QUANG SƠN CEMENT

V-CEMDAS

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: 23/03/2023 Tới: 23/03/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (^{o}C)	P (kPa)
23/03/2023 00:00:00	23.37	0.00	39.32	98.98
23/03/2023 00:05:00	22.42	0.00	39.60	98.98
23/03/2023 00:10:00	20.23	5,114.82	38.67	98.99
23/03/2023 00:15:00	18.56	0.00	39.14	98.97
23/03/2023 00:20:00	24.13	0.00	38.09	98.97
23/03/2023 00:25:00	16.78	0.00	38.49	98.96
23/03/2023 00:30:00	18.75	0.00	36.87	98.98
23/03/2023 00:35:00	17.01	0.00	38.09	98.98
23/03/2023 00:40:00	18.82	0.00	37.93	98.96
23/03/2023 00:45:00	19.79	0.00	37.93	98.97
23/03/2023 00:50:00	17.78	0.00	36.70	98.96
23/03/2023 00:55:00	17.98	0.00	37.77	98.97
23/03/2023 01:00:00	16.33	0.00	37.00	98.95
23/03/2023 01:05:00	16.71	0.00	36.40	98.93
23/03/2023 01:10:00	16.33	0.00	35.80	98.96
23/03/2023 01:15:00	18.38	0.00	35.52	98.95
23/03/2023 01:20:00	15.82	0.00	35.47	98.93
23/03/2023 01:25:00	14.24	0.00	35.05	98.93
23/03/2023 01:30:00	18.27	0.00	35.49	98.94
23/03/2023 01:35:00	18.96	0.00	35.65	98.93
23/03/2023 01:40:00	19.14	0.00	34.75	98.93
23/03/2023 01:45:00	16.08	0.00	36.10	98.93
23/03/2023 01:50:00	15.43	0.00	34.87	98.91
23/03/2023 01:55:00	13.69	0.00	34.29	98.93
23/03/2023 02:00:00	14.62	0.00	35.33	98.92
23/03/2023 02:05:00	13.37	0.00	35.03	98.91
23/03/2023 02:10:00	13.71	0.00	35.49	98.91
23/03/2023 02:15:00	14.29	0.00	34.89	98.93
23/03/2023 02:20:00	14.50	0.00	34.15	98.92
23/03/2023 02:25:00	12.90	0.00	34.73	98.92
23/03/2023 02:30:00	13.02	0.00	33.82	98.91
23/03/2023 02:35:00	15.11	0.00	34.42	98.91
23/03/2023 02:40:00	10.56	0.00	32.75	98.91
23/03/2023 02:45:00	11.90	0.00	32.29	98.91
23/03/2023 02:50:00	11.90	0.00	33.52	98.90
23/03/2023 02:55:00	10.07	0.00	32.45	98.89
23/03/2023 03:00:00	13.44	0.00	33.38	98.91
23/03/2023 03:05:00	11.30	0.00	32.15	98.90
23/03/2023 03:10:00	11.35	0.00	31.82	98.89
23/03/2023 03:15:00	11.46	0.00	32.45	98.90

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (^{o}C)	P (kPa)
23/03/2023 03:20:00	10.28	0.00	31.55	98.91
23/03/2023 03:25:00	11.30	0.00	31.87	98.91
23/03/2023 03:30:00	9.96	0.00	31.57	98.90
23/03/2023 03:35:00	10.93	0.00	32.15	98.87
23/03/2023 03:40:00	12.81	0.00	31.73	98.91
23/03/2023 03:45:00	11.65	0.00	31.41	98.91
23/03/2023 03:50:00	11.41	0.00	31.87	98.89
23/03/2023 03:55:00	9.35	0.00	31.27	98.92
23/03/2023 04:00:00	10.39	0.00	31.57	98.91
23/03/2023 04:05:00	9.49	0.00	31.29	98.90
23/03/2023 04:10:00	10.21	0.00	31.43	98.90
23/03/2023 04:15:00	11.76	0.00	31.57	98.91
23/03/2023 04:20:00	9.61	0.00	31.57	98.92
23/03/2023 04:25:00	9.63	0.00	31.43	98.93
23/03/2023 04:30:00	10.51	0.00	31.29	98.93
23/03/2023 04:35:00	11.79	0.00	30.82	98.93
23/03/2023 04:40:00	10.09	0.00	31.29	98.91
23/03/2023 04:45:00	8.61	0.00	30.97	98.93
23/03/2023 04:50:00	13.76	0.00	30.97	98.93
