



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói làm nguội

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 ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
17/04/2023 00:00:00	0.18	19,226.37	25.93	99.65
17/04/2023 00:05:00	0.25	19,964.90	26.06	99.62
17/04/2023 00:10:00	0.14	0.00	26.06	99.61
17/04/2023 00:15:00	0.21	20,337.22	25.35	99.60
17/04/2023 00:20:00	0.41	20,074.77	25.32	99.59
17/04/2023 00:25:00	0.16	19,855.04	25.15	99.57
17/04/2023 00:30:00	0.43	0.00	25.60	99.60
17/04/2023 00:35:00	0.18	20,202.94	25.76	99.56
17/04/2023 00:40:00	0.41	19,855.04	25.51	99.57
17/04/2023 00:45:00	0.09	20,465.40	25.48	99.57
17/04/2023 00:50:00	0.07	20,447.09	25.60	99.57
17/04/2023 00:55:00	0.16	20,221.26	25.30	99.57
17/04/2023 01:00:00	0.27	18,890.67	25.19	99.57
17/04/2023 01:05:00	0.14	19,281.30	25.48	99.57
17/04/2023 01:10:00	0.09	19,110.40	24.70	99.55
17/04/2023 01:15:00	0.14	20,318.91	25.15	99.57
17/04/2023 01:20:00	0.18	20,575.27	25.32	99.56
17/04/2023 01:25:00	0.25	20,074.77	24.86	99.55
17/04/2023 01:30:00	0.05	20,318.91	24.70	99.55
17/04/2023 01:35:00	0.09	20,074.77	25.46	99.55
17/04/2023 01:40:00	0.07	20,074.77	24.99	99.53
17/04/2023 01:45:00	0.09	20,318.91	25.46	99.54
17/04/2023 01:50:00	0.05	20,703.44	24.83	99.52
17/04/2023 01:55:00	0.18	0.00	25.19	99.53
17/04/2023 02:00:00	0.14	20,593.58	24.70	99.53
17/04/2023 02:05:00	0.16	20,447.09	25.13	99.53
17/04/2023 02:10:00	0.16	20,819.41	24.83	99.50
17/04/2023 02:15:00	0.21	0.00	25.15	99.50
17/04/2023 02:20:00	0.23	21,075.76	25.32	99.50
17/04/2023 02:25:00	0.11	20,337.22	25.04	99.52
17/04/2023 02:30:00	0.23	19,745.17	24.41	99.51
17/04/2023 02:35:00	0.16	20,703.44	25.04	99.50
17/04/2023 02:40:00	0.11	21,185.63	25.02	99.51
17/04/2023 02:45:00	0.21	19,946.59	25.13	99.50
17/04/2023 02:50:00	0.25	20,703.44	25.04	99.48
17/04/2023 02:55:00	0.21	20,703.44	24.99	99.45
17/04/2023 03:00:00	0.16	20,819.41	24.58	99.46
17/04/2023 03:05:00	0.11	20,538.64	24.70	99.47
17/04/2023 03:10:00	0.09	20,947.59	25.30	99.46

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)
17/04/2023 03:15:00	0.11	20,355.54	24.39	99.47
17/04/2023 03:20:00	0.11	20,929.27	24.54	99.47
17/04/2023 03:25:00	0.11	20,801.10	24.56	99.46
17/04/2023 03:30:00	0.18	20,556.95	24.83	99.44
17/04/2023 03:35:00	0.07	21,057.45	24.39	99.47
17/04/2023 03:40:00	0.16	0.00	24.99	99.45
17/04/2023 03:45:00	0.05	20,410.47	24.65	99.47
17/04/2023 03:50:00	0.05	20,685.13	24.51	99.47
17/04/2023 03:55:00	0.18	20,685.13	24.54	99.50
17/04/2023 04:00:00	0.07	0.00	24.23	99.48
17/04/2023 04:05:00	0.23	21,149.00	24.86	99.48
17/04/2023 04:10:00	0.02	20,801.10	24.86	99.48
17/04/2023 04:15:00	0.05	20,685.13	24.07	99.50
17/04/2023 04:20:00	0.05	20,056.46	24.05	99.49
17/04/2023 04:25:00	0.02	20,929.27	24.70	99.50
17/04/2023 04:30:00	0.07	19,964.90	24.39	99.51
