00	39.96	132,219.42	57.24	100.65
09/04/2023 02:45:00	42.79	129,015.03	57.54	100.65
09/04/2023 02:50:00	44.33	129,686.43	57.21	100.65
09/04/2023 02:55:00	42.35	148,546.58	57.68	100.62
09/04/2023 03:00:00	45.47	130,830.85	58.12	100.59
09/04/2023 03:05:00	40.73	126,131.07	60.14	100.64
09/04/2023 03:10:00	36.91	133,661.41	60.28	100.62
09/04/2023 03:15:00	40.63	145,639.73	60.26	100.63
09/04/2023 03:20:00	44.91	134,500.66	60.28	100.60
09/04/2023 03:25:00	44.05	138,269.62	60.26	100.58
09/04/2023 03:30:00	37.61	142,107.27	59.94	100.57
09/04/2023 03:35:00	44.30	122,598.61	59.96	100.59
09/04/2023 03:40:00	46.07	138,010.22	59.82	100.54
09/04/2023 03:45:00	44.24	132,524.61	59.52	100.63
09/04/2023 03:50:00	41.57	130,968.18	60.72	100.57
09/04/2023 03:55:00	38.82	129,900.05	61.89	100.65
09/04/2023 04:00:00	41.17	0.00	61.63	100.62
09/04/2023 04:05:00	50.82	137,247.27	61.78	100.61
09/04/2023 04:10:00	41.82	134,035.25	61.94	100.61
09/04/2023 04:15:00	41.05	129,312.58	61.65	100.63
09/04/2023 04:20:00	43.94	0.00	62.70	100.62
09/04/2023 04:25:00	39.96	128,221.56	61.94	100.69
09/04/2023 04:30:00	37.48	132,806.91	60.87	100.65
09/04/2023 04:35:00	48.45	130,800.34	61.31	100.65
09/04/2023 04:40:00	40.47	121,057.45	61.47	100.63
09/04/2023 04:45:00	50.77	132,967.12	60.87	100.70
09/04/2023 04:50:00	43.89	139,383.55	60.40	100.70
09/04/2023 04:55:00	47.87	139,063.09	58.56	100.63
09/04/2023 05:00:00	42.10	130,968.18	59.19	100.59
09/04/2023 05:05:00	40.75	132,661.94	59.05	100.65
09/04/2023 05:10:00	41.33	132,501.72	59.82	100.61
09/04/2023 05:15:00	43.26	139,826.05	59.05	100.68
09/04/2023 05:20:00	37.33	131,433.59	59.49	100.72
09/04/2023 05:25:00	40.50	123,804.07	58.12	100.65
09/04/2023 05:30:00	51.93	124,269.47	58.28	100.67
09/04/2023 05:35:00	43.19	132,639.05	58.43	100.67
09/04/2023 05:40:00	38.89	128,824.29	57.82	100.64
09/04/2023 05:45:00	37.68	0.00	57.05	100.65
09/04/2023 05:50:00	38.73	137,850.00	57.38	100.63
09/04/2023 05:55:00	42.73	131,128.41	57.36	100.70
09/04/2023 06:00:00	39.89	128,526.74	58.26	100.64
09/04/2023 06:05:00	44.56	0.00	57.82	100.74
09/04/2023 06:10:00	42.63	136,919.20	58.12	100.65
09/04/2023 06:15:00	43.03	122,758.83	58.59	100.69
09/04/2023 06:20:00	43.56	131,898.98	57.98	100.76

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
09/04/2023 06:25:00	47.94	133,638.52	58.43	100.74
09/04/2023 06:30:00	39.73	123,941.41	58.56	100.64
09/04/2023 06:35:00	44.38	125,474.94	59.63	100.73
09/04/2023 06:40:00	38.52	55,481.80	58.43	100.74
09/04/2023 06:45:00	48.14	35,019.46	59.33	100.71
