



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: 08/04/2023

Tới: 08/04/2023

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)
08/04/2023 00:00:00	37.50	0.00	55.99	100.55
08/04/2023 00:05:00	38.35	130,197.60	55.35	100.54
08/04/2023 00:10:00	31.45	148,989.09	55.21	100.48
08/04/2023 00:15:00	32.80	131,265.73	54.59	100.56
08/04/2023 00:20:00	31.29	0.00	54.63	100.46
08/04/2023 00:25:00	32.43	132,173.66	55.50	100.54
08/04/2023 00:30:00	39.08	125,337.61	55.21	100.58
08/04/2023 00:35:00	34.49	143,312.73	55.05	100.50
08/04/2023 00:40:00	39.66	126,848.25	56.26	100.50
08/04/2023 00:45:00	29.56	148,943.31	55.82	100.41
08/04/2023 00:50:00	37.13	144,220.66	54.89	100.48
08/04/2023 00:55:00	29.38	130,037.38	55.05	100.43
08/04/2023 01:00:00	26.38	148,783.09	52.10	100.48
08/04/2023 01:05:00	35.87	133,272.30	52.61	100.44
08/04/2023 01:10:00	29.43	145,128.56	51.80	100.49
08/04/2023 01:15:00	34.87	145,593.95	53.35	100.43
08/04/2023 01:20:00	23.50	132,318.61	53.06	100.38
08/04/2023 01:25:00	32.96	148,500.80	54.89	100.48
08/04/2023 01:30:00	29.40	132,173.66	53.99	100.45
08/04/2023 01:35:00	33.08	146,478.98	55.03	100.45
08/04/2023 01:40:00	33.47	131,242.84	55.35	100.47
08/04/2023 01:45:00	34.73	0.00	55.17	100.42
08/04/2023 01:50:00	42.57	126,062.41	56.40	100.44
08/04/2023 01:55:00	36.08	133,386.73	57.17	100.46
08/04/2023 02:00:00	40.89	128,801.40	57.94	100.48
08/04/2023 02:05:00	39.99	0.00	58.38	100.50
08/04/2023 02:10:00	32.85	123,758.30	58.68	100.44
08/04/2023 02:15:00	40.26	89,921.42	58.26	100.46
08/04/2023 02:20:00	33.26	39,108.87	58.87	100.49
08/04/2023 02:25:00	28.85	17,975.13	55.82	100.50
08/04/2023 02:30:00	23.66	17,761.50	49.38	100.45
08/04/2023 02:35:00	36.33	13,809.41	46.47	100.47
08/04/2023 02:40:00	18.48	12,573.43	44.20	100.45

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)
08/04/2023 02:45:00	15.11	14,251.93	44.03	100.44
08/04/2023 02:50:00	15.20	16,533.15	42.82	100.45
08/04/2023 02:55:00	14.13	11,970.70	40.85	100.45
08/04/2023 03:00:00	10.97	15,182.73	41.29	100.44
08/04/2023 03:05:00	12.88	11,970.70	40.08	100.42
08/04/2023 03:10:00	11.60	10,902.57	38.54	100.43
08/04/2023 03:15:00	11.92	10,460.06	39.50	100.44
08/04/2023 03:20:00	18.41	76,203.56	39.78	100.38
08/04/2023 03:25:00	34.04	149,408.70	49.68	100.39
08/04/2023 03:30:00	32.40	0.00	50.89	100.37
08/04/2023 03:35:00	29.62	139,963.38	51.68	100.41
08/04/2023 03:40:00	31.45	126,802.47	51.33	100.45
08/04/2023 03:45:00	28.59	131,876.09	53.35	100.47
08/04/2023 03:50:00	31.91	0.00	55.19	100.50
08/04/2023 03:55:00	36.91	122,079.80	56.87	100.49
08/04/2023 04:00:00	36.77	133,081.56	56.43	100.53
08/04/2023 04:05:00	38.68	136,591.12	56.26	100.47
08/04/2023 04:10:00	32.20	139,940.48	57.03	100.51
