



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiền than

Thời gian báo cáo: Từ: 12/04/2023

Tới: 12/04/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
12/04/2023 00:00:00	3.24	0.00	24.05	99.71
12/04/2023 00:05:00	2.73	0.00	24.38	99.71
12/04/2023 00:10:00	4.31	0.00	24.07	99.70
12/04/2023 00:15:00	1.57	0.00	24.21	99.70
12/04/2023 00:20:00	1.30	0.00	23.61	99.69
12/04/2023 00:25:00	1.57	0.00	23.72	99.69
12/04/2023 00:30:00	2.08	0.00	24.21	99.68
12/04/2023 00:35:00	3.36	0.00	24.19	99.68
12/04/2023 00:40:00	3.34	0.00	23.89	99.68
12/04/2023 00:45:00	3.62	0.00	24.05	99.67
12/04/2023 00:50:00	2.69	0.00	24.05	99.68
12/04/2023 00:55:00	2.41	0.00	23.89	99.67
12/04/2023 01:00:00	2.99	0.00	23.58	99.67
12/04/2023 01:05:00	4.91	0.00	23.89	99.65
12/04/2023 01:10:00	2.92	0.00	24.07	99.66
12/04/2023 01:15:00	1.90	0.00	24.51	99.66
12/04/2023 01:20:00	3.80	0.00	23.58	99.65
12/04/2023 01:25:00	5.52	0.00	23.72	99.65
12/04/2023 01:30:00	2.53	0.00	24.05	99.65
12/04/2023 01:35:00	6.96	0.00	24.35	99.65
12/04/2023 01:40:00	6.98	0.00	23.45	99.65
12/04/2023 01:45:00	5.06	0.00	24.23	99.65
12/04/2023 01:50:00	2.69	0.00	23.58	99.65
12/04/2023 01:55:00	3.08	0.00	23.89	99.64
12/04/2023 02:00:00	3.41	0.00	23.74	99.65
12/04/2023 02:05:00	3.08	0.00	23.91	99.64
12/04/2023 02:10:00	3.11	0.00	24.05	99.64
12/04/2023 02:15:00	3.01	0.00	24.35	99.63
12/04/2023 02:20:00	4.36	0.00	23.91	99.63
12/04/2023 02:25:00	3.34	0.00	24.21	99.63
12/04/2023 02:30:00	6.84	0.00	24.51	99.61
12/04/2023 02:35:00	6.17	0.00	24.05	99.62
12/04/2023 02:40:00	4.48	0.00	23.91	99.63
12/04/2023 02:45:00	4.24	0.00	24.49	99.61
12/04/2023 02:50:00	5.47	0.00	24.21	99.61
12/04/2023 02:55:00	4.75	0.00	24.21	99.60
12/04/2023 03:00:00	4.41	0.00	23.89	99.62
12/04/2023 03:05:00	4.62	0.00	24.21	99.60
12/04/2023 03:10:00	4.80	0.00	23.77	99.62

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)
12/04/2023 03:15:00	5.94	0.00	23.72	99.60
12/04/2023 03:20:00	9.19	0.00	24.00	99.61
12/04/2023 03:25:00	8.09	0.00	24.03	99.59
12/04/2023 03:30:00	12.25	0.00	24.35	99.63
12/04/2023 03:35:00	10.74	0.00	24.19	99.59
12/04/2023 03:40:00	7.17	0.00	24.05	99.60
12/04/2023 03:45:00	7.12	0.00	24.05	99.59
12/04/2023 03:50:00	6.08	0.00	23.58	99.59
12/04/2023 03:55:00	4.97	0.00	23.58	99.61
12/04/2023 04:00:00	5.17	0.00	23.89	99.63
12/04/2023 04:05:00	4.10	0.00	23.61	99.62
12/04/2023 04:10:00	5.55	0.00	23.58	99.61
12/04/2023 04:15:00	6.26	0.00	23.89	99.61
12/04/2023 04:20:00	4.99	0.00	24.32	99.62
12/04/2023 04:25:00	5.45	0.00	23.89	99.62