23/03/2023 04:55:00	10.67	0.00	30.99	98.94
23/03/2023 05:00:00	10.56	0.00	30.97	98.93
23/03/2023 05:05:00	9.51	0.00	30.53	98.92
23/03/2023 05:10:00	10.05	0.00	31.27	98.92
23/03/2023 05:15:00	11.63	0.00	30.97	98.93
23/03/2023 05:20:00	9.45	0.00	30.66	98.96
23/03/2023 05:25:00	9.19	0.00	30.97	98.96
23/03/2023 05:30:00	9.61	0.00	30.37	98.99
23/03/2023 05:35:00	10.00	0.00	30.34	98.99
23/03/2023 05:40:00	10.49	0.00	30.66	98.98
23/03/2023 05:45:00	9.40	0.00	30.80	99.01
23/03/2023 05:50:00	8.51	0.00	30.37	99.01
23/03/2023 05:55:00	9.19	0.00	30.34	99.02
23/03/2023 06:00:00	9.05	0.00	30.82	99.04
23/03/2023 06:05:00	8.98	0.00	30.17	99.04
23/03/2023 06:10:00	9.67	0.00	30.34	99.04
23/03/2023 06:15:00	8.29	0.00	30.80	99.03
23/03/2023 06:20:00	10.07	0.00	30.34	99.02
23/03/2023 06:25:00	10.47	0.00	29.90	99.02
23/03/2023 06:30:00	10.61	0.00	30.04	99.05
23/03/2023 06:35:00	8.49	0.00	30.50	99.04
23/03/2023 06:40:00	9.42	0.00	30.50	99.08
23/03/2023 06:45:00	14.24	74,003.20	34.03	99.03
23/03/2023 06:50:00	39.85	106,169.22	54.12	99.08
23/03/2023 06:55:00	39.38	109,529.26	56.41	99.05
23/03/2023 07:00:00	44.12	112,938.12	56.86	99.09
23/03/2023 07:05:00	41.73	112,446.78	57.13	99.22
23/03/2023 07:10:00	41.17	109,883.27	57.15	99.19
23/03/2023 07:15:00	51.25	0.00	57.46	99.17
23/03/2023 07:20:00	48.62	103,846.80	59.87	99.19
23/03/2023 07:25:00	51.08	107,747.01	60.36	99.24
23/03/2023 07:30:00	52.61	103,846.80	61.26	99.20
23/03/2023 07:35:00	56.84	108,064.39	62.36	99.21
23/03/2023 07:40:00	53.26	107,209.89	63.70	99.29
23/03/2023 07:45:00	56.47	100,263.98	64.05	99.23

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (^{o}C)	P (kPa)
23/03/2023 07:50:00	57.93	102,760.36	63.72	99.26
23/03/2023 07:55:00	55.66	106,520.18	66.28	99.27
23/03/2023 08:00:00	57.82	100,187.69	67.67	99.33
23/03/2023 08:05:00	57.18	101,591.52	65.37	99.28
23/03/2023 08:10:00	58.60	103,550.77	66.90	99.28
23/03/2023 08:15:00	55.59	99,150.07	67.35	99.31
23/03/2023 08:20:00	56.82	99,400.32	67.81	99.33
23/03/2023 08:25:00	65.29	100,987.26	69.81	99.31
23/03/2023 08:30:00	63.15	103,791.87	67.67	99.31
23/03/2023 08:35:00	62.13	100,300.60	68.93	99.31
23/03/2023 08:40:00	63.36	100,782.79	70.22	99.24
23/03/2023 08:45:00	63.97	101,832.61	70.39	99.34
23/03/2023 08:50:00	65.31	99,696.35	69.92	99.32
23/03/2023 08:55:00	62.20	104,264.90	70.99	99.28
23/03/2023 09:00:00	63.90	0.00	72.20	0.00
23/03/2023 09:05:00	63.34	100,004.58	70.24	99.22
23/03/2023 09:10:00	64.84	101,155.11	72.82	108.26
23/03/2023 09:15:00	61.62	102,436.87	74.05	0.00
23/03/2023 09:20:00	68.09	99,101.24	71.02	99.37
23/03/2023 09:25:00	63.99	102,742.05	73.29	99.43
23/03/2023 09:30:00	65.06	102,796.98	73.91	99.36
23/03/2023 09:35:00	61.01	100,865.19	71.94	99.42
23/03/2023 09:40:00	57.84	99,342.34	75.75	99.28
