

Rocny protokol o emisiach za rok 2012

Prevadzka : Holcim a.s., Rohoznik
 Typ : cementaren
 Nazov : rotacna pec - Portlandsky cement 2
 Miesto merania : dymovod
 Datum tlace : 1.01.13

	TZL	NOx	SO2	TOC	CO	HCl	H2O	O2	Prietok	Tlak	Teplota
	konc.	konc.	konc.	konc.	konc.	konc.	konc.	konc.	MPH	MPH	MPH
Cas	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	obj. %	Nm3/hod	hPa	st. C
01	4.5	624.0	49.2	20.0	474.9	2.7	15.5	10.3	287725.1	999.3	123.5
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	3.8	551.9	98.8	19.5	501.4	7.0	15.5	11.4	292385.8	1000.5	128.8
04	5.1	509.7	79.8	21.1	469.3	6.7	16.1	11.4	292676.7	985.1	127.2
05	5.1	483.5	111.2	16.5	370.0	7.6	16.3	11.2	299694.5	993.4	132.1
06	5.7	442.8	90.8	23.9	706.1	7.7	17.3	11.1	305280.4	991.2	129.5
07	5.4	459.4	92.5	23.3	533.3	8.0	17.8	11.2	282832.4	992.1	130.9
08	2.8	549.5	107.0	24.0	375.2	9.1	16.9	11.6	186962.2	996.1	132.1
09	3.7	659.3	40.6	19.3	307.4	5.7	18.5	10.8	204858.3	993.7	125.1
10	4.4	618.3	20.5	20.7	447.3	5.8	18.3	10.5	218628.9	993.3	128.1
11	5.6	591.3	41.0	17.2	426.4	5.7	17.6	11.1	162247.0	987.9	130.2
12	3.4	578.1	15.5	23.5	629.5	2.2	16.9	10.9	215001.5	993.0	128.3

Emisie celkom [t]

01	0.8	114.8	9.4	3.7	89.3	0.5					
02	0.8	114.8	9.4	3.7	89.3	0.5					
03	1.2	171.0	18.8	5.6	136.4	1.1					
04	2.2	259.4	33.1	9.3	220.1	2.3					
05	2.9	321.6	47.5	11.5	269.7	3.3					
06	4.0	406.5	65.3	16.1	408.0	4.8					
07	4.9	477.8	80.2	19.9	495.7	6.0					
08	5.1	502.1	85.1	21.0	514.0	6.4					
09	5.5	575.4	90.6	23.2	548.3	7.1					
10	6.2	658.1	93.1	25.9	609.4	7.9					
11	6.8	725.4	97.8	27.7	650.3	9.3					
12	6.9	740.9	98.3	28.3	667.5	9.4					

Pocet SPH > 2.0 * EL + TC

01	0.0	0.0	44.0	0.0	0.0	0.0					
02	0.0	0.0	44.0	0.0	0.0	0.0					
03	0.0	0.0	102.0	0.0	0.0	2.0					
04	0.0	0.0	197.0	0.0	0.0	2.0					
05	0.0	0.0	293.0	0.0	0.0	6.0					
06	0.0	0.0	375.0	0.0	0.0	8.0					
07	1.0	0.0	457.0	0.0	0.0	19.0					
08	1.0	0.0	494.0	0.0	0.0	38.0					
09	1.0	0.0	535.0	0.0	0.0	39.0					
10	1.0	0.0	544.0	0.0	0.0	49.0					
11	1.0	0.0	573.0	0.0	0.0	71.0					
12	1.0	0.0	574.0	0.0	0.0	71.0					

Pocet PDH > 1.0 * EL + CC

01	0.0	0.0	1.0	0.0	0.0	0.0					
02	0.0	0.0	1.0	0.0	0.0	0.0					
03	0.0	0.0	1.0	0.0	0.0	0.0					
04	0.0	0.0	1.0	0.0	0.0	0.0					
05	0.0	0.0	1.0	0.0	0.0	0.0					
06	0.0	0.0	1.0	0.0	0.0	0.0					
07	0.0	0.0	1.0	0.0	0.0	0.0					
08	0.0	0.0	1.0	0.0	0.0	0.0					
09	0.0	0.0	1.0	0.0	0.0	0.0					
10	0.0	0.0	1.0	0.0	0.0	0.0					
11	0.0	0.0	1.0	0.0	0.0	0.0					
12	0.0	0.0	1.0	0.0	0.0	0.0					

Pocet SPH v prevadzke, v chybe, v udrzbe a nabehu

OK	13271.	13276.	13276.	13278.	13276.	13276.					
T/X	250.0	234.0	234.0	235.0	234.0	234.0					
M	0.0	377.0	377.0	377.0	377.0	377.0					
S	1764.0	1761.0	1761.0	1760.0	1761.0	1761.0					

Tabulka symbolov

A	Konc./Obj.prietok > EL	-	Vypnuta prevadzka
a	Konc./Obj.prietok > EL + CC	<	Menej ako 2/3 platnych udajov
B	Konc./Obj.prietok > 1.2*EL	M	Kanal je v udrzbe
b	Konc./Obj.prietok > 1.2*EL + CC	K	Kalibracia kanalu
C	Konc./Obj.prietok > 2.0*EL	X	Nedostatok udajov
c	Konc./Obj.prietok > 2.0*EL + CC	R	Nahradna hodnota
G	Denna hodnota Konc./Obj.prietoku > EL	N	Bez dat
g	Denna hodnota Konc./Obj.prietoku > EL + CC		
S	Nabeh prevadzky	T	Chyba komunikacie
DPH	Denna priemerna hodnota	MPH	Mesacna priemerna hodnota