12/04/2023 04:30:00	4.91	0.00	24.05	99.60
12/04/2023 04:35:00	3.97	0.00	24.19	99.62
12/04/2023 04:40:00	3.80	0.00	24.21	99.62
12/04/2023 04:45:00	3.04	0.00	23.87	99.63
12/04/2023 04:50:00	4.17	0.00	23.87	99.63
12/04/2023 04:55:00	3.78	0.00	23.56	99.63
12/04/2023 05:00:00	5.64	0.00	24.19	99.65
12/04/2023 05:05:00	4.08	0.00	23.72	99.65
12/04/2023 05:10:00	5.33	0.00	24.35	99.66
12/04/2023 05:15:00	4.43	0.00	24.32	99.67
12/04/2023 05:20:00	5.55	0.00	24.21	99.67
12/04/2023 05:25:00	4.15	0.00	24.21	99.68
12/04/2023 05:30:00	3.50	0.00	24.21	99.69
12/04/2023 05:35:00	4.31	0.00	23.91	99.70
12/04/2023 05:40:00	2.39	0.00	23.45	99.71
12/04/2023 05:45:00	4.04	0.00	23.56	99.71
12/04/2023 05:50:00	4.50	0.00	23.56	99.72
12/04/2023 05:55:00	5.87	0.00	23.89	99.70
12/04/2023 06:00:00	6.15	0.00	24.03	99.72
12/04/2023 06:05:00	5.26	0.00	23.74	99.73
12/04/2023 06:10:00	4.62	0.00	23.42	99.73
12/04/2023 06:15:00	4.24	0.00	23.72	99.73
12/04/2023 06:20:00	3.78	0.00	23.72	99.73
12/04/2023 06:25:00	5.29	0.00	23.74	99.74
12/04/2023 06:30:00	4.04	0.00	23.45	99.73
12/04/2023 06:35:00	3.99	0.00	23.72	99.74
12/04/2023 06:40:00	3.90	0.00	23.89	99.74
12/04/2023 06:45:00	4.50	0.00	23.14	99.76
12/04/2023 06:50:00	3.99	0.00	23.42	99.78
12/04/2023 06:55:00	4.17	0.00	23.31	99.78
12/04/2023 07:00:00	4.73	0.00	23.58	99.78
12/04/2023 07:05:00	3.41	0.00	23.74	99.78
12/04/2023 07:10:00	3.88	0.00	23.45	99.79
12/04/2023 07:15:00	4.06	0.00	23.14	99.80
12/04/2023 07:20:00	4.97	0.00	23.42	99.80
12/04/2023 07:25:00	3.46	0.00	23.70	99.80
12/04/2023 07:30:00	3.04	0.00	23.74	99.82
12/04/2023 07:35:00	2.23	0.00	23.42	99.83

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)
12/04/2023 07:40:00	2.48	0.00	23.89	99.86
12/04/2023 07:45:00	4.41	0.00	24.03	99.85
12/04/2023 07:50:00	5.73	0.00	23.58	99.85
12/04/2023 07:55:00	3.08	0.00	24.16	99.83
12/04/2023 08:00:00	8.26	0.00	24.03	99.85
12/04/2023 08:05:00	4.06	0.00	23.45	99.84
12/04/2023 08:10:00	4.01	0.00	23.47	99.88
12/04/2023 08:15:00	6.84	0.00	23.45	99.87
12/04/2023 08:20:00	4.71	0.00	23.89	99.87
12/04/2023 08:25:00	4.89	0.00	24.05	99.87
12/04/2023 08:30:00	5.06	0.00	23.58	99.88
12/04/2023 08:35:00	4.20	0.00	23.72	99.87
12/04/2023 08:40:00	3.90	0.00	23.58	99.87
12/04/2023 08:45:00	2.73	0.00	24.03	99.87
12/04/2023 08:50:00	3.62	0.00	23.91	99.88
12/04/2023 08:55:00	3.55	0.00	24.05	99.89
12/04/2023 09:00:00	4.41	0.00	24.05	99.88
12/04/2023 09:05:00	4.26	0.00	23.29	99.90
12/04/2023 09:10:00	4.68	0.00	23.29	99.91
12/04/2023 09:15:00	3.88	0.00	23.58	99.88
12/04/2023 09:20:00	4.73	0.00	23.89	99.89