23/03/2023 09:45:00	60.39	102,677.96	75.56	99.33
23/03/2023 09:50:00	61.16	77,512.78	73.91	99.43
23/03/2023 09:55:00	57.84	26,562.91	73.91	99.42
23/03/2023 10:00:00	49.97	28,348.21	75.14	99.39
23/03/2023 10:05:00	59.09	24,808.12	78.95	99.37
23/03/2023 10:10:00	55.84	27,603.57	77.30	99.33
23/03/2023 10:15:00	52.19	25,049.21	76.38	99.38
23/03/2023 10:20:00	52.54	29,181.35	77.28	99.31
23/03/2023 10:25:00	52.90	26,767.38	76.70	99.39
23/03/2023 10:30:00	59.18	98,368.81	74.85	99.33
23/03/2023 10:35:00	60.30	99,595.64	76.65	99.31
23/03/2023 10:40:00	60.85	98,554.97	74.98	99.31
23/03/2023 10:45:00	67.75	0.00	73.91	99.34
23/03/2023 10:50:00	59.98	98,609.90	74.36	99.34
23/03/2023 10:55:00	59.98	98,860.15	72.11	99.34
23/03/2023 11:00:00	61.94	101,536.58	72.24	99.33
23/03/2023 11:05:00	58.65	101,145.95	73.29	99.33
23/03/2023 11:10:00	60.94	100,245.67	75.14	99.26
23/03/2023 11:15:00	58.35	96,531.62	75.27	99.30
23/03/2023 11:20:00	59.76	97,386.13	73.75	99.31
23/03/2023 11:25:00	61.01	96,140.99	74.82	99.28
23/03/2023 11:30:00	62.99	94,227.51	74.85	99.28
23/03/2023 11:35:00	65.10	98,054.47	76.96	99.28
23/03/2023 11:40:00	59.78	100,236.51	76.33	99.22
23/03/2023 11:45:00	59.25	99,324.03	77.70	99.34
23/03/2023 11:50:00	63.48	100,410.47	75.87	99.22
23/03/2023 11:55:00	64.17	105,165.18	76.45	99.19
23/03/2023 12:00:00	61.09	99,195.85	76.45	99.18
23/03/2023 12:05:00	61.65	100,227.36	77.21	99.24
23/03/2023 12:10:00	61.81	100,401.31	77.52	99.27
23/03/2023 12:15:00	65.35	102,119.48	77.52	99.25

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (^{o}C)	P (kPa)
23/03/2023 12:20:00	68.02	100,337.22	78.12	99.17
23/03/2023 12:25:00	65.84	104,005.49	76.91	99.16
23/03/2023 12:30:00	60.41	0.00	76.75	99.31
23/03/2023 12:35:00	65.13	100,032.04	77.81	99.20
23/03/2023 12:40:00	63.27	98,750.29	77.19	99.15
23/03/2023 12:45:00	66.08	101,441.98	80.86	99.20
23/03/2023 12:50:00	69.58	102,232.39	79.65	99.20
23/03/2023 12:55:00	67.66	100,273.14	77.49	99.16
23/03/2023 13:00:00	62.41	98,332.19	78.61	99.19
23/03/2023 13:05:00	63.13	94,636.45	77.81	99.27
23/03/2023 13:10:00	60.72	99,418.63	77.49	99.16
23/03/2023 13:15:00	63.71	95,091.17	78.26	99.22
23/03/2023 13:20:00	61.99	97,523.46	77.63	99.13
23/03/2023 13:25:00	58.37	97,346.46	77.94	99.13
23/03/2023 13:30:00	60.88	99,464.41	76.05	99.13
23/03/2023 13:35:00	66.45	100,077.82	75.49	99.13
23/03/2023 13:40:00	62.01	95,323.11	76.56	99.07
23/03/2023 13:45:00	60.81	101,109.33	76.56	99.07
23/03/2023 13:50:00	62.55	100,196.84	77.77	99.06
23/03/2023 13:55:00	60.14	103,678.95	77.77	99.08
23/03/2023 14:00:00	60.74	95,814.45	77.33	99.08
23/03/2023 14:05:00	63.29	100,459.30	77.19	99.10
23/03/2023 14:10:00	63.59	105,629.05	77.94	99.12
23/03/2023 14:15:00	72.50	0.00	77.94	99.03
23/03/2023 14:20:00	68.60	100,865.19	77.79	99.00