08/04/2023 04:15:00	38.66	142,549.78	57.05	100.53
08/04/2023 04:20:00	35.93	130,502.78	57.19	100.57
08/04/2023 04:25:00	35.19	120,408.94	56.73	100.54
08/04/2023 04:30:00	37.10	129,709.32	57.50	100.59
08/04/2023 04:35:00	37.48	145,288.78	57.33	100.54
08/04/2023 04:40:00	36.01	130,945.30	58.26	100.59
08/04/2023 04:45:00	34.22	136,758.98	57.79	100.57
08/04/2023 04:50:00	40.19	135,034.70	57.03	100.58
08/04/2023 04:55:00	35.13	141,481.66	58.10	100.57
08/04/2023 05:00:00	43.08	129,526.21	58.54	100.59
08/04/2023 05:05:00	34.59	141,039.14	57.94	100.65
08/04/2023 05:10:00	39.26	126,222.63	57.03	100.69
08/04/2023 05:15:00	36.64	0.00	57.50	100.65
08/04/2023 05:20:00	34.71	127,733.27	58.70	100.65
08/04/2023 05:25:00	28.43	139,497.98	59.01	100.67
08/04/2023 05:30:00	39.08	139,475.09	58.08	100.69
08/04/2023 05:35:00	43.35	0.00	59.17	100.73
08/04/2023 05:40:00	39.80	101,060.50	58.70	100.69
08/04/2023 05:45:00	33.10	56,809.34	59.14	100.77
08/04/2023 05:50:00	37.03	27,206.84	59.17	100.71
08/04/2023 05:55:00	23.32	19,134.81	55.03	100.71
08/04/2023 06:00:00	22.55	19,111.92	49.82	100.74
08/04/2023 06:05:00	35.36	18,272.68	45.71	100.74
08/04/2023 06:10:00	16.90	14,717.33	43.45	100.75
08/04/2023 06:15:00	17.62	15,022.51	43.59	100.75
08/04/2023 06:20:00	17.20	16,067.75	42.66	100.74
08/04/2023 06:25:00	14.39	14,412.15	40.85	100.74
08/04/2023 06:30:00	16.95	12,741.28	40.10	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)
08/04/2023 06:35:00	14.24	10,902.57	39.78	100.74
08/04/2023 06:40:00	11.78	11,993.59	38.59	100.76
08/04/2023 06:45:00	11.83	12,878.61	37.80	100.77
08/04/2023 06:50:00	12.04	10,902.57	37.78	100.76
08/04/2023 06:55:00	10.11	11,207.75	37.94	100.76
08/04/2023 07:00:00	10.76	0.00	38.25	100.77
08/04/2023 07:05:00	11.02	9,697.11	36.59	100.78
08/04/2023 07:10:00	11.02	11,367.97	37.19	100.78
08/04/2023 07:15:00	9.83	9,697.11	36.75	100.77
08/04/2023 07:20:00	8.67	0.00	35.66	100.77
08/04/2023 07:25:00	10.53	11,696.04	36.59	100.78
08/04/2023 07:30:00	7.76	11,085.68	35.39	100.81
08/04/2023 07:35:00	8.67	11,062.79	34.45	100.81
08/04/2023 07:40:00	11.13	11,551.08	34.01	100.81
08/04/2023 07:45:00	9.29	0.00	34.01	100.84
08/04/2023 07:50:00	8.16	10,673.69	35.08	100.83
08/04/2023 07:55:00	9.53	0.00	34.15	100.85
08/04/2023 08:00:00	9.25	0.00	34.10	100.83
08/04/2023 08:05:00	7.27	0.00	34.15	100.84
08/04/2023 08:10:00	7.29	0.00	33.39	100.83
08/04/2023 08:15:00	7.29	0.00	33.85	100.84
08/04/2023 08:20:00	8.09	0.00	33.24	100.85
08/04/2023 08:25:00	8.18	0.00	33.24	100.83
08/04/2023 08:30:00	7.64	11,390.86	33.24	100.86
08/04/2023 08:35:00	7.48	0.00	32.04	100.86
08/04/2023 08:40:00	6.29	0.00	32.17	100.86
08/04/2023 08:45:00	7.06	0.00	31.57	100.86