12/04/2023 09:25:00	4.55	0.00	24.05	99.90
12/04/2023 09:30:00	5.24	0.00	23.91	99.89
12/04/2023 09:35:00	8.14	0.00	23.72	99.87
12/04/2023 09:40:00	4.17	0.00	24.19	99.88
12/04/2023 09:45:00	4.33	0.00	24.05	99.87
12/04/2023 09:50:00	5.15	0.00	23.91	99.87
12/04/2023 09:55:00	8.72	0.00	23.29	99.86
12/04/2023 10:00:00	8.19	0.00	23.77	99.87
12/04/2023 10:05:00	8.89	0.00	23.45	99.88
12/04/2023 10:10:00	8.31	0.00	23.45	99.86
12/04/2023 10:15:00	6.56	0.00	23.25	99.85
12/04/2023 10:20:00	7.47	0.00	23.74	99.86
12/04/2023 10:25:00	7.07	0.00	23.89	99.85
12/04/2023 10:30:00	6.58	0.00	24.05	99.83
12/04/2023 10:35:00	6.80	0.00	24.23	99.83
12/04/2023 10:40:00	7.87	0.00	23.91	99.86
12/04/2023 10:45:00	6.73	0.00	23.91	99.83
12/04/2023 10:50:00	7.63	0.00	24.67	99.83
12/04/2023 10:55:00	6.73	0.00	23.87	99.83
12/04/2023 11:00:00	5.87	0.00	24.67	99.83
12/04/2023 11:05:00	6.33	0.00	24.51	99.83
12/04/2023 11:10:00	6.33	0.00	24.98	99.83
12/04/2023 11:15:00	5.24	0.00	24.51	99.82
12/04/2023 11:20:00	3.39	0.00	24.98	99.81
12/04/2023 11:25:00	1.21	0.00	25.00	99.81
12/04/2023 11:30:00	0.37	0.00	24.79	99.79
12/04/2023 11:35:00	0.34	0.00	25.25	99.80
12/04/2023 11:40:00	0.43	0.00	25.41	99.78
12/04/2023 11:45:00	0.79	0.00	24.96	99.77
12/04/2023 11:50:00	1.50	0.00	25.09	99.77
12/04/2023 11:55:00	0.76	0.00	25.41	99.78
12/04/2023 12:00:00	4.87	0.00	24.83	99.76

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
12/04/2023 12:05:00	1.79	0.00	24.96	99.75
12/04/2023 12:10:00	1.04	0.00	24.21	99.74
12/04/2023 12:15:00	0.53	0.00	24.32	99.72
12/04/2023 12:20:00	0.32	0.00	24.05	99.71
12/04/2023 12:25:00	0.34	0.00	24.81	99.72
12/04/2023 12:30:00	0.41	0.00	24.32	99.71
12/04/2023 12:35:00	0.32	0.00	24.65	99.70
12/04/2023 12:40:00	0.37	0.00	24.98	99.68
12/04/2023 12:45:00	0.30	0.00	24.65	99.68
12/04/2023 12:50:00	0.30	0.00	24.67	99.68
12/04/2023 12:55:00	0.27	0.00	24.96	99.66
12/04/2023 13:00:00	0.30	0.00	25.09	99.65
12/04/2023 13:05:00	0.25	0.00	25.70	99.65
12/04/2023 13:10:00	0.48	0.00	25.72	99.64
12/04/2023 13:15:00	0.41	0.00	25.12	99.63
12/04/2023 13:20:00	1.23	0.00	25.74	99.64
12/04/2023 13:25:00	0.83	0.00	25.44	99.63
12/04/2023 13:30:00	0.30	0.00	25.58	99.60
12/04/2023 13:35:00	0.30	0.00	25.28	99.60
12/04/2023 13:40:00	0.27	0.00	25.72	99.60
12/04/2023 13:45:00	0.25	0.00	25.70	99.58
12/04/2023 13:50:00	0.27	0.00	25.44	99.58
12/04/2023 13:55:00	0.27	0.00	26.02	99.56
12/04/2023 14:00:00	0.25	0.00	25.41	99.57
12/04/2023 14:05:00	0.30	0.00	25.58	99.56
12/04/2023 14:10:00	0.30	0.00	26.00	99.55