09/04/2023 06:50:00	26.01	21,904.33	55.84	100.72
09/04/2023 06:55:00	21.41	16,716.26	48.31	100.70
09/04/2023 07:00:00	81.09	16,250.86	44.82	100.70
09/04/2023 07:05:00	16.97	11,696.04	42.85	100.69
09/04/2023 07:10:00	19.08	12,298.77	41.78	100.69
09/04/2023 07:15:00	16.85	14,114.60	40.73	100.70
09/04/2023 07:20:00	16.15	0.00	39.19	100.71
09/04/2023 07:25:00	17.15	13,206.68	39.19	100.71
09/04/2023 07:30:00	16.71	0.00	38.57	100.69
09/04/2023 07:35:00	13.22	11,230.64	37.08	100.68
09/04/2023 07:40:00	16.22	12,016.48	37.66	100.70
09/04/2023 07:45:00	13.83	11,551.08	35.83	100.69
09/04/2023 07:50:00	13.64	0.00	36.29	100.68
09/04/2023 07:55:00	11.71	9,414.82	35.08	100.69
09/04/2023 08:00:00	10.62	0.00	36.01	100.69
09/04/2023 08:05:00	14.50	0.00	35.08	100.69
09/04/2023 08:10:00	11.51	12,626.84	35.39	100.70
09/04/2023 08:15:00	9.44	8,392.46	33.57	100.70
09/04/2023 08:20:00	9.80	0.00	33.73	100.70
09/04/2023 08:25:00	9.95	0.00	33.73	100.70
09/04/2023 08:30:00	24.61	63,599.60	41.36	100.70
09/04/2023 08:35:00	135.91	125,062.94	48.68	100.71
09/04/2023 08:40:00	29.13	147,478.45	48.20	100.72
09/04/2023 08:45:00	29.64	111,757.08	48.47	100.66
09/04/2023 08:50:00	31.52	56,275.27	49.26	100.58
09/04/2023 08:55:00	27.50	70,901.05	51.71	100.72
09/04/2023 09:00:00	33.15	160,151.06	49.10	100.70
09/04/2023 09:05:00	31.80	147,173.27	47.73	100.77
09/04/2023 09:10:00	33.24	145,944.91	49.13	100.82
09/04/2023 09:15:00	34.17	0.00	49.42	100.77
09/04/2023 09:20:00	28.15	144,434.27	51.57	100.74
09/04/2023 09:25:00	36.89	136,339.36	52.80	100.82
09/04/2023 09:30:00	40.94	136,339.36	53.12	100.71
09/04/2023 09:35:00	36.71	0.00	54.63	100.78
09/04/2023 09:40:00	36.84	135,225.45	56.15	100.76
09/04/2023 09:45:00	41.47	132,524.61	55.24	100.77
09/04/2023 09:50:00	39.91	133,432.52	56.45	100.80
09/04/2023 09:55:00	41.08	134,500.66	56.45	100.78
09/04/2023 10:00:00	42.63	142,267.48	58.14	100.77
09/04/2023 10:05:00	35.13	143,038.06	59.38	100.84
09/04/2023 10:10:00	46.70	140,009.16	59.82	100.75

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
09/04/2023 10:15:00	36.33	145,754.19	59.79	100.79
09/04/2023 10:20:00	42.45	128,381.78	59.63	100.74
09/04/2023 10:25:00	51.72	121,522.85	60.23	100.74
09/04/2023 10:30:00	38.12	134,966.05	61.31	100.76
09/04/2023 10:35:00	45.43	139,360.66	60.56	100.70
09/04/2023 10:40:00	37.99	127,779.05	61.33	100.76
09/04/2023 10:45:00	46.54	138,757.92	61.33	100.73
09/04/2023 10:50:00	46.91	89,944.30	62.07	100.70
09/04/2023 10:55:00	47.89	73,319.60	61.47	100.74
09/04/2023 11:00:00	41.40	0.00	61.47	100.70