08/04/2023 08:50:00	7.69	0.00	31.41	100.87
08/04/2023 08:55:00	5.71	0.00	32.04	100.86
08/04/2023 09:00:00	1.81	0.00	31.11	100.86
08/04/2023 09:05:00	4.58	0.00	31.57	100.86
08/04/2023 09:10:00	8.18	0.00	30.80	100.86
08/04/2023 09:15:00	1.18	0.00	31.43	100.87
08/04/2023 09:20:00	0.76	0.00	30.97	100.86
08/04/2023 09:25:00	0.81	0.00	30.97	100.87
08/04/2023 09:30:00	0.67	0.00	30.99	100.86
08/04/2023 09:35:00	1.09	0.00	31.13	100.87
08/04/2023 09:40:00	0.81	0.00	30.53	100.88
08/04/2023 09:45:00	0.76	0.00	30.82	100.89
08/04/2023 09:50:00	1.30	0.00	30.36	100.87
08/04/2023 09:55:00	0.72	0.00	30.53	100.86
08/04/2023 10:00:00	4.23	0.00	30.06	100.86
08/04/2023 10:05:00	5.90	0.00	29.76	100.86
08/04/2023 10:10:00	4.85	10,040.44	30.22	100.85
08/04/2023 10:15:00	5.60	0.00	29.87	100.85
08/04/2023 10:20:00	5.62	0.00	29.59	100.83

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)
08/04/2023 10:25:00	5.44	0.00	29.29	100.84
08/04/2023 10:30:00	5.02	0.00	29.92	100.83
08/04/2023 10:35:00	6.20	0.00	29.43	100.82
08/04/2023 10:40:00	4.69	0.00	28.99	100.82
08/04/2023 10:45:00	5.23	0.00	29.59	100.82
08/04/2023 10:50:00	5.29	0.00	29.29	100.81
08/04/2023 10:55:00	5.00	0.00	29.46	100.80
08/04/2023 11:00:00	4.81	0.00	28.85	100.81
08/04/2023 11:05:00	6.11	0.00	28.69	100.80
08/04/2023 11:10:00	4.55	0.00	29.02	100.80
08/04/2023 11:15:00	6.74	0.00	29.29	100.80
08/04/2023 11:20:00	4.83	0.00	29.02	100.80
08/04/2023 11:25:00	5.18	0.00	29.31	100.78
08/04/2023 11:30:00	5.34	0.00	29.02	100.77
08/04/2023 11:35:00	3.67	0.00	29.15	100.76
08/04/2023 11:40:00	5.69	0.00	29.13	100.75
08/04/2023 11:45:00	4.90	0.00	28.38	100.76
08/04/2023 11:50:00	4.74	0.00	28.55	100.74
08/04/2023 11:55:00	4.67	0.00	28.69	100.74
08/04/2023 12:00:00	4.81	0.00	29.15	100.74
08/04/2023 12:05:00	2.83	0.00	29.02	100.74
08/04/2023 12:10:00	1.27	0.00	28.24	100.72
08/04/2023 12:15:00	0.83	0.00	28.69	100.71
08/04/2023 12:20:00	0.72	0.00	28.69	100.71
08/04/2023 12:25:00	0.53	0.00	28.53	100.70
08/04/2023 12:30:00	0.74	0.00	28.38	100.70
08/04/2023 12:35:00	0.81	0.00	27.92	100.70
08/04/2023 12:40:00	0.74	0.00	28.55	100.70
08/04/2023 12:45:00	0.63	0.00	27.92	100.69
08/04/2023 12:50:00	0.56	0.00	28.38	100.69
08/04/2023 12:55:00	0.60	0.00	28.38	100.67
08/04/2023 13:00:00	1.67	0.00	28.06	100.65
08/04/2023 13:05:00	4.46	0.00	28.53	100.64
08/04/2023 13:10:00	4.78	0.00	27.92	100.64
08/04/2023 13:15:00	4.69	0.00	28.22	100.64
08/04/2023 13:20:00	3.97	0.00	27.92	100.62
08/04/2023 13:25:00	4.23	0.00	28.08	100.61
08/04/2023 13:30:00	4.72	0.00	28.08	100.59
08/04/2023 13:35:00	5.16	0.00	27.48	100.59
08/04/2023 13:40:00	4.88	0.00	27.34	100.59
08/04/2023 13:45:00	3.95	0.00	27.50	100.59
08/04/2023 13:50:00	4.30	0.00	28.22	100.58