12/04/2023 14:15:00	0.32	0.00	26.18	99.54
12/04/2023 14:20:00	0.27	0.00	26.34	99.53
12/04/2023 14:25:00	0.34	0.00	25.86	99.52
12/04/2023 14:30:00	0.69	0.00	26.21	99.51
12/04/2023 14:35:00	0.27	0.00	25.72	99.51
12/04/2023 14:40:00	0.30	0.00	25.86	99.50
12/04/2023 14:45:00	0.30	0.00	26.32	99.51
12/04/2023 14:50:00	0.53	0.00	26.16	99.51
12/04/2023 14:55:00	0.39	0.00	26.34	99.50
12/04/2023 15:00:00	0.30	0.00	26.02	99.51
12/04/2023 15:05:00	0.43	0.00	26.32	99.50
12/04/2023 15:10:00	0.43	0.00	26.63	99.48
12/04/2023 15:15:00	0.37	0.00	26.02	99.48
12/04/2023 15:20:00	0.27	0.00	26.46	99.48
12/04/2023 15:25:00	0.30	0.00	26.16	99.48
12/04/2023 15:30:00	0.37	0.00	26.81	99.48
12/04/2023 15:35:00	0.27	0.00	26.72	99.47
12/04/2023 15:40:00	0.30	0.00	26.48	99.47
12/04/2023 15:45:00	0.27	0.00	26.46	99.45
12/04/2023 15:50:00	0.27	0.00	26.16	99.47
12/04/2023 15:55:00	0.39	0.00	26.95	99.45
12/04/2023 16:00:00	0.39	0.00	26.18	99.44
12/04/2023 16:05:00	3.46	0.00	26.48	99.45
12/04/2023 16:10:00	2.04	0.00	25.86	99.45
12/04/2023 16:15:00	1.55	0.00	26.02	99.44
12/04/2023 16:20:00	0.50	0.00	25.25	99.42
12/04/2023 16:25:00	0.63	0.00	25.72	99.44

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)
12/04/2023 16:30:00	0.25	0.00	26.18	99.45
12/04/2023 16:35:00	0.39	0.00	25.56	99.44
12/04/2023 16:40:00	0.46	0.00	25.86	99.44
12/04/2023 16:45:00	0.32	0.00	25.56	99.43
12/04/2023 16:50:00	0.39	0.00	25.86	99.44
12/04/2023 16:55:00	0.81	0.00	25.56	99.43
12/04/2023 17:00:00	2.32	0.00	26.21	99.44
12/04/2023 17:05:00	4.91	0.00	25.25	99.43
12/04/2023 17:10:00	3.29	0.00	24.81	99.43
12/04/2023 17:15:00	1.64	0.00	24.51	99.43
12/04/2023 17:20:00	0.50	0.00	24.98	99.42
12/04/2023 17:25:00	0.56	0.00	25.14	99.44
12/04/2023 17:30:00	0.50	0.00	24.79	99.45
12/04/2023 17:35:00	0.43	0.00	24.19	99.45
12/04/2023 17:40:00	0.67	0.00	24.98	99.45
12/04/2023 17:45:00	0.85	0.00	24.96	99.45
12/04/2023 17:50:00	0.69	0.00	24.51	99.44
12/04/2023 17:55:00	2.48	0.00	24.19	99.45
12/04/2023 18:00:00	2.17	0.00	24.54	99.45
12/04/2023 18:05:00	3.46	0.00	24.81	99.45
12/04/2023 18:10:00	2.27	0.00	24.51	99.47
12/04/2023 18:15:00	2.81	0.00	24.38	99.47
12/04/2023 18:20:00	1.57	0.00	24.54	99.48
12/04/2023 18:25:00	2.94	0.00	24.54	99.49
12/04/2023 18:30:00	4.75	0.00	24.70	99.48
12/04/2023 18:35:00	2.25	0.00	23.91	99.51
12/04/2023 18:40:00	1.14	0.00	23.89	99.51
12/04/2023 18:45:00	0.67	0.00	24.32	99.51
12/04/2023 18:50:00	0.32	0.00	24.35	99.52
12/04/2023 18:55:00	0.30	0.00	24.51	99.51
12/04/2023 19:00:00	6.22	0.00	24.35	99.54
12/04/2023 19:05:00	1.34	0.00	23.91	99.53
