



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: 20/04/2023

Tới: 20/04/2023

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)
20/04/2023 00:00:00	4.50	0.00	27.34	98.99
20/04/2023 00:05:00	4.99	0.00	27.79	98.99
20/04/2023 00:10:00	5.26	0.00	27.18	98.99
20/04/2023 00:15:00	4.87	0.00	27.81	98.97
20/04/2023 00:20:00	4.43	0.00	27.48	98.98
20/04/2023 00:25:00	4.41	0.00	27.16	98.96
20/04/2023 00:30:00	4.50	0.00	27.48	98.96
20/04/2023 00:35:00	4.91	0.00	27.18	98.94
20/04/2023 00:40:00	4.87	0.00	27.65	98.94
20/04/2023 00:45:00	4.84	0.00	27.48	98.94
20/04/2023 00:50:00	5.31	0.00	27.34	98.93
20/04/2023 00:55:00	4.46	0.00	26.88	98.93
20/04/2023 01:00:00	5.04	0.00	27.46	98.92
20/04/2023 01:05:00	4.59	0.00	27.18	98.93
20/04/2023 01:10:00	4.82	0.00	27.34	98.93
20/04/2023 01:15:00	4.59	0.00	26.99	98.91
20/04/2023 01:20:00	4.94	0.00	27.18	98.91
20/04/2023 01:25:00	4.43	0.00	26.88	98.91
20/04/2023 01:30:00	4.75	0.00	27.63	98.91
20/04/2023 01:35:00	4.84	0.00	27.65	98.91
20/04/2023 01:40:00	4.55	0.00	26.88	98.91
20/04/2023 01:45:00	4.80	0.00	27.65	98.92
20/04/2023 01:50:00	5.04	0.00	26.88	98.91
20/04/2023 01:55:00	4.87	0.00	27.50	98.89
20/04/2023 02:00:00	4.52	0.00	27.04	98.91
20/04/2023 02:05:00	4.33	0.00	27.09	98.90
20/04/2023 02:10:00	4.57	0.00	27.23	98.88
20/04/2023 02:15:00	5.33	0.00	27.04	98.87
20/04/2023 02:20:00	5.38	0.00	27.02	98.86
20/04/2023 02:25:00	5.55	0.00	26.88	98.88
20/04/2023 02:30:00	5.91	0.00	26.90	98.87
20/04/2023 02:35:00	6.06	0.00	26.74	98.87
20/04/2023 02:40:00	5.66	0.00	27.21	98.86
20/04/2023 02:45:00	5.91	0.00	27.34	98.85
20/04/2023 02:50:00	5.98	0.00	27.04	98.86
20/04/2023 02:55:00	5.15	0.00	26.58	98.86
20/04/2023 03:00:00	5.59	0.00	26.90	98.86
20/04/2023 03:05:00	5.24	0.00	26.79	98.85
20/04/2023 03:10:00	4.55	0.00	26.74	98.84

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)
20/04/2023 03:15:00	4.89	0.00	26.46	98.87
20/04/2023 03:20:00	4.36	0.00	26.90	98.87
20/04/2023 03:25:00	6.20	0.00	27.18	98.87
20/04/2023 03:30:00	5.42	0.00	26.60	98.88
20/04/2023 03:35:00	4.59	0.00	26.79	98.88
20/04/2023 03:40:00	5.33	0.00	26.76	98.87
20/04/2023 03:45:00	5.08	0.00	27.21	98.87
20/04/2023 03:50:00	5.78	0.00	26.90	98.87
20/04/2023 03:55:00	4.66	0.00	26.74	98.89
20/04/2023 04:00:00	5.68	0.00	26.58	98.87
20/04/2023 04:05:00	4.73	0.00	26.88	98.87
20/04/2023 04:10:00	5.17	0.00	26.44	98.87
20/04/2023 04:15:00	5.20	0.00	27.02	98.87
20/04/2023 04:20:00	5.17	0.00	26.44	98.87
20/04/2023 04:25:00	5.17	0.00	26.88	98.87
20/04/2023 04:30:00	5.66	0.00	26.90	98.87