09/04/2023 11:05:00	39.84	145,174.33	58.45	100.73
09/04/2023 11:10:00	42.17	139,803.16	59.47	100.68
09/04/2023 11:15:00	44.33	138,597.70	58.72	100.72
09/04/2023 11:20:00	44.70	0.00	59.17	100.66
09/04/2023 11:25:00	48.17	147,455.56	59.96	100.74
09/04/2023 11:30:00	44.05	138,597.70	58.72	100.71
09/04/2023 11:35:00	39.15	136,781.88	58.72	100.71
09/04/2023 11:40:00	38.70	130,548.56	59.96	100.64
09/04/2023 11:45:00	45.03	136,476.69	59.19	100.65
09/04/2023 11:50:00	46.85	143,778.12	59.19	100.69
09/04/2023 11:55:00	38.48	138,620.58	59.36	100.68
09/04/2023 12:00:00	42.77	136,156.25	59.33	100.60
09/04/2023 12:05:00	45.17	135,713.73	60.40	100.65
09/04/2023 12:10:00	47.10	121,057.45	59.47	100.63
09/04/2023 12:15:00	40.84	132,784.02	60.54	100.59
09/04/2023 12:20:00	43.86	103,036.55	60.54	100.60
09/04/2023 12:25:00	38.57	153,849.09	59.17	100.60
09/04/2023 12:30:00	44.75	145,311.67	58.87	100.54
09/04/2023 12:35:00	40.12	146,707.88	57.82	100.54
09/04/2023 12:40:00	52.12	125,711.45	56.75	100.50
09/04/2023 12:45:00	41.92	0.00	57.05	100.51
09/04/2023 12:50:00	41.84	123,941.41	57.36	100.53
09/04/2023 12:55:00	37.42	139,269.09	57.98	100.51
09/04/2023 13:00:00	37.15	140,596.62	57.96	100.48
09/04/2023 13:05:00	46.21	0.00	58.12	100.54
09/04/2023 13:10:00	37.24	141,199.36	57.19	100.40
09/04/2023 13:15:00	36.55	133,409.62	57.96	100.45
09/04/2023 13:20:00	39.57	137,315.94	58.12	100.54
09/04/2023 13:25:00	41.35	126,848.25	57.79	100.42
09/04/2023 13:30:00	36.68	143,778.12	59.47	100.39
09/04/2023 13:35:00	46.63	131,433.59	60.10	100.37
09/04/2023 13:40:00	44.24	121,034.56	60.10	100.38
09/04/2023 13:45:00	41.75	139,131.77	60.40	100.35
09/04/2023 13:50:00	42.77	132,806.91	59.03	100.37
09/04/2023 13:55:00	45.98	135,385.67	59.17	100.36
09/04/2023 14:00:00	34.04	133,081.56	57.82	100.39

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
09/04/2023 14:05:00	46.85	153,688.88	57.79	100.34
09/04/2023 14:10:00	30.96	149,546.05	57.50	100.35
09/04/2023 14:15:00	31.62	131,433.59	56.89	100.31
09/04/2023 14:20:00	34.13	159,197.38	54.45	100.25
09/04/2023 14:25:00	33.96	156,450.75	52.75	100.31
09/04/2023 14:30:00	27.99	0.00	51.22	100.29
09/04/2023 14:35:00	27.41	140,108.34	49.98	100.33
09/04/2023 14:40:00	29.15	142,572.67	50.61	100.29
09/04/2023 14:45:00	31.20	141,199.36	49.55	100.22
09/04/2023 14:50:00	28.94	0.00	49.84	100.26
09/04/2023 14:55:00	33.96	142,847.33	49.68	100.22
09/04/2023 15:00:00	29.20	156,755.94	48.91	100.26
09/04/2023 15:05:00	24.22	142,404.81	49.84	100.24
