



## 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: 17/04/2023

Tới: 17/04/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
17/04/2023 00:00:00	0.43	0.00	25.35	99.48
17/04/2023 00:05:00	0.43	0.00	24.93	99.48
17/04/2023 00:10:00	0.43	0.00	25.23	99.45
17/04/2023 00:15:00	0.67	0.00	25.07	99.45
17/04/2023 00:20:00	0.37	0.00	24.44	99.45
17/04/2023 00:25:00	0.39	0.00	24.47	99.45
17/04/2023 00:30:00	0.34	0.00	24.61	99.42
17/04/2023 00:35:00	0.34	0.00	24.30	99.43
17/04/2023 00:40:00	0.41	0.00	24.77	99.43
17/04/2023 00:45:00	0.30	0.00	24.61	99.44
17/04/2023 00:50:00	0.39	0.00	24.91	99.42
17/04/2023 00:55:00	0.37	0.00	24.77	99.42
17/04/2023 01:00:00	0.53	0.00	24.93	99.42
17/04/2023 01:05:00	0.32	0.00	24.79	99.40
17/04/2023 01:10:00	0.43	0.00	24.19	99.39
17/04/2023 01:15:00	0.34	0.00	24.03	99.40
17/04/2023 01:20:00	0.37	0.00	24.58	99.40
17/04/2023 01:25:00	0.30	0.00	24.14	99.42
17/04/2023 01:30:00	0.23	0.00	24.61	99.39
17/04/2023 01:35:00	0.23	0.00	24.03	99.39
17/04/2023 01:40:00	0.34	0.00	24.16	99.38
17/04/2023 01:45:00	0.46	0.00	24.79	99.37
17/04/2023 01:50:00	0.30	0.00	24.14	99.36
17/04/2023 01:55:00	0.41	0.00	24.77	99.37
17/04/2023 02:00:00	0.41	0.00	24.77	99.36
17/04/2023 02:05:00	0.30	0.00	24.63	99.36
17/04/2023 02:10:00	0.39	0.00	23.87	99.36
17/04/2023 02:15:00	0.32	0.00	24.47	99.36
17/04/2023 02:20:00	0.30	0.00	24.30	99.36
17/04/2023 02:25:00	0.32	0.00	24.47	99.36
17/04/2023 02:30:00	0.25	0.00	24.30	99.36
17/04/2023 02:35:00	0.32	0.00	24.63	99.35
17/04/2023 02:40:00	0.30	0.00	24.21	99.34
17/04/2023 02:45:00	0.23	0.00	24.47	99.32
17/04/2023 02:50:00	0.23	0.00	24.32	99.32
17/04/2023 02:55:00	0.32	0.00	24.44	99.31
17/04/2023 03:00:00	0.27	0.00	24.30	99.31
17/04/2023 03:05:00	0.25	0.00	24.63	99.31
17/04/2023 03:10:00	0.27	0.00	24.00	99.30

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
17/04/2023 03:15:00	0.30	0.00	24.16	99.31
17/04/2023 03:20:00	0.32	0.00	24.16	99.30
17/04/2023 03:25:00	0.21	0.00	24.14	99.31
17/04/2023 03:30:00	0.27	0.00	24.61	99.30
17/04/2023 03:35:00	0.27	0.00	23.98	99.31
17/04/2023 03:40:00	0.21	0.00	24.61	99.32
17/04/2023 03:45:00	0.25	0.00	24.42	99.31
17/04/2023 03:50:00	0.25	0.00	24.12	99.32
17/04/2023 03:55:00	0.30	0.00	24.77	99.32
17/04/2023 04:00:00	0.21	0.00	24.44	99.32
17/04/2023 04:05:00	0.25	0.00	24.44	99.32
17/04/2023 04:10:00	0.23	0.00	24.44	99.32
17/04/2023 04:15:00	0.23	0.00	24.00	99.34
17/04/2023 04:20:00	1.81	0.00	24.61	99.34
17/04/2023 04:25:00	0.41	0.00	24.32	99.35
17/04/2023 04:30:00	0.30	0.00	23.84	99.36