20/04/2023 04:35:00	6.00	0.00	26.16	98.87
20/04/2023 04:40:00	6.00	0.00	26.28	98.87
20/04/2023 04:45:00	6.15	0.00	26.74	98.87
20/04/2023 04:50:00	6.73	0.00	26.90	98.89
20/04/2023 04:55:00	5.01	0.00	26.58	98.89
20/04/2023 05:00:00	5.42	0.00	26.28	98.90
20/04/2023 05:05:00	5.20	0.00	26.58	98.91
20/04/2023 05:10:00	5.94	0.00	26.30	98.90
20/04/2023 05:15:00	5.20	0.00	26.90	98.90
20/04/2023 05:20:00	6.29	0.00	26.58	98.92
20/04/2023 05:25:00	5.08	0.00	26.30	98.92
20/04/2023 05:30:00	4.91	0.00	26.28	98.93
20/04/2023 05:35:00	5.40	0.00	26.44	98.93
20/04/2023 05:40:00	4.84	0.00	26.14	98.95
20/04/2023 05:45:00	4.84	0.00	26.00	98.97
20/04/2023 05:50:00	4.87	0.00	26.14	98.98
20/04/2023 05:55:00	4.78	0.00	26.30	98.97
20/04/2023 06:00:00	4.26	0.00	26.46	99.00
20/04/2023 06:05:00	4.46	0.00	26.12	98.99
20/04/2023 06:10:00	4.78	0.00	25.98	98.99
20/04/2023 06:15:00	4.48	0.00	26.44	99.01
20/04/2023 06:20:00	4.52	0.00	26.60	99.00
20/04/2023 06:25:00	4.52	0.00	26.14	99.01
20/04/2023 06:30:00	5.15	0.00	25.98	99.01
20/04/2023 06:35:00	4.46	0.00	25.86	99.02
20/04/2023 06:40:00	4.55	0.00	26.28	99.03
20/04/2023 06:45:00	4.22	0.00	25.83	99.02
20/04/2023 06:50:00	3.92	0.00	26.25	99.02
20/04/2023 06:55:00	4.08	0.00	26.60	99.02
20/04/2023 07:00:00	3.97	0.00	26.67	99.04
20/04/2023 07:05:00	4.24	0.00	26.00	99.04
20/04/2023 07:10:00	4.38	0.00	26.28	99.04
20/04/2023 07:15:00	3.78	0.00	25.98	99.05
20/04/2023 07:20:00	3.82	0.00	26.28	99.06
20/04/2023 07:25:00	3.32	0.00	26.14	99.08
20/04/2023 07:30:00	2.99	0.00	26.90	99.08
20/04/2023 07:35:00	2.78	0.00	26.28	99.09

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)
20/04/2023 07:40:00	2.37	0.00	26.60	99.09
20/04/2023 07:45:00	2.06	0.00	26.88	99.09
20/04/2023 07:50:00	1.88	0.00	26.88	99.09
20/04/2023 07:55:00	1.97	0.00	26.74	99.10
20/04/2023 08:00:00	1.99	0.00	27.34	99.13
20/04/2023 08:05:00	1.81	0.00	26.74	99.11
20/04/2023 08:10:00	2.69	0.00	27.04	99.13
20/04/2023 08:15:00	1.90	0.00	26.90	99.11
20/04/2023 08:20:00	1.76	0.00	27.32	99.11
20/04/2023 08:25:00	1.83	0.00	27.81	99.13
20/04/2023 08:30:00	2.37	0.00	27.23	99.13
20/04/2023 08:35:00	2.48	0.00	27.81	99.14
20/04/2023 08:40:00	2.39	0.00	27.37	99.15
20/04/2023 08:45:00	2.41	0.00	27.95	99.14
20/04/2023 08:50:00	2.34	0.00	27.97	99.16
20/04/2023 08:55:00	2.55	0.00	28.27	99.16
20/04/2023 09:00:00	2.25	0.00	27.65	99.15
20/04/2023 09:05:00	2.46	0.00	27.81	99.15
20/04/2023 09:10:00	2.15	0.00	27.81	99.15
20/04/2023 09:15:00	2.32	0.00	27.79	99.15
20/04/2023 09:20:00	2.39	0.00	27.53	99.14