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TZL	NOx	SO2	TOC	CO	HCl	H2O	O2	Prietok	Tlak	Teplota	
konc.	konc.	konc.	konc.	konc.	konc.	konc.	konc.	MPH	MPH	MPH	
Cas	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	obj. %	Nm3/hod	hPa	st. C	
01	1.8	760.4	247.5	4.2	46.5	7.1	18.2	11.1	66425.4	960.2	183.0
02	3.3	737.4	239.0	4.1	59.7	6.2	17.4	11.5	68024.6	964.5	181.0
03	9.4	756.0	226.7	3.0	32.9	7.8	18.4	11.5	68661.9	960.7	181.4
04	9.7	756.9	251.7	4.4	37.1	5.7	18.3	11.6	68164.9	945.2	178.7
05	9.2	759.1	226.1	4.9	48.4	4.8	19.6	11.3	68187.0	952.1	176.0
06	9.2	726.0	207.4	5.1	80.8	4.2	16.8	11.8	70951.2	950.8	176.4
07	9.7	743.2	243.8	4.4	55.6	7.0	18.0	12.1	70459.7	953.3	176.9
08	9.0	766.3	254.0	4.6	52.8	6.7	18.8	11.5	69952.9	954.1	179.1
09	9.3	779.0	264.4	4.4	36.9	5.8	18.2	11.8	70472.5	952.2	176.8
10	9.0	804.1	227.3	5.4	52.6	6.8	17.9	11.6	68729.3	952.4	176.3
11	8.2	773.8	232.2	5.8	52.5	9.1	16.2	12.1	67018.2	956.9	179.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Emisie celkom [t]

01	0.0	14.0	4.5	0.1	1.0	0.1					
02	0.1	28.2	9.2	0.2	2.2	0.2					
03	0.3	42.9	13.6	0.2	2.9	0.4					
04	0.6	71.1	23.4	0.4	4.4	0.6					
05	1.0	102.5	32.9	0.6	6.4	0.8					
06	1.4	131.8	41.3	0.8	9.6	1.0					
07	1.8	158.2	50.3	1.0	11.6	1.2					
08	2.2	190.9	61.3	1.2	13.8	1.5					
09	2.5	222.1	72.1	1.4	15.3	1.8					
10	2.9	251.9	80.7	1.6	17.2	2.0					
11	3.1	269.2	86.0	1.7	18.4	2.2					
12	3.1	269.2	86.0	1.7	18.4	2.2					

Pocet SPH > 2.0 * EL + TC

01	0.0	0.0	30.0	0.0	0.0	0.0					
02	1.0	0.0	73.0	0.0	0.0	0.0					
03	1.0	0.0	110.0	0.0	0.0	0.0					
04	1.0	0.0	208.0	0.0	0.0	2.0					
05	1.0	0.0	265.0	0.0	0.0	2.0					
06	1.0	1.0	322.0	2.0	0.0	3.0					
07	1.0	1.0	376.0	2.0	0.0	6.0					
08	1.0	1.0	418.0	2.0	0.0	7.0					
09	1.0	1.0	463.0	2.0	0.0	7.0					
10	2.0	2.0	513.0	4.0	0.0	7.0					
11	2.0	2.0	537.0	4.0	0.0	18.0					
12	2.0	2.0	537.0	4.0	0.0	18.0					

Pocet PDH > 1.0 * EL + CC

01	0.0	0.0	0.0	0.0	0.0	0.0					
02	0.0	0.0	2.0	0.0	0.0	0.0					
03	0.0	0.0	2.0	0.0	0.0	0.0					
04	0.0	0.0	3.0	0.0	0.0	0.0					
05	0.0	0.0	3.0	0.0	0.0	0.0					
06	0.0	0.0	3.0	0.0	0.0	0.0					
07	0.0	0.0	4.0	0.0	0.0	0.0					
08	0.0	0.0	4.0	0.0	0.0	0.0					
09	0.0	0.0	4.0	0.0	0.0	0.0					
10	0.0	0.0	4.0	0.0	0.0	0.0					
11	0.0	0.0	4.0	0.0	0.0	0.0					
12	0.0	0.0	4.0	0.0	0.0	0.0					

Pocet SPH v prevadzke, v chybe, v udrzbe a nabehu

OK	13003.	13004.	13004.	13005.	13004.	13004.					
T/X	436.0	10.0	10.0	63.0	10.0	10.0					
M	37.0	561.0	561.0	14.0	561.0	561.0					
S	600.0	624.0	624.0	608.0	624.0	624.0					

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B	Konc./Obj.prietok > 1.2*EL	M	Kanal je v udrzbe
b	Konc./Obj.prietok > 1.2*EL + CC	K	Kalibracia kanalu
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c	Konc./Obj.prietok > 2.0*EL + CC	R	Nahradna hodnota
g	Denna hodnota Konc./Obj.prietoku > EL	N	Bez dat
G	Denna hodnota Konc./Obj.prietoku > EL + CC		
S	Nabeh prevadzky	T	Chyba komunikacie
DPH	Denna priemerna hodnota	MPH	Mesacna priemerna hodnota