17/04/2023 04:35:00	0.30	0.00	23.84	99.36
17/04/2023 04:40:00	2.73	0.00	24.28	99.36
17/04/2023 04:45:00	1.74	0.00	24.12	99.36
17/04/2023 04:50:00	3.29	0.00	24.47	99.38
17/04/2023 04:55:00	3.66	0.00	23.87	99.38
17/04/2023 05:00:00	2.27	0.00	23.89	99.40
17/04/2023 05:05:00	3.41	0.00	23.84	99.39
17/04/2023 05:10:00	1.99	0.00	24.14	99.41
17/04/2023 05:15:00	2.78	0.00	24.14	99.41
17/04/2023 05:20:00	1.27	0.00	24.16	99.40
17/04/2023 05:25:00	1.46	0.00	24.58	99.40
17/04/2023 05:30:00	2.59	0.00	24.63	99.40
17/04/2023 05:35:00	2.39	0.00	23.84	99.41
17/04/2023 05:40:00	3.15	0.00	24.00	99.42
17/04/2023 05:45:00	1.41	0.00	23.98	99.43
17/04/2023 05:50:00	2.23	0.00	24.00	99.44
17/04/2023 05:55:00	0.53	0.00	23.98	99.44
17/04/2023 06:00:00	0.21	0.00	23.84	99.45
17/04/2023 06:05:00	0.30	0.00	24.14	99.45
17/04/2023 06:10:00	0.23	0.00	24.28	99.45
17/04/2023 06:15:00	0.30	0.00	24.47	99.47
17/04/2023 06:20:00	0.53	0.00	24.30	99.48
17/04/2023 06:25:00	0.27	0.00	24.47	99.47
17/04/2023 06:30:00	0.32	0.00	24.28	99.49
17/04/2023 06:35:00	0.32	0.00	24.28	99.49
17/04/2023 06:40:00	0.30	0.00	24.61	99.50
17/04/2023 06:45:00	0.18	0.00	24.74	99.51
17/04/2023 06:50:00	0.25	0.00	24.14	99.51
17/04/2023 06:55:00	0.25	0.00	24.30	99.53
17/04/2023 07:00:00	0.27	0.00	24.16	99.55
17/04/2023 07:05:00	0.21	0.00	23.98	99.56
17/04/2023 07:10:00	0.21	0.00	24.47	99.56
17/04/2023 07:15:00	0.18	0.00	24.00	99.56
17/04/2023 07:20:00	0.23	0.00	24.47	99.57
17/04/2023 07:25:00	0.30	0.00	24.16	99.59
17/04/2023 07:30:00	0.18	0.00	24.91	99.61
17/04/2023 07:35:00	0.21	0.00	24.16	99.63

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
17/04/2023 07:40:00	1.90	0.00	24.93	99.63
17/04/2023 07:45:00	1.39	0.00	24.30	99.62
17/04/2023 07:50:00	1.46	0.00	25.07	99.63
17/04/2023 07:55:00	1.30	0.00	24.96	99.64
17/04/2023 08:00:00	1.16	0.00	25.09	99.64
17/04/2023 08:05:00	1.23	0.00	25.09	99.66
17/04/2023 08:10:00	0.97	0.00	24.96	99.68
17/04/2023 08:15:00	1.04	0.00	25.23	99.65
17/04/2023 08:20:00	0.90	0.00	24.77	99.66
17/04/2023 08:25:00	0.92	0.00	25.39	99.67
17/04/2023 08:30:00	0.97	0.00	25.41	99.68
17/04/2023 08:35:00	0.85	0.00	25.70	99.70
17/04/2023 08:40:00	0.67	0.00	25.23	99.68
17/04/2023 08:45:00	0.79	0.00	25.83	99.68
17/04/2023 08:50:00	0.83	0.00	25.51	99.70
17/04/2023 08:55:00	0.90	0.00	25.09	99.70
17/04/2023 09:00:00	0.90	0.00	25.23	99.71
17/04/2023 09:05:00	1.01	0.00	25.56	99.71
17/04/2023 09:10:00	0.97	0.00	25.54	99.73
17/04/2023 09:15:00	0.88	0.00	25.25	99.73
17/04/2023 09:20:00	0.79	0.00	25.54	99.71