17/04/2023 04:35:00	0.05	20,093.08	24.86	99.51
17/04/2023 04:40:00	0.14	20,184.63	23.96	99.52
17/04/2023 04:45:00	0.09	21,484.70	24.81	99.53
17/04/2023 04:50:00	0.11	21,057.45	24.09	99.53
17/04/2023 04:55:00	1.71	20,575.27	24.83	99.55
17/04/2023 05:00:00	0.11	20,447.09	24.72	99.55
17/04/2023 05:05:00	0.09	20,929.27	24.54	99.55
17/04/2023 05:10:00	0.07	20,929.27	24.54	99.55
17/04/2023 05:15:00	0.07	20,685.13	24.70	99.56
17/04/2023 05:20:00	0.21	20,685.13	24.54	99.55
17/04/2023 05:25:00	0.07	0.00	24.37	99.55
17/04/2023 05:30:00	0.07	19,702.45	24.39	99.56
17/04/2023 05:35:00	0.07	21,521.32	24.54	99.56
17/04/2023 05:40:00	0.09	20,819.41	24.54	99.56
17/04/2023 05:45:00	0.09	0.00	24.05	99.56
17/04/2023 05:50:00	0.05	20,056.46	23.93	99.58
17/04/2023 05:55:00	0.02	21,429.77	24.86	99.59
17/04/2023 06:00:00	0.00	21,185.63	24.37	99.61
17/04/2023 06:05:00	0.05	20,984.21	24.23	99.58
17/04/2023 06:10:00	0.02	21,167.32	24.67	99.62
17/04/2023 06:15:00	0.07	20,819.41	24.99	99.62
17/04/2023 06:20:00	0.07	20,947.59	24.23	99.62
17/04/2023 06:25:00	0.00	21,039.14	24.70	99.62
17/04/2023 06:30:00	0.02	20,910.96	24.67	99.65
17/04/2023 06:35:00	0.07	21,167.32	24.12	99.64
17/04/2023 06:40:00	0.02	21,185.63	24.56	99.67
17/04/2023 06:45:00	0.05	21,429.77	24.39	99.66
17/04/2023 06:50:00	0.07	21,295.49	24.41	99.67
17/04/2023 06:55:00	0.11	22,388.04	24.09	99.70
17/04/2023 07:00:00	0.07	22,040.13	24.74	99.70
17/04/2023 07:05:00	0.05	21,557.95	24.23	99.70
17/04/2023 07:10:00	0.07	0.00	24.70	99.71
17/04/2023 07:15:00	0.05	22,021.82	24.54	99.71
17/04/2023 07:20:00	0.05	22,150.00	25.19	99.70
17/04/2023 07:25:00	0.05	21,313.80	24.88	99.72
17/04/2023 07:30:00	0.07	0.00	25.21	99.74
17/04/2023 07:35:00	0.05	22,168.31	25.19	99.75

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)
17/04/2023 07:40:00	0.65	22,540.63	24.41	99.77
17/04/2023 07:45:00	0.41	23,132.68	24.70	99.75
17/04/2023 07:50:00	0.30	22,796.98	25.02	99.79
17/04/2023 07:55:00	0.32	23,523.31	24.77	99.77
17/04/2023 08:00:00	0.27	23,260.85	25.02	99.78
17/04/2023 08:05:00	0.27	23,370.72	25.15	99.79
17/04/2023 08:10:00	0.27	22,906.84	25.04	99.81
17/04/2023 08:15:00	0.27	23,260.85	25.35	99.79
17/04/2023 08:20:00	0.23	23,761.35	24.74	99.82
17/04/2023 08:25:00	0.30	23,389.03	25.15	99.81
17/04/2023 08:30:00	0.27	23,150.99	25.15	99.81
17/04/2023 08:35:00	0.23	22,906.84	25.64	99.82
17/04/2023 08:40:00	0.25	23,743.04	25.48	99.84
17/04/2023 08:45:00	0.21	23,505.00	25.32	99.84
17/04/2023 08:50:00	0.25	23,505.00	25.46	99.84
17/04/2023 08:55:00	0.21	0.00	25.35	99.84
17/04/2023 09:00:00	0.21	23,260.85	25.78	99.85
17/04/2023 09:05:00	0.21	23,260.85	25.02	99.84
17/04/2023 09:10:00	0.25	23,389.03	25.32	99.85
17/04/2023 09:15:00	0.34	0.00	25.67	99.86
17/04/2023 09:20:00	0.30	23,871.21	25.19	99.85