23/03/2023 14:25:00	63.01	98,704.51	77.35	98.99
23/03/2023 14:30:00	58.11	99,305.71	80.09	99.04
23/03/2023 14:35:00	64.97	92,222.48	79.30	98.99
23/03/2023 14:40:00	58.11	98,936.45	77.65	99.00
23/03/2023 14:45:00	64.13	99,827.57	80.83	99.06
23/03/2023 14:50:00	56.84	32,004.27	77.94	99.02
23/03/2023 14:55:00	56.49	101,377.89	81.79	99.11
23/03/2023 15:00:00	61.41	96,800.18	82.53	99.02
23/03/2023 15:05:00	63.10	99,055.47	81.79	99.03
23/03/2023 15:10:00	70.42	92,713.82	80.06	98.96
23/03/2023 15:15:00	63.78	93,669.03	80.09	99.07
23/03/2023 15:20:00	60.62	90,131.99	81.16	99.01
23/03/2023 15:25:00	60.32	97,172.50	79.32	99.02
23/03/2023 15:30:00	58.93	96,986.34	79.03	99.00
23/03/2023 15:35:00	58.76	92,805.37	79.14	98.96
23/03/2023 15:40:00	61.23	95,881.59	79.63	99.03
23/03/2023 15:45:00	58.51	98,869.31	79.77	98.98
23/03/2023 15:50:00	62.27	98,005.65	78.21	98.99
23/03/2023 15:55:00	57.91	98,014.80	79.00	99.03
23/03/2023 16:00:00	61.43	0.00	75.96	98.93
23/03/2023 16:05:00	58.74	91,990.54	76.26	98.91
23/03/2023 16:10:00	57.63	99,955.75	77.35	98.92
23/03/2023 16:15:00	64.59	90,086.21	77.16	98.90
23/03/2023 16:20:00	60.14	96,287.48	75.80	99.00
23/03/2023 16:25:00	58.76	93,754.48	77.79	98.95
23/03/2023 16:30:00	67.26	95,704.59	76.72	98.93
23/03/2023 16:35:00	59.95	96,623.18	75.65	98.87
23/03/2023 16:40:00	59.25	95,463.49	77.98	99.01
23/03/2023 16:45:00	64.97	96,140.99	75.68	98.84

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (°C)	P (kPa)
23/03/2023 16:50:00	59.92	98,451.21	77.35	99.01
23/03/2023 16:55:00	62.23	94,554.06	76.12	98.92
23/03/2023 17:00:00	62.29	94,367.90	77.19	98.87
23/03/2023 17:05:00	60.34	95,841.92	78.74	98.94
23/03/2023 17:10:00	61.74	92,527.66	77.37	98.91
23/03/2023 17:15:00	62.08	93,382.16	75.82	98.92
23/03/2023 17:20:00	63.41	99,363.70	75.22	98.92
23/03/2023 17:25:00	58.51	98,573.28	77.52	98.93
23/03/2023 17:30:00	62.68	41,773.10	75.10	98.93
23/03/2023 17:35:00	39.64	0.00	69.76	98.94
23/03/2023 17:40:00	46.84	0.00	63.54	98.95
23/03/2023 17:45:00	47.83	0.00	65.07	98.92
23/03/2023 17:50:00	46.09	0.00	65.35	98.93
23/03/2023 17:55:00	53.50	0.00	63.19	98.91
23/03/2023 18:00:00	48.85	0.00	62.91	98.91
23/03/2023 18:05:00	52.10	0.00	62.01	98.91
23/03/2023 18:10:00	42.12	0.00	60.96	98.93
23/03/2023 18:15:00	45.95	0.00	58.64	98.93
23/03/2023 18:20:00	51.99	0.00	58.80	98.91
23/03/2023 18:25:00	53.75	0.00	57.29	98.91
23/03/2023 18:30:00	48.13	0.00	57.27	98.91
23/03/2023 18:35:00	36.86	0.00	56.83	98.91
23/03/2023 18:40:00	45.51	0.00	56.37	98.91
23/03/2023 18:45:00	39.78	0.00	54.39	98.92
23/03/2023 18:50:00	35.93	0.00	54.09	98.91
23/03/2023 18:55:00	39.78	0.00	54.25	98.92
23/03/2023 19:00:00	42.28	0.00	53.63	98.93
23/03/2023 19:05:00	37.67	0.00	53.65	98.93
23/03/2023 19:10:00	35.42	0.00	51.51	98.93
23/03/2023 19:15:00	33.68	0.00	52.25	98.94