08/04/2023 13:55:00	3.88	0.00	27.64	100.58
08/04/2023 14:00:00	4.41	0.00	27.64	100.59
08/04/2023 14:05:00	4.09	0.00	27.78	100.54
08/04/2023 14:10:00	3.95	0.00	27.95	100.54

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)
08/04/2023 14:15:00	5.16	0.00	27.95	100.54
08/04/2023 14:20:00	4.39	0.00	27.31	100.55
08/04/2023 14:25:00	4.04	0.00	27.48	100.55
08/04/2023 14:30:00	4.39	0.00	27.20	100.55
08/04/2023 14:35:00	4.27	0.00	27.48	100.55
08/04/2023 14:40:00	4.67	0.00	27.04	100.55
08/04/2023 14:45:00	4.76	0.00	27.31	100.54
08/04/2023 14:50:00	4.02	0.00	27.80	100.56
08/04/2023 14:55:00	4.02	0.00	27.18	100.53
08/04/2023 15:00:00	5.00	0.00	27.18	100.51
08/04/2023 15:05:00	5.60	0.00	27.64	100.52
08/04/2023 15:10:00	3.23	0.00	26.87	100.50
08/04/2023 15:15:00	4.16	0.00	27.48	100.51
08/04/2023 15:20:00	4.32	0.00	26.89	100.50
08/04/2023 15:25:00	4.14	0.00	27.04	100.50
08/04/2023 15:30:00	4.14	0.00	26.73	100.49
08/04/2023 15:35:00	4.02	0.00	27.34	100.49
08/04/2023 15:40:00	3.97	0.00	27.18	100.49
08/04/2023 15:45:00	4.46	0.00	27.34	100.49
08/04/2023 15:50:00	3.97	0.00	27.36	100.50
08/04/2023 15:55:00	3.53	0.00	26.73	100.50
08/04/2023 16:00:00	3.69	0.00	26.87	100.48
08/04/2023 16:05:00	3.43	0.00	26.71	100.48
08/04/2023 16:10:00	4.36	0.00	26.43	100.48
08/04/2023 16:15:00	3.46	0.00	27.04	100.47
08/04/2023 16:20:00	3.46	0.00	27.02	100.47
08/04/2023 16:25:00	4.16	0.00	27.04	100.45
08/04/2023 16:30:00	4.16	0.00	26.43	100.45
08/04/2023 16:35:00	3.53	0.00	26.41	100.45
08/04/2023 16:40:00	4.51	0.00	26.27	100.45
08/04/2023 16:45:00	3.14	0.00	26.71	100.45
08/04/2023 16:50:00	4.09	0.00	26.87	100.44
08/04/2023 16:55:00	3.34	0.00	26.25	100.42
08/04/2023 17:00:00	3.95	0.00	26.11	100.43
08/04/2023 17:05:00	3.41	0.00	26.41	100.43
08/04/2023 17:10:00	3.67	0.00	26.73	100.45
08/04/2023 17:15:00	3.74	0.00	26.60	100.47
08/04/2023 17:20:00	3.18	0.00	26.13	100.47
08/04/2023 17:25:00	3.69	0.00	26.57	100.47
08/04/2023 17:30:00	3.51	0.00	26.43	100.48
08/04/2023 17:35:00	3.76	0.00	26.71	100.48
08/04/2023 17:40:00	3.23	0.00	25.96	100.48
08/04/2023 17:45:00	3.76	0.00	26.27	100.49
08/04/2023 17:50:00	3.20	0.00	26.41	100.48
08/04/2023 17:55:00	3.43	0.00	25.67	100.49
08/04/2023 18:00:00	3.25	0.00	26.43	100.50

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)
08/04/2023 18:05:00	3.72	0.00	25.69	100.51
08/04/2023 18:10:00	3.90	0.00	25.67	100.51
08/04/2023 18:15:00	3.53	0.00	26.11	100.54
08/04/2023 18:20:00	3.43	0.00	25.83	100.54
08/04/2023 18:25:00	3.04	0.00	25.67	100.55
08/04/2023 18:30:00	2.94	0.00	25.83	100.56
08/04/2023 18:35:00	2.58	0.00	25.96	100.55
08/04/2023 18:40:00	4.32	0.00	25.96	100.55
08/04/2023 18:45:00	3.83	0.00	25.67	100.56
08/04/2023 18:50:00	3.04	0.00	26.13	100.57