17/04/2023 09:25:00	0.34	23,297.47	25.39	99.87
17/04/2023 09:30:00	0.30	23,578.24	25.35	99.86
17/04/2023 09:35:00	0.32	23,761.35	25.35	99.87
17/04/2023 09:40:00	0.27	24,243.53	25.15	99.85
17/04/2023 09:45:00	0.30	23,651.48	26.09	99.85
17/04/2023 09:50:00	0.34	24,005.49	25.64	99.83
17/04/2023 09:55:00	0.34	24,499.89	26.09	99.84
17/04/2023 10:00:00	0.30	23,614.86	25.62	99.85
17/04/2023 10:05:00	0.23	24,579.23	26.20	99.82
17/04/2023 10:10:00	0.27	24,023.80	26.09	99.85
17/04/2023 10:15:00	0.23	24,005.49	26.25	99.81
17/04/2023 10:20:00	0.32	23,871.21	25.51	99.81
17/04/2023 10:25:00	0.27	23,871.21	25.95	99.81
17/04/2023 10:30:00	0.25	23,944.46	25.62	99.81
17/04/2023 10:35:00	0.25	24,133.67	26.22	99.80
17/04/2023 10:40:00	0.27	0.00	26.38	99.81
17/04/2023 10:45:00	0.27	23,505.00	25.97	99.79
17/04/2023 10:50:00	0.23	23,852.90	26.52	99.77
17/04/2023 10:55:00	0.21	23,260.85	26.11	99.77
17/04/2023 11:00:00	0.25	0.00	26.25	99.77
17/04/2023 11:05:00	0.21	23,706.42	25.83	99.75
17/04/2023 11:10:00	0.23	24,243.53	26.11	99.75
17/04/2023 11:15:00	0.21	23,761.35	26.55	99.74
17/04/2023 11:20:00	0.21	23,169.30	25.95	99.73
17/04/2023 11:25:00	0.27	23,651.48	25.78	99.73
17/04/2023 11:30:00	0.23	23,633.17	26.11	99.71
17/04/2023 11:35:00	0.25	23,889.52	26.57	99.69
17/04/2023 11:40:00	0.23	24,280.16	26.55	99.72
17/04/2023 11:45:00	0.30	24,151.98	26.57	99.70
17/04/2023 11:50:00	0.30	23,889.52	26.11	99.71
17/04/2023 11:55:00	0.32	24,243.53	25.95	99.70
17/04/2023 12:00:00	0.39	23,871.21	26.38	99.68

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)
17/04/2023 12:05:00	0.32	23,889.52	26.09	99.67
17/04/2023 12:10:00	0.30	24,005.49	26.41	99.66
17/04/2023 12:15:00	0.32	24,005.49	26.25	99.66
17/04/2023 12:20:00	0.32	24,597.54	26.41	99.62
17/04/2023 12:25:00	0.37	0.00	26.83	99.62
17/04/2023 12:30:00	0.30	23,852.90	26.85	99.61
17/04/2023 12:35:00	0.27	24,115.36	26.69	99.58
17/04/2023 12:40:00	0.23	24,243.53	26.69	99.58
17/04/2023 12:45:00	0.23	0.00	26.22	99.55
17/04/2023 12:50:00	0.21	23,633.17	26.83	99.56
17/04/2023 12:55:00	0.23	23,743.04	27.01	99.56
17/04/2023 13:00:00	0.18	24,005.49	26.83	99.55
17/04/2023 13:05:00	0.18	24,097.05	26.83	99.54
17/04/2023 13:10:00	0.16	23,743.04	26.99	99.53
17/04/2023 13:15:00	0.23	24,225.22	26.99	99.53
17/04/2023 13:20:00	0.21	23,614.86	26.55	99.53
17/04/2023 13:25:00	0.21	23,871.21	26.69	99.53
17/04/2023 13:30:00	0.18	24,243.53	26.71	99.51
17/04/2023 13:35:00	0.21	24,133.67	26.87	99.48
17/04/2023 13:40:00	0.23	24,133.67	26.43	99.47
17/04/2023 13:45:00	0.21	23,743.04	26.85	99.46
17/04/2023 13:50:00	0.25	23,981.08	26.85	99.46
17/04/2023 13:55:00	0.23	23,761.35	26.38	99.47
17/04/2023 14:00:00	0.25	24,707.41	26.34	99.42
17/04/2023 14:05:00	0.18	24,097.05	26.55	99.42
17/04/2023 14:10:00	0.18	0.00	26.83	99.42