20/04/2023 09:25:00	2.57	0.00	27.65	99.14
20/04/2023 09:30:00	1.67	0.00	28.30	99.16
20/04/2023 09:35:00	1.79	0.00	28.57	99.18
20/04/2023 09:40:00	1.59	0.00	28.23	99.18
20/04/2023 09:45:00	1.64	0.00	28.25	99.17
20/04/2023 09:50:00	1.53	0.00	27.92	99.16
20/04/2023 09:55:00	1.64	0.00	28.39	99.18
20/04/2023 10:00:00	1.62	0.00	28.55	99.16
20/04/2023 10:05:00	1.81	0.00	28.41	99.17
20/04/2023 10:10:00	1.76	0.00	28.88	99.17
20/04/2023 10:15:00	1.99	0.00	28.99	99.16
20/04/2023 10:20:00	1.81	0.00	29.43	99.15
20/04/2023 10:25:00	2.73	0.00	29.32	99.16
20/04/2023 10:30:00	2.39	0.00	28.99	99.15
20/04/2023 10:35:00	1.97	0.00	29.18	99.15
20/04/2023 10:40:00	2.20	0.00	29.90	99.14
20/04/2023 10:45:00	2.13	0.00	29.62	99.11
20/04/2023 10:50:00	2.08	0.00	29.59	99.12
20/04/2023 10:55:00	2.15	0.00	29.90	99.11
20/04/2023 11:00:00	1.97	0.00	29.73	99.11
20/04/2023 11:05:00	1.43	0.00	30.06	99.12
20/04/2023 11:10:00	1.53	0.00	30.17	99.08
20/04/2023 11:15:00	1.72	0.00	30.53	99.06
20/04/2023 11:20:00	1.72	0.00	29.81	99.06
20/04/2023 11:25:00	2.17	0.00	29.92	99.08
20/04/2023 11:30:00	1.50	0.00	29.92	99.08
20/04/2023 11:35:00	1.59	0.00	30.69	99.04
20/04/2023 11:40:00	1.39	0.00	30.08	99.04
20/04/2023 11:45:00	1.46	0.00	30.50	99.04
20/04/2023 11:50:00	1.81	0.00	30.37	99.04
20/04/2023 11:55:00	1.30	0.00	30.55	99.02
20/04/2023 12:00:00	1.08	0.00	30.22	99.02

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)
20/04/2023 12:05:00	1.32	0.00	30.69	99.01
20/04/2023 12:10:00	1.59	0.00	29.92	98.99
20/04/2023 12:15:00	2.43	0.00	30.04	99.00
20/04/2023 12:20:00	2.97	0.00	30.66	98.98
20/04/2023 12:25:00	2.32	0.00	30.64	98.98
20/04/2023 12:30:00	2.92	0.00	30.50	98.96
20/04/2023 12:35:00	2.69	0.00	30.97	98.98
20/04/2023 12:40:00	2.90	0.00	30.97	98.96
20/04/2023 12:45:00	3.04	0.00	31.57	98.93
20/04/2023 12:50:00	2.17	0.00	31.57	98.93
20/04/2023 12:55:00	2.94	0.00	31.43	98.93
20/04/2023 13:00:00	3.11	0.00	31.01	98.91
20/04/2023 13:05:00	3.01	0.00	31.91	98.91
20/04/2023 13:10:00	3.43	0.00	31.27	98.89
20/04/2023 13:15:00	3.04	0.00	31.43	98.89
20/04/2023 13:20:00	3.04	0.00	32.20	98.86
20/04/2023 13:25:00	3.20	0.00	31.71	98.87
20/04/2023 13:30:00	2.39	0.00	32.36	98.84
20/04/2023 13:35:00	2.81	0.00	32.33	98.84
20/04/2023 13:40:00	2.59	0.00	32.31	98.81
20/04/2023 13:45:00	2.41	0.00	32.01	98.81
20/04/2023 13:50:00	1.83	0.00	32.04	98.81
20/04/2023 13:55:00	2.32	0.00	32.33	98.79
20/04/2023 14:00:00	2.01	0.00	32.31	98.79
20/04/2023 14:05:00	2.69	0.00	31.57	98.78
20/04/2023 14:10:00	2.43	0.00	31.71	98.78