17/04/2023 09:25:00	0.99	0.00	26.02	99.72
17/04/2023 09:30:00	0.83	0.00	25.72	99.72
17/04/2023 09:35:00	0.85	0.00	26.00	99.73
17/04/2023 09:40:00	0.88	0.00	26.16	99.71
17/04/2023 09:45:00	1.01	0.00	26.30	99.71
17/04/2023 09:50:00	1.01	0.00	25.88	99.69
17/04/2023 09:55:00	0.92	0.00	26.14	99.68
17/04/2023 10:00:00	0.97	0.00	25.83	99.69
17/04/2023 10:05:00	0.88	0.00	25.98	99.68
17/04/2023 10:10:00	0.74	0.00	26.46	99.71
17/04/2023 10:15:00	0.72	0.00	26.14	99.69
17/04/2023 10:20:00	0.99	0.00	26.30	99.69
17/04/2023 10:25:00	0.74	0.00	26.63	99.67
17/04/2023 10:30:00	0.83	0.00	26.14	99.67
17/04/2023 10:35:00	0.72	0.00	26.76	99.67
17/04/2023 10:40:00	0.67	0.00	26.74	99.63
17/04/2023 10:45:00	0.81	0.00	26.60	99.63
17/04/2023 10:50:00	0.67	0.00	26.90	99.63
17/04/2023 10:55:00	0.85	0.00	26.76	99.63
17/04/2023 11:00:00	0.72	0.00	26.14	99.62
17/04/2023 11:05:00	0.99	0.00	26.16	99.62
17/04/2023 11:10:00	1.43	0.00	26.02	99.62
17/04/2023 11:15:00	1.30	0.00	26.76	99.62
17/04/2023 11:20:00	1.14	0.00	26.00	99.61
17/04/2023 11:25:00	0.85	0.00	26.63	99.59
17/04/2023 11:30:00	0.79	0.00	26.92	99.58
17/04/2023 11:35:00	0.79	0.00	26.16	99.56
17/04/2023 11:40:00	0.81	0.00	26.00	99.58
17/04/2023 11:45:00	0.83	0.00	26.32	99.56
17/04/2023 11:50:00	0.92	0.00	26.95	99.56
17/04/2023 11:55:00	0.83	0.00	26.63	99.54
17/04/2023 12:00:00	0.83	0.00	26.48	99.54

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
17/04/2023 12:05:00	1.08	0.00	26.90	99.53
17/04/2023 12:10:00	0.97	0.00	26.32	99.52
17/04/2023 12:15:00	0.90	0.00	27.23	99.51
17/04/2023 12:20:00	1.06	0.00	26.74	99.50
17/04/2023 12:25:00	1.14	0.00	26.74	99.48
17/04/2023 12:30:00	0.72	0.00	27.21	99.48
17/04/2023 12:35:00	0.72	0.00	27.37	99.46
17/04/2023 12:40:00	0.88	0.00	27.04	99.45
17/04/2023 12:45:00	0.85	0.00	27.07	99.43
17/04/2023 12:50:00	0.74	0.00	27.02	99.45
17/04/2023 12:55:00	0.74	0.00	27.37	99.42
17/04/2023 13:00:00	0.67	0.00	26.60	99.43
17/04/2023 13:05:00	1.72	0.00	26.74	99.42
17/04/2023 13:10:00	0.63	0.00	26.88	99.42
17/04/2023 13:15:00	0.72	0.00	26.88	99.39
17/04/2023 13:20:00	0.63	0.00	27.34	99.38
17/04/2023 13:25:00	0.65	0.00	26.44	99.38
17/04/2023 13:30:00	0.90	0.00	27.07	99.36
17/04/2023 13:35:00	0.76	0.00	26.76	99.36
17/04/2023 13:40:00	0.72	0.00	26.79	99.34
17/04/2023 13:45:00	0.72	0.00	27.37	99.34
17/04/2023 13:50:00	0.65	0.00	26.74	99.32
17/04/2023 13:55:00	1.01	0.00	26.76	99.33
17/04/2023 14:00:00	0.65	0.00	27.32	99.31
17/04/2023 14:05:00	0.72	0.00	26.72	99.30
17/04/2023 14:10:00	1.14	0.00	27.04	99.28