12/04/2023 19:10:00	0.76	0.00	24.49	99.52
12/04/2023 19:15:00	1.95	0.00	24.38	99.54
12/04/2023 19:20:00	0.63	0.00	24.35	99.53
12/04/2023 19:25:00	0.34	0.00	24.05	99.54
12/04/2023 19:30:00	0.30	0.00	24.23	99.56
12/04/2023 19:35:00	0.30	0.00	24.05	99.56
12/04/2023 19:40:00	0.27	0.00	24.65	99.57
12/04/2023 19:45:00	0.27	0.00	24.63	99.59
12/04/2023 19:50:00	0.32	0.00	24.38	99.59
12/04/2023 19:55:00	0.27	0.00	24.05	99.60
12/04/2023 20:00:00	0.56	0.00	24.47	99.61
12/04/2023 20:05:00	0.27	0.00	24.32	99.61
12/04/2023 20:10:00	0.23	0.00	24.03	99.62
12/04/2023 20:15:00	0.23	0.00	24.03	99.62
12/04/2023 20:20:00	0.25	0.00	24.03	99.62
12/04/2023 20:25:00	0.30	0.00	23.87	99.63
12/04/2023 20:30:00	0.27	0.00	24.35	99.63
12/04/2023 20:35:00	0.27	0.00	23.89	99.65
12/04/2023 20:40:00	0.27	0.00	24.49	99.64
12/04/2023 20:45:00	0.30	0.00	24.35	99.63
12/04/2023 20:50:00	0.25	0.00	24.05	99.64

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
12/04/2023 20:55:00	0.25	0.00	23.74	99.63
12/04/2023 21:00:00	0.25	0.00	23.89	99.65
12/04/2023 21:05:00	0.25	0.00	23.61	99.64
12/04/2023 21:10:00	0.23	0.00	24.32	99.63
12/04/2023 21:15:00	0.23	0.00	23.72	99.63
12/04/2023 21:20:00	0.25	0.00	23.56	99.63
12/04/2023 21:25:00	0.23	0.00	24.05	99.66
12/04/2023 21:30:00	0.23	0.00	23.58	99.69
12/04/2023 21:35:00	0.25	0.00	24.05	99.69
12/04/2023 21:40:00	0.23	0.00	24.07	99.69
12/04/2023 21:45:00	0.25	0.00	24.21	99.71
12/04/2023 21:50:00	0.23	0.00	23.74	99.74
12/04/2023 21:55:00	0.23	0.00	24.21	99.74
12/04/2023 22:00:00	0.25	0.00	24.19	99.73
12/04/2023 22:05:00	0.21	0.00	23.56	99.74
12/04/2023 22:10:00	0.43	0.00	24.05	99.74
12/04/2023 22:15:00	0.43	0.00	23.74	99.74
12/04/2023 22:20:00	0.39	0.00	24.21	99.74
12/04/2023 22:25:00	0.50	0.00	24.21	99.75
12/04/2023 22:30:00	0.46	0.00	24.16	99.74
12/04/2023 22:35:00	0.53	0.00	24.51	99.74
12/04/2023 22:40:00	0.48	0.00	24.49	99.74
12/04/2023 22:45:00	3.13	0.00	24.35	99.74
12/04/2023 22:50:00	5.20	0.00	23.74	99.74
12/04/2023 22:55:00	2.39	0.00	24.07	99.74
12/04/2023 23:00:00	3.64	0.00	24.21	99.74
12/04/2023 23:05:00	2.83	0.00	24.07	99.74
12/04/2023 23:10:00	1.57	0.00	24.07	99.74
12/04/2023 23:15:00	2.30	0.00	24.21	99.73
12/04/2023 23:20:00	2.88	0.00	24.67	99.72
12/04/2023 23:25:00	3.08	0.00	24.65	99.72
12/04/2023 23:30:00	2.97	0.00	24.21	99.72
12/04/2023 23:35:00	2.17	0.00	24.35	99.71
12/04/2023 23:40:00	2.92	0.00	24.05	99.71
12/04/2023 23:45:00	2.76	0.00	24.79	99.72
12/04/2023 23:50:00	4.01	0.00	24.05	99.71
12/04/2023 23:55:00	3.34	0.00	24.38	99.70