20/04/2023 14:15:00	2.64	0.00	31.87	98.76
20/04/2023 14:20:00	2.20	0.00	32.52	98.76
20/04/2023 14:25:00	2.88	0.00	31.71	98.74
20/04/2023 14:30:00	2.17	0.00	32.01	98.73
20/04/2023 14:35:00	2.48	0.00	32.33	98.73
20/04/2023 14:40:00	1.99	0.00	32.06	98.73
20/04/2023 14:45:00	3.15	0.00	33.08	98.72
20/04/2023 14:50:00	2.66	0.00	32.45	98.73
20/04/2023 14:55:00	2.71	0.00	32.62	98.70
20/04/2023 15:00:00	2.48	0.00	33.54	98.70
20/04/2023 15:05:00	2.83	0.00	32.50	98.70
20/04/2023 15:10:00	2.37	0.00	32.48	98.69
20/04/2023 15:15:00	2.53	0.00	33.54	98.70
20/04/2023 15:20:00	2.30	0.00	32.91	98.69
20/04/2023 15:25:00	1.72	0.00	33.10	98.67
20/04/2023 15:30:00	2.15	0.00	34.00	98.67
20/04/2023 15:35:00	2.43	0.00	34.03	98.67
20/04/2023 15:40:00	2.13	0.00	32.62	98.68
20/04/2023 15:45:00	2.25	0.00	33.71	98.69
20/04/2023 15:50:00	2.55	0.00	33.87	98.69
20/04/2023 15:55:00	2.85	0.00	34.20	98.67
20/04/2023 16:00:00	2.66	0.00	32.50	98.67
20/04/2023 16:05:00	2.48	0.00	33.42	98.68
20/04/2023 16:10:00	3.39	0.00	34.15	98.67
20/04/2023 16:15:00	3.22	0.00	33.26	98.68
20/04/2023 16:20:00	3.24	0.00	33.71	98.67
20/04/2023 16:25:00	3.43	0.00	32.80	98.67

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)
20/04/2023 16:30:00	2.94	0.00	32.94	98.67
20/04/2023 16:35:00	3.36	0.00	33.71	98.67
20/04/2023 16:40:00	2.97	0.00	33.84	98.66
20/04/2023 16:45:00	3.43	0.00	32.96	98.67
20/04/2023 16:50:00	3.32	0.00	32.50	98.67
20/04/2023 16:55:00	2.69	0.00	33.10	98.66
20/04/2023 17:00:00	3.13	0.00	33.84	98.67
20/04/2023 17:05:00	2.48	0.00	32.20	98.67
20/04/2023 17:10:00	2.01	0.00	33.40	98.66
20/04/2023 17:15:00	2.06	0.00	32.17	98.65
20/04/2023 17:20:00	1.92	0.00	32.33	98.65
20/04/2023 17:25:00	2.17	0.00	32.17	98.66
20/04/2023 17:30:00	2.57	0.00	31.87	98.67
20/04/2023 17:35:00	2.57	0.00	32.04	98.64
20/04/2023 17:40:00	2.71	0.00	31.89	98.65
20/04/2023 17:45:00	2.55	0.00	31.46	98.64
20/04/2023 17:50:00	2.81	0.00	31.89	98.66
20/04/2023 17:55:00	3.01	0.00	30.97	98.66
20/04/2023 18:00:00	2.90	0.00	31.75	98.64
20/04/2023 18:05:00	3.27	0.00	31.31	98.65
20/04/2023 18:10:00	3.64	0.00	31.27	98.64
20/04/2023 18:15:00	3.24	0.00	30.85	98.67
20/04/2023 18:20:00	2.46	0.00	30.20	98.65
20/04/2023 18:25:00	3.11	0.00	30.82	98.66
20/04/2023 18:30:00	3.46	0.00	29.95	98.67
20/04/2023 18:35:00	3.55	0.00	30.39	98.67
20/04/2023 18:40:00	3.24	0.00	29.62	98.65
20/04/2023 18:45:00	3.27	0.00	29.59	98.67
20/04/2023 18:50:00	2.85	0.00	29.92	98.67
20/04/2023 18:55:00	3.99	0.00	29.30	98.70
20/04/2023 19:00:00	4.06	0.00	29.46	98.70
20/04/2023 19:05:00	4.15	0.00	29.18	98.71