17/04/2023 14:15:00	1.04	0.00	27.37	99.30
17/04/2023 14:20:00	0.85	0.00	26.74	99.29
17/04/2023 14:25:00	0.67	0.00	27.34	99.26
17/04/2023 14:30:00	0.76	0.00	26.88	99.25
17/04/2023 14:35:00	0.69	0.00	27.34	99.26
17/04/2023 14:40:00	0.85	0.00	27.53	99.26
17/04/2023 14:45:00	0.72	0.00	27.21	99.24
17/04/2023 14:50:00	0.88	0.00	27.34	99.24
17/04/2023 14:55:00	0.67	0.00	26.92	99.22
17/04/2023 15:00:00	0.65	0.00	27.23	99.21
17/04/2023 15:05:00	0.85	0.00	27.21	99.22
17/04/2023 15:10:00	0.85	0.00	27.50	99.20
17/04/2023 15:15:00	0.95	0.00	26.58	99.18
17/04/2023 15:20:00	1.04	0.00	27.04	99.19
17/04/2023 15:25:00	1.11	0.00	26.88	99.18
17/04/2023 15:30:00	1.16	0.00	27.21	99.18
17/04/2023 15:35:00	0.81	0.00	26.88	99.17
17/04/2023 15:40:00	0.83	0.00	27.23	99.16
17/04/2023 15:45:00	1.67	0.00	26.46	99.19
17/04/2023 15:50:00	1.43	0.00	26.74	99.16
17/04/2023 15:55:00	1.21	0.00	26.44	99.16
17/04/2023 16:00:00	1.53	0.00	27.07	99.17
17/04/2023 16:05:00	1.48	0.00	27.23	99.16
17/04/2023 16:10:00	2.41	0.00	26.46	99.15
17/04/2023 16:15:00	1.14	0.00	26.46	99.16
17/04/2023 16:20:00	1.08	0.00	26.44	99.14
17/04/2023 16:25:00	0.56	0.00	26.16	99.13

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
17/04/2023 16:30:00	0.32	0.00	26.16	99.14
17/04/2023 16:35:00	0.41	0.00	26.14	99.13
17/04/2023 16:40:00	0.37	0.00	26.44	99.13
17/04/2023 16:45:00	0.32	0.00	26.60	99.13
17/04/2023 16:50:00	0.74	0.00	26.18	99.13
17/04/2023 16:55:00	0.50	0.00	26.60	99.11
17/04/2023 17:00:00	0.32	0.00	26.02	99.12
17/04/2023 17:05:00	0.30	0.00	26.76	99.12
17/04/2023 17:10:00	0.25	0.00	26.58	99.13
17/04/2023 17:15:00	0.37	0.00	26.16	99.13
17/04/2023 17:20:00	0.34	0.00	26.44	99.16
17/04/2023 17:25:00	0.46	0.00	26.60	99.14
17/04/2023 17:30:00	0.30	0.00	26.60	99.14
17/04/2023 17:35:00	0.32	0.00	26.46	99.15
17/04/2023 17:40:00	1.27	0.00	26.00	99.16
17/04/2023 17:45:00	1.23	0.00	25.83	99.18
17/04/2023 17:50:00	0.67	0.00	26.02	99.18
17/04/2023 17:55:00	0.34	0.00	26.16	99.17
17/04/2023 18:00:00	0.95	0.00	25.83	99.19
17/04/2023 18:05:00	0.67	0.00	26.16	99.19
17/04/2023 18:10:00	1.01	0.00	26.30	99.18
17/04/2023 18:15:00	0.76	0.00	25.54	99.19
17/04/2023 18:20:00	0.95	0.00	25.83	99.21
17/04/2023 18:25:00	0.63	0.00	25.54	99.21
17/04/2023 18:30:00	0.39	0.00	26.14	99.22
17/04/2023 18:35:00	0.58	0.00	25.51	99.21
17/04/2023 18:40:00	0.43	0.00	25.98	99.22
17/04/2023 18:45:00	0.27	0.00	25.81	99.23
17/04/2023 18:50:00	0.32	0.00	25.83	99.24
17/04/2023 18:55:00	0.74	0.00	26.14	99.24
17/04/2023 19:00:00	0.39	0.00	25.67	99.26
17/04/2023 19:05:00	0.53	0.00	26.12	99.27