23/03/2023 19:20:00	33.72	0.00	50.45	98.96
23/03/2023 19:25:00	29.63	0.00	50.91	98.94
23/03/2023 19:30:00	41.27	0.00	51.07	98.95
23/03/2023 19:35:00	53.73	104,274.05	65.21	98.91
23/03/2023 19:40:00	69.00	99,223.32	73.75	98.97
23/03/2023 19:45:00	64.48	98,481.73	72.82	99.02
23/03/2023 19:50:00	63.43	99,400.32	71.31	98.99
23/03/2023 19:55:00	65.66	97,077.90	73.89	98.99
23/03/2023 20:00:00	63.41	102,323.95	73.62	99.00
23/03/2023 20:05:00	65.26	95,240.71	73.75	99.04
23/03/2023 20:10:00	63.04	102,751.20	73.91	99.07
23/03/2023 20:15:00	64.68	96,159.30	72.82	99.12
23/03/2023 20:20:00	63.43	96,891.74	72.53	99.07
23/03/2023 20:25:00	63.20	104,505.99	73.29	99.08
23/03/2023 20:30:00	66.03	99,278.25	71.76	99.11
23/03/2023 20:35:00	62.39	100,495.92	74.69	99.11
23/03/2023 20:40:00	60.32	98,918.14	71.92	99.10
23/03/2023 20:45:00	63.85	97,923.25	72.98	99.16
23/03/2023 20:50:00	66.59	94,282.44	72.55	99.18
23/03/2023 20:55:00	61.16	99,028.00	75.12	99.15
23/03/2023 21:00:00	63.20	96,531.62	75.89	99.12
23/03/2023 21:05:00	67.49	98,655.68	75.43	99.11
23/03/2023 21:10:00	68.47	96,531.62	73.47	99.18
23/03/2023 21:15:00	67.49	0.00	73.45	99.21

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (^{o}C)	P (kPa)
23/03/2023 21:20:00	65.31	99,510.19	75.12	99.11
23/03/2023 21:25:00	57.58	99,464.41	73.15	99.13
23/03/2023 21:30:00	68.63	99,400.32	73.45	99.21
23/03/2023 21:35:00	68.74	99,119.55	73.33	99.19
23/03/2023 21:40:00	68.00	103,300.53	75.61	99.19
23/03/2023 21:45:00	65.71	95,008.77	73.01	99.22
23/03/2023 21:50:00	67.05	95,500.11	76.21	99.29
23/03/2023 21:55:00	65.01	95,436.03	76.52	99.22
23/03/2023 22:00:00	70.49	95,072.86	76.21	99.23
23/03/2023 22:05:00	67.84	99,650.57	76.21	99.24
23/03/2023 22:10:00	69.28	98,414.59	73.75	99.30
23/03/2023 22:15:00	69.79	102,992.29	75.12	99.22
23/03/2023 22:20:00	68.18	95,313.95	73.01	99.17
23/03/2023 22:25:00	66.24	100,373.85	72.38	99.19
23/03/2023 22:30:00	62.76	101,777.68	72.57	99.17
23/03/2023 22:35:00	61.14	105,787.75	74.22	99.19
23/03/2023 22:40:00	64.10	102,082.86	71.04	99.15
23/03/2023 22:45:00	64.36	97,273.21	72.08	99.20
23/03/2023 22:50:00	66.51	103,233.39	72.85	99.18
23/03/2023 22:55:00	61.97	98,005.65	70.11	99.19
23/03/2023 23:00:00	62.52	0.00	70.55	99.22
23/03/2023 23:05:00	66.12	96,705.58	70.08	99.17
23/03/2023 23:10:00	66.26	100,782.79	71.15	99.07
23/03/2023 23:15:00	61.16	98,100.25	71.94	99.19
23/03/2023 23:20:00	65.15	104,756.24	71.62	99.15
23/03/2023 23:25:00	60.25	98,722.82	68.41	99.11
23/03/2023 23:30:00	63.55	101,387.05	71.48	99.13
23/03/2023 23:35:00	63.04	101,219.20	68.71	99.13
23/03/2023 23:40:00	64.13	102,137.79	70.57	99.16
23/03/2023 23:45:00	62.41	100,373.85	67.65	99.11
23/03/2023 23:50:00	62.46	99,333.18	70.99	99.13
23/03/2023 23:55:00	64.48	100,059.51	71.18	99.14