17/04/2023 14:15:00	0.25	24,243.53	27.15	99.41
17/04/2023 14:20:00	0.23	24,115.36	26.36	99.42
17/04/2023 14:25:00	0.21	24,225.22	27.15	99.38
17/04/2023 14:30:00	0.23	0.00	27.29	99.39
17/04/2023 14:35:00	0.21	24,225.22	26.99	99.38
17/04/2023 14:40:00	0.23	23,633.17	26.69	99.41
17/04/2023 14:45:00	0.23	23,889.52	27.17	99.37
17/04/2023 14:50:00	0.23	23,523.31	26.71	99.37
17/04/2023 14:55:00	0.18	24,225.22	27.01	99.36
17/04/2023 15:00:00	0.18	24,115.36	26.55	99.34
17/04/2023 15:05:00	0.18	24,005.49	26.71	99.35
17/04/2023 15:10:00	0.21	24,335.09	26.50	99.34
17/04/2023 15:15:00	0.21	23,614.86	26.96	99.32
17/04/2023 15:20:00	0.25	23,370.72	26.71	99.34
17/04/2023 15:25:00	0.23	23,981.08	26.80	99.32
17/04/2023 15:30:00	0.21	23,352.41	26.99	99.31
17/04/2023 15:35:00	0.25	23,389.03	27.15	99.32
17/04/2023 15:40:00	0.27	23,633.17	26.99	99.33
17/04/2023 15:45:00	0.30	23,022.81	26.85	99.31
17/04/2023 15:50:00	0.32	22,870.22	26.71	99.28
17/04/2023 15:55:00	0.37	0.00	27.29	99.29
17/04/2023 16:00:00	0.34	23,633.17	27.01	99.30
17/04/2023 16:05:00	0.39	23,260.85	27.47	99.28
17/04/2023 16:10:00	0.53	23,169.30	27.34	99.28
17/04/2023 16:15:00	0.32	0.00	27.01	99.29
17/04/2023 16:20:00	0.34	23,022.81	26.71	99.27
17/04/2023 16:25:00	0.21	23,150.99	27.31	99.27

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)
17/04/2023 16:30:00	0.11	22,796.98	26.69	99.28
17/04/2023 16:35:00	0.23	22,540.63	26.57	99.28
17/04/2023 16:40:00	0.21	23,633.17	26.55	99.26
17/04/2023 16:45:00	0.14	23,022.81	26.73	99.26
17/04/2023 16:50:00	0.25	23,041.12	26.71	99.26
17/04/2023 16:55:00	0.11	22,650.49	27.15	99.25
17/04/2023 17:00:00	0.11	22,888.53	26.52	99.26
17/04/2023 17:05:00	0.09	22,333.10	26.52	99.24
17/04/2023 17:10:00	0.11	22,778.67	26.69	99.26
17/04/2023 17:15:00	0.09	22,650.49	26.55	99.27
17/04/2023 17:20:00	0.09	23,022.81	26.71	99.27
17/04/2023 17:25:00	0.14	22,540.63	27.17	99.28
17/04/2023 17:30:00	0.11	22,412.45	27.17	99.29
17/04/2023 17:35:00	0.11	22,796.98	26.71	99.30
17/04/2023 17:40:00	0.41	0.00	26.85	99.31
17/04/2023 17:45:00	0.39	22,204.93	26.69	99.32
17/04/2023 17:50:00	0.32	21,930.27	26.87	99.33
17/04/2023 17:55:00	0.11	22,558.94	26.71	99.33
17/04/2023 18:00:00	0.30	0.00	26.41	99.32
17/04/2023 18:05:00	0.34	21,795.99	27.17	99.33
17/04/2023 18:10:00	0.18	22,058.44	26.27	99.33
17/04/2023 18:15:00	0.23	22,522.32	27.01	99.34
17/04/2023 18:20:00	0.30	21,948.58	26.25	99.35
17/04/2023 18:25:00	0.14	22,412.45	27.01	99.35
17/04/2023 18:30:00	0.11	22,632.18	26.52	99.36
17/04/2023 18:35:00	0.11	22,888.53	26.22	99.36
17/04/2023 18:40:00	0.18	22,040.13	26.55	99.38
17/04/2023 18:45:00	0.18	21,539.64	26.36	99.41
17/04/2023 18:50:00	0.09	22,522.32	26.22	99.38
17/04/2023 18:55:00	0.25	21,930.27	26.69	99.38
17/04/2023 19:00:00	0.09	22,577.25	26.38	99.42
17/04/2023 19:05:00	0.14	22,742.05	26.20	99.42