09/04/2023 15:10:00	26.64	142,572.67	48.62	100.16
09/04/2023 15:15:00	33.33	133,272.30	48.94	100.22
09/04/2023 15:20:00	21.32	153,383.69	47.68	100.22
09/04/2023 15:25:00	26.76	147,127.48	47.71	100.13
09/04/2023 15:30:00	31.13	137,827.12	47.40	100.19
09/04/2023 15:35:00	25.78	151,567.86	47.87	100.17
09/04/2023 15:40:00	29.34	145,479.52	47.87	100.16
09/04/2023 15:45:00	30.45	147,592.89	48.47	100.14
09/04/2023 15:50:00	28.85	142,267.48	47.84	100.18
09/04/2023 15:55:00	30.71	144,083.31	48.62	100.07
09/04/2023 16:00:00	29.31	141,550.31	48.00	100.09
09/04/2023 16:05:00	26.36	136,453.80	49.55	100.07
09/04/2023 16:10:00	29.69	145,944.91	49.84	100.15
09/04/2023 16:15:00	34.08	0.00	48.62	100.10
09/04/2023 16:20:00	35.08	144,731.81	49.71	100.16
09/04/2023 16:25:00	31.36	143,038.06	49.38	100.17
09/04/2023 16:30:00	34.52	142,870.22	49.68	100.09
09/04/2023 16:35:00	26.71	0.00	50.61	100.10
09/04/2023 16:40:00	28.36	106,546.12	48.91	100.03
09/04/2023 16:45:00	26.36	164,988.17	49.08	100.05
09/04/2023 16:50:00	26.12	140,108.34	48.47	100.15
09/04/2023 16:55:00	30.03	134,637.98	49.08	100.07
09/04/2023 17:00:00	29.80	130,968.18	48.78	100.18
09/04/2023 17:05:00	28.78	150,942.23	49.66	100.04
09/04/2023 17:10:00	29.05	133,386.73	48.47	100.02
09/04/2023 17:15:00	26.29	140,505.06	48.45	100.08
09/04/2023 17:20:00	29.05	142,870.22	47.57	100.10
09/04/2023 17:25:00	29.20	145,334.55	48.33	100.16
09/04/2023 17:30:00	31.20	139,826.05	48.49	100.06
09/04/2023 17:35:00	29.45	144,106.20	48.80	100.12
09/04/2023 17:40:00	28.15	156,618.59	47.73	100.17
09/04/2023 17:45:00	29.34	144,243.53	47.73	100.10
09/04/2023 17:50:00	31.85	144,708.94	48.31	100.14

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
09/04/2023 17:55:00	35.80	140,711.06	47.10	100.16
09/04/2023 18:00:00	25.80	0.00	47.10	100.13
09/04/2023 18:05:00	26.89	154,009.31	48.94	100.12
09/04/2023 18:10:00	25.10	140,596.62	48.94	100.13
09/04/2023 18:15:00	24.76	137,270.16	49.08	100.17
09/04/2023 18:20:00	33.78	0.00	47.40	100.17
09/04/2023 18:25:00	30.75	146,547.66	48.17	100.13
09/04/2023 18:30:00	27.08	138,109.41	49.38	100.16
09/04/2023 18:35:00	29.40	152,498.66	48.64	100.15
09/04/2023 18:40:00	31.43	141,802.09	48.64	100.13
09/04/2023 18:45:00	31.82	158,594.64	48.47	100.16
09/04/2023 18:50:00	24.83	151,873.05	48.31	100.15
09/04/2023 18:55:00	28.03	147,264.81	48.31	100.25
09/04/2023 19:00:00	29.59	155,848.02	47.87	100.10
09/04/2023 19:05:00	26.78	149,919.89	46.66	100.16
09/04/2023 19:10:00	29.38	159,060.05	46.66	100.20
09/04/2023 19:15:00	24.67	156,916.16	47.10	100.19