08/04/2023 18:55:00	3.34	0.00	25.85	100.56
08/04/2023 19:00:00	2.76	0.00	26.13	100.57
08/04/2023 19:05:00	3.49	0.00	26.13	100.57
08/04/2023 19:10:00	3.30	0.00	25.83	100.57
08/04/2023 19:15:00	3.23	0.00	25.83	100.57
08/04/2023 19:20:00	3.27	0.00	25.96	100.59
08/04/2023 19:25:00	2.92	0.00	25.83	100.59
08/04/2023 19:30:00	3.30	0.00	26.11	100.59
08/04/2023 19:35:00	3.23	0.00	25.34	100.59
08/04/2023 19:40:00	3.09	0.00	25.20	100.59
08/04/2023 19:45:00	3.53	0.00	26.13	100.61
08/04/2023 19:50:00	3.51	0.00	25.36	100.62
08/04/2023 19:55:00	3.07	0.00	25.53	100.63
08/04/2023 20:00:00	3.02	0.00	25.96	100.63
08/04/2023 20:05:00	2.76	0.00	25.67	100.62
08/04/2023 20:10:00	3.02	0.00	25.22	100.64
08/04/2023 20:15:00	2.94	0.00	25.67	100.65
08/04/2023 20:20:00	2.88	0.00	25.36	100.66
08/04/2023 20:25:00	3.62	0.00	25.20	100.66
08/04/2023 20:30:00	3.04	0.00	25.83	100.64
08/04/2023 20:35:00	2.60	0.00	25.80	100.65
08/04/2023 20:40:00	3.72	0.00	25.55	100.69
08/04/2023 20:45:00	3.20	0.00	25.06	100.69
08/04/2023 20:50:00	3.04	0.00	25.06	100.68
08/04/2023 20:55:00	3.32	0.00	25.67	100.69
08/04/2023 21:00:00	2.65	0.00	25.06	100.70
08/04/2023 21:05:00	3.41	0.00	25.22	100.70
08/04/2023 21:10:00	3.20	0.00	25.22	100.69
08/04/2023 21:15:00	3.34	0.00	25.51	100.71
08/04/2023 21:20:00	3.83	0.00	25.53	100.70
08/04/2023 21:25:00	3.27	0.00	25.06	100.71
08/04/2023 21:30:00	3.39	0.00	25.06	100.71
08/04/2023 21:35:00	2.81	0.00	24.92	100.70
08/04/2023 21:40:00	3.00	0.00	25.38	100.70
08/04/2023 21:45:00	3.36	0.00	24.92	100.70
08/04/2023 21:50:00	2.76	0.00	25.53	100.70

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)
08/04/2023 21:55:00	3.11	0.00	25.20	100.69
08/04/2023 22:00:00	3.16	0.00	25.06	100.70
08/04/2023 22:05:00	3.27	0.00	24.90	100.70
08/04/2023 22:10:00	2.92	0.00	24.76	100.70
08/04/2023 22:15:00	3.07	0.00	25.06	100.70
08/04/2023 22:20:00	2.09	0.00	24.60	100.69
08/04/2023 22:25:00	2.90	0.00	24.62	100.70
08/04/2023 22:30:00	2.81	0.00	24.76	100.70
08/04/2023 22:35:00	2.62	0.00	25.22	100.69
08/04/2023 22:40:00	2.65	0.00	25.04	100.67
08/04/2023 22:45:00	2.49	0.00	24.60	100.68
08/04/2023 22:50:00	2.98	0.00	24.45	100.69
08/04/2023 22:55:00	3.43	0.00	25.20	100.68
08/04/2023 23:00:00	3.18	0.00	24.60	100.68
08/04/2023 23:05:00	2.83	0.00	24.90	100.68
08/04/2023 23:10:00	3.60	0.00	24.73	100.69
08/04/2023 23:15:00	2.94	0.00	24.60	100.67
08/04/2023 23:20:00	2.65	0.00	24.45	100.66
08/04/2023 23:25:00	2.90	0.00	24.90	100.67
08/04/2023 23:30:00	3.04	0.00	24.29	100.65
08/04/2023 23:35:00	2.53	0.00	24.45	100.65
08/04/2023 23:40:00	3.14	0.00	24.78	100.65
08/04/2023 23:45:00	3.51	0.00	24.90	100.65
08/04/2023 23:50:00	2.94	0.00	24.29	100.62
08/04/2023 23:55:00	3.11	0.00	24.73	100.62