17/04/2023 19:10:00	0.32	0.00	25.72	99.28
17/04/2023 19:15:00	3.73	0.00	26.00	99.30
17/04/2023 19:20:00	3.85	0.00	25.39	99.30
17/04/2023 19:25:00	5.89	0.00	25.23	99.30
17/04/2023 19:30:00	3.92	0.00	24.93	99.31
17/04/2023 19:35:00	4.26	0.00	25.23	99.30
17/04/2023 19:40:00	1.69	0.00	24.93	99.31
17/04/2023 19:45:00	1.53	0.00	24.47	99.31
17/04/2023 19:50:00	1.39	0.00	25.07	99.32
17/04/2023 19:55:00	3.06	0.00	24.93	99.32
17/04/2023 20:00:00	1.79	0.00	24.96	99.33
17/04/2023 20:05:00	1.59	0.00	24.61	99.34
17/04/2023 20:10:00	0.79	0.00	24.77	99.34
17/04/2023 20:15:00	0.72	0.00	24.47	99.36
17/04/2023 20:20:00	1.81	0.00	25.25	99.36
17/04/2023 20:25:00	1.34	0.00	24.79	99.36
17/04/2023 20:30:00	3.34	0.00	25.07	99.39
17/04/2023 20:35:00	1.34	0.00	24.63	99.39
17/04/2023 20:40:00	1.06	0.00	24.77	99.39
17/04/2023 20:45:00	1.53	0.00	24.93	99.39
17/04/2023 20:50:00	1.53	0.00	24.77	99.39

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
17/04/2023 20:55:00	3.62	0.00	25.09	99.41
17/04/2023 21:00:00	3.29	0.00	24.63	99.42
17/04/2023 21:05:00	5.84	0.00	25.39	99.44
17/04/2023 21:10:00	4.94	0.00	24.79	99.42
17/04/2023 21:15:00	4.08	0.00	24.77	99.40
17/04/2023 21:20:00	4.50	0.00	24.63	99.44
17/04/2023 21:25:00	3.88	0.00	25.09	99.44
17/04/2023 21:30:00	4.57	0.00	24.96	99.44
17/04/2023 21:35:00	4.52	0.00	24.81	99.45
17/04/2023 21:40:00	4.43	0.00	24.96	99.45
17/04/2023 21:45:00	5.01	0.00	24.65	99.44
17/04/2023 21:50:00	2.08	0.00	24.81	99.45
17/04/2023 21:55:00	3.34	0.00	24.65	99.44
17/04/2023 22:00:00	2.11	0.00	25.07	99.45
17/04/2023 22:05:00	2.78	0.00	24.49	99.45
17/04/2023 22:10:00	3.32	0.00	24.47	99.46
17/04/2023 22:15:00	3.50	0.00	24.77	99.45
17/04/2023 22:20:00	4.10	0.00	25.09	99.45
17/04/2023 22:25:00	3.94	0.00	25.07	99.45
17/04/2023 22:30:00	2.15	0.00	25.09	99.44
17/04/2023 22:35:00	5.10	0.00	24.96	99.45
17/04/2023 22:40:00	4.06	0.00	24.96	99.45
17/04/2023 22:45:00	6.94	0.00	25.25	99.45
17/04/2023 22:50:00	5.24	0.00	25.39	99.45
17/04/2023 22:55:00	3.22	0.00	24.93	99.42
17/04/2023 23:00:00	3.20	0.00	25.23	99.41
17/04/2023 23:05:00	4.50	0.00	25.39	99.41
17/04/2023 23:10:00	3.64	0.00	25.23	99.42
17/04/2023 23:15:00	4.78	0.00	24.79	99.42
17/04/2023 23:20:00	5.01	0.00	25.09	99.42
17/04/2023 23:25:00	4.15	0.00	25.09	99.41
17/04/2023 23:30:00	3.85	0.00	24.96	99.39
17/04/2023 23:35:00	5.22	0.00	25.39	99.40
17/04/2023 23:40:00	5.26	0.00	25.25	99.40
17/04/2023 23:45:00	5.20	0.00	24.61	99.38
17/04/2023 23:50:00	4.15	0.00	25.09	99.39
17/04/2023 23:55:00	2.62	0.00	25.23	99.39