09/04/2023 19:20:00	30.85	146,707.88	46.49	100.12
09/04/2023 19:25:00	28.54	152,056.16	46.80	100.16
09/04/2023 19:30:00	27.15	121,385.52	47.29	100.16
09/04/2023 19:35:00	25.45	88,876.17	47.73	100.13
09/04/2023 19:40:00	25.99	28,320.74	47.73	100.17
09/04/2023 19:45:00	30.50	0.00	50.33	100.13
09/04/2023 19:50:00	16.88	9,857.33	43.45	100.16
09/04/2023 19:55:00	65.61	0.00	39.50	100.17
09/04/2023 20:00:00	12.15	0.00	37.96	100.17
09/04/2023 20:05:00	12.97	0.00	37.38	100.16
09/04/2023 20:10:00	11.67	0.00	35.08	100.18
09/04/2023 20:15:00	7.67	0.00	34.94	100.17
09/04/2023 20:20:00	2.07	0.00	35.39	100.18
09/04/2023 20:25:00	1.09	0.00	33.26	100.18
09/04/2023 20:30:00	1.02	0.00	33.59	100.18
09/04/2023 20:35:00	1.07	0.00	32.97	100.17
09/04/2023 20:40:00	0.95	0.00	33.29	100.18
09/04/2023 20:45:00	1.05	0.00	32.50	100.18
09/04/2023 20:50:00	1.05	0.00	31.73	100.18
09/04/2023 20:55:00	1.11	0.00	31.29	100.20
09/04/2023 21:00:00	0.83	0.00	31.59	100.21
09/04/2023 21:05:00	5.83	0.00	30.82	100.19
09/04/2023 21:10:00	9.88	0.00	30.69	100.21
09/04/2023 21:15:00	8.29	0.00	30.53	100.18
09/04/2023 21:20:00	8.44	0.00	30.69	100.20
09/04/2023 21:25:00	6.78	0.00	30.53	100.18
09/04/2023 21:30:00	6.58	0.00	30.08	100.18
09/04/2023 21:35:00	6.44	0.00	30.08	100.18
09/04/2023 21:40:00	6.71	0.00	29.92	100.17

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
09/04/2023 21:45:00	6.58	0.00	29.31	100.19
09/04/2023 21:50:00	6.53	0.00	29.48	100.18
09/04/2023 21:55:00	5.90	0.00	29.18	100.18
09/04/2023 22:00:00	7.80	0.00	29.29	100.18
09/04/2023 22:05:00	5.18	0.00	29.18	100.18
09/04/2023 22:10:00	6.11	0.00	28.57	100.18
09/04/2023 22:15:00	6.04	0.00	28.73	100.16
09/04/2023 22:20:00	6.76	0.00	28.24	100.16
09/04/2023 22:25:00	6.04	0.00	28.57	100.16
09/04/2023 22:30:00	5.53	0.00	28.73	100.16
09/04/2023 22:35:00	5.07	0.00	27.97	100.15
09/04/2023 22:40:00	5.78	0.00	28.55	100.16
09/04/2023 22:45:00	5.95	0.00	27.95	100.15
09/04/2023 22:50:00	6.36	0.00	28.40	100.16
09/04/2023 22:55:00	4.58	0.00	27.50	100.16
09/04/2023 23:00:00	5.00	0.00	28.11	100.14
09/04/2023 23:05:00	4.65	0.00	27.53	100.13
09/04/2023 23:10:00	4.58	0.00	27.64	100.13
09/04/2023 23:15:00	5.00	0.00	27.50	100.11
09/04/2023 23:20:00	3.67	0.00	27.53	100.11
09/04/2023 23:25:00	5.95	0.00	27.95	100.10
09/04/2023 23:30:00	5.41	0.00	27.36	100.09
09/04/2023 23:35:00	5.11	0.00	27.20	100.08
09/04/2023 23:40:00	4.97	0.00	27.66	100.09
09/04/2023 23:45:00	4.60	0.00	27.06	100.07
09/04/2023 23:50:00	5.07	0.00	27.06	100.07
09/04/2023 23:55:00	4.02	0.00	27.06	100.07