17/04/2023 19:10:00	0.07	22,296.48	26.41	99.44
17/04/2023 19:15:00	1.50	22,540.63	26.52	99.42
17/04/2023 19:20:00	0.79	22,186.62	26.25	99.44
17/04/2023 19:25:00	1.85	0.00	26.41	99.43
17/04/2023 19:30:00	0.76	23,407.34	25.80	99.42
17/04/2023 19:35:00	1.01	21,429.77	25.95	99.44
17/04/2023 19:40:00	0.41	21,814.30	25.48	99.44
17/04/2023 19:45:00	0.43	0.00	25.19	99.43
17/04/2023 19:50:00	0.32	21,832.61	25.62	99.45
17/04/2023 19:55:00	0.63	22,296.48	25.67	99.46
17/04/2023 20:00:00	0.57	22,278.17	25.04	99.46
17/04/2023 20:05:00	0.37	22,412.45	25.76	99.47
17/04/2023 20:10:00	0.23	22,650.49	25.46	99.49
17/04/2023 20:15:00	0.18	22,540.63	25.23	99.49
17/04/2023 20:20:00	0.50	22,522.32	25.46	99.48
17/04/2023 20:25:00	0.30	22,650.49	25.80	99.52
17/04/2023 20:30:00	0.83	23,096.06	25.93	99.53
17/04/2023 20:35:00	0.41	22,906.84	25.78	99.52
17/04/2023 20:40:00	0.46	22,168.31	25.32	99.53
17/04/2023 20:45:00	0.57	21,911.96	25.19	99.53
17/04/2023 20:50:00	0.46	22,540.63	25.48	99.55

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)
17/04/2023 20:55:00	0.88	22,296.48	25.37	99.55
17/04/2023 21:00:00	0.69	22,296.48	25.02	99.56
17/04/2023 21:05:00	1.69	22,058.44	25.21	99.58
17/04/2023 21:10:00	1.01	0.00	25.78	99.55
17/04/2023 21:15:00	0.72	22,540.63	25.62	99.58
17/04/2023 21:20:00	0.97	22,333.10	25.48	99.59
17/04/2023 21:25:00	1.15	21,094.07	24.90	99.59
17/04/2023 21:30:00	1.57	0.00	25.67	99.61
17/04/2023 21:35:00	1.08	22,058.44	25.51	99.59
17/04/2023 21:40:00	1.27	21,930.27	25.23	99.59
17/04/2023 21:45:00	1.57	21,966.89	25.21	99.57
17/04/2023 21:50:00	0.81	21,576.26	24.88	99.60
17/04/2023 21:55:00	0.46	22,412.45	25.04	99.58
17/04/2023 22:00:00	0.55	22,668.80	25.35	99.58
17/04/2023 22:05:00	0.97	22,296.48	24.88	99.59
17/04/2023 22:10:00	0.85	21,631.19	25.51	99.58
17/04/2023 22:15:00	0.83	22,058.44	24.74	99.60
17/04/2023 22:20:00	0.99	22,430.76	25.21	99.58
17/04/2023 22:25:00	0.83	22,168.31	24.70	99.57
17/04/2023 22:30:00	0.60	22,058.44	24.74	99.58
17/04/2023 22:35:00	1.50	21,203.94	25.02	99.61
17/04/2023 22:40:00	1.32	21,759.37	25.21	99.61
17/04/2023 22:45:00	1.25	21,594.57	25.04	99.59
17/04/2023 22:50:00	1.46	22,430.76	24.77	99.58
17/04/2023 22:55:00	1.08	0.00	24.74	99.55
17/04/2023 23:00:00	0.88	21,185.63	24.86	99.57
17/04/2023 23:05:00	1.17	22,925.15	25.19	99.56
17/04/2023 23:10:00	1.13	20,965.90	24.88	99.55
17/04/2023 23:15:00	1.30	0.00	24.72	99.53
17/04/2023 23:20:00	1.06	20,965.90	25.19	99.54
17/04/2023 23:25:00	0.79	21,313.80	24.88	99.55
17/04/2023 23:30:00	1.20	21,448.08	25.02	99.55
17/04/2023 23:35:00	1.37	21,094.07	24.88	99.55
17/04/2023 23:40:00	0.97	20,984.21	24.63	99.55
17/04/2023 23:45:00	1.20	22,021.82	25.04	99.53
17/04/2023 23:50:00	1.46	21,448.08	25.02	99.54
17/04/2023 23:55:00	0.74	21,466.39	25.35	99.52