20/04/2023 19:10:00	3.69	0.00	29.76	98.69
20/04/2023 19:15:00	3.94	0.00	29.76	98.70
20/04/2023 19:20:00	4.24	0.00	29.32	98.70
20/04/2023 19:25:00	4.17	0.00	29.46	98.70
20/04/2023 19:30:00	4.24	0.00	29.34	98.73
20/04/2023 19:35:00	4.31	0.00	29.15	98.73
20/04/2023 19:40:00	4.06	0.00	28.99	98.73
20/04/2023 19:45:00	3.82	0.00	29.13	98.72
20/04/2023 19:50:00	4.33	0.00	28.25	98.76
20/04/2023 19:55:00	4.24	0.00	28.99	98.73
20/04/2023 20:00:00	4.08	0.00	28.85	98.74
20/04/2023 20:05:00	4.17	0.00	28.50	98.75
20/04/2023 20:10:00	4.46	0.00	28.08	98.75
20/04/2023 20:15:00	4.52	0.00	28.55	98.79
20/04/2023 20:20:00	4.48	0.00	28.25	98.79
20/04/2023 20:25:00	4.26	0.00	28.69	98.81
20/04/2023 20:30:00	4.75	0.00	28.72	98.82
20/04/2023 20:35:00	4.52	0.00	28.53	98.82
20/04/2023 20:40:00	4.24	0.00	28.08	98.83
20/04/2023 20:45:00	4.15	0.00	28.53	98.84
20/04/2023 20:50:00	3.88	0.00	28.57	98.85

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)
20/04/2023 20:55:00	4.24	0.00	28.55	98.85
20/04/2023 21:00:00	3.78	0.00	27.63	98.87
20/04/2023 21:05:00	3.69	0.00	28.23	98.87
20/04/2023 21:10:00	3.71	0.00	27.95	98.90
20/04/2023 21:15:00	3.59	0.00	28.41	98.89
20/04/2023 21:20:00	4.04	0.00	28.39	98.90
20/04/2023 21:25:00	3.59	0.00	27.92	98.89
20/04/2023 21:30:00	3.92	0.00	27.95	98.91
20/04/2023 21:35:00	3.73	0.00	27.79	98.91
20/04/2023 21:40:00	3.62	0.00	27.76	98.91
20/04/2023 21:45:00	3.48	0.00	27.63	98.91
20/04/2023 21:50:00	3.97	0.00	28.06	98.90
20/04/2023 21:55:00	3.69	0.00	28.06	98.91
20/04/2023 22:00:00	3.57	0.00	27.79	98.91
20/04/2023 22:05:00	3.46	0.00	28.08	98.91
20/04/2023 22:10:00	3.80	0.00	27.50	98.92
20/04/2023 22:15:00	3.88	0.00	27.95	98.91
20/04/2023 22:20:00	3.99	0.00	28.06	98.91
20/04/2023 22:25:00	3.88	0.00	27.32	98.91
20/04/2023 22:30:00	3.94	0.00	27.30	98.91
20/04/2023 22:35:00	3.75	0.00	27.48	98.91
20/04/2023 22:40:00	3.75	0.00	27.95	98.92
20/04/2023 22:45:00	3.88	0.00	27.63	98.91
20/04/2023 22:50:00	3.90	0.00	27.18	98.92
20/04/2023 22:55:00	3.97	0.00	27.90	98.92
20/04/2023 23:00:00	3.57	0.00	27.65	98.92
20/04/2023 23:05:00	4.13	0.00	27.79	98.93
20/04/2023 23:10:00	3.97	0.00	27.48	98.92
20/04/2023 23:15:00	3.88	0.00	27.92	98.91
20/04/2023 23:20:00	4.10	0.00	27.34	98.91
20/04/2023 23:25:00	4.01	0.00	27.48	98.91
20/04/2023 23:30:00	4.17	0.00	27.63	98.90
20/04/2023 23:35:00	3.88	0.00	27.92	98.90
20/04/2023 23:40:00	4.22	0.00	27.63	98.91
20/04/2023 23:45:00	3.55	0.00	27.46	98.90
20/04/2023 23:50:00	3.66	0.00	27.92	98.91
20/04/2023 23:55:00	4.24	0.00	27.76	98.91