

Rocny protokol o emisiach za rok 2014

Prevadzka : Holcim a.s., Rohoznik
 Typ : cementaren
 Nazov : rotacna pec - Portlandsky cement 2
 Miesto merania : dymovod
 Datum tlace : 26.01.15

	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	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	17085.9	997.4	8.6
02	6.4	498.6	159.1	41.6	668.1	8.0	15.1	9.8	333941.3	994.4	121.0
03	4.0	564.8	32.5	24.0	532.7	7.9	14.0	10.5	211865.6	994.4	117.8
04	1.5	602.2	33.9	28.2	429.8	9.6	13.8	11.6	179724.0	996.3	121.9
05	0.3	646.4	24.2	14.5	328.1	9.5	11.3	12.4	371529.4	995.5	118.5
06	25.8	632.3	41.3	17.9	461.1	10.1	6.5	13.4	207338.6	998.2	78.0
07	12.9	501.8	32.3	11.9	518.1	9.1	14.5	12.2	361252.5	996.5	126.2
08	10.5	394.0	27.5	9.2	386.5	7.6	14.3	12.2	370058.9	993.7	123.5
09	19.1	457.3	26.1	14.3	237.7	6.6	12.9	11.0	303054.4	1001.9	126.0
10	19.9	445.4	30.1	16.5	384.5	8.4	8.3	12.9	389223.8	1002.7	68.9
11	21.4	494.4	52.4	19.1	483.6	7.0	11.9	10.7	363382.4	1003.5	118.6
12	55.1	544.7	21.2	20.3	544.2	5.6	7.6	12.4	244144.3	1010.3	77.9

Emisie celkom [t]

01	0.0	0.0	0.0	0.0	0.0	0.0					
02	0.9	90.0	29.1	8.1	161.7	2.6					
03	1.1	163.5	34.5	11.4	235.5	3.9					
04	1.3	223.5	38.1	14.2	278.9	5.0					
05	1.3	355.8	43.9	17.3	355.0	7.2					
06	3.3	415.3	49.5	19.4	412.7	8.6					
07	6.0	526.4	57.5	22.0	525.3	10.9					
08	8.1	609.5	64.8	24.0	612.4	12.8					
09	11.2	699.0	70.9	26.7	658.4	14.2					
10	12.9	735.5	74.2	28.1	687.3	15.5					
11	17.5	844.0	87.5	32.3	795.1	17.6					
12	24.8	925.9	91.1	35.0	855.5	18.8					

Pocet SPH > 2.0 * EL + TC

01	0.0	0.0	0.0	0.0	0.0	0.0					
02	2.0	0.0	94.0	0.0	0.0	20.0					
03	4.0	0.0	125.0	0.0	0.0	54.0					
04	5.0	0.0	157.0	0.0	0.0	137.0					
05	5.0	0.0	188.0	0.0	0.0	260.0					
06	10.0	0.0	206.0	0.0	0.0	280.0					
07	11.0	0.0	277.0	0.0	0.0	410.0					
08	11.0	0.0	344.0	0.0	0.0	458.0					
09	12.0	0.0	366.0	0.0	0.0	489.0					
10	13.0	0.0	369.0	0.0	0.0	500.0					
11	13.0	0.0	400.0	0.0	0.0	525.0					
12	174.0	0.0	406.0	0.0	0.0	536.0					

Pocet PDH > 1.0 * EL + CC

01	0.0	0.0	0.0	0.0	0.0	0.0					
02	1.0	0.0	3.0	0.0	0.0	0.0					
03	1.0	0.0	3.0	0.0	0.0	2.0					
04	1.0	0.0	5.0	0.0	0.0	4.0					
05	1.0	0.0	5.0	0.0	0.0	7.0					
06	4.0	0.0	6.0	0.0	0.0	10.0					
07	4.0	0.0	6.0	0.0	0.0	12.0					
08	4.0	0.0	6.0	0.0	0.0	12.0					
09	4.0	0.0	6.0	0.0	0.0	12.0					
10	4.0	0.0	6.0	0.0	0.0	12.0					
11	4.0	0.0	6.0	0.0	0.0	12.0					
12	7.0	0.0	6.0	0.0	0.0	12.0					

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

OK	13408.	13408.	13408.	13408.	13408.	13408.					
T/X	145.0	241.0	241.0	240.0	241.0	241.0					
M	41.0	240.0	240.0	243.0	240.0	240.0					
S	3642.0	3345.0	3345.0	3344.0	3345.0	3345.0					

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	mg/Nm3	obj. %	Nm3/hod	hPa	st. C
01	36.0	735.0	160.3	4.4	21.1	6.7	17.2	11.6	69727.8	948.8	179.6
02	10.2	731.5	201.7	4.9	19.1	6.7	16.8	11.4	68841.6	948.8	179.8
03	2.2	737.1	213.3	5.4	25.8	6.4	19.3	11.2	67745.6	952.4	179.1
04	2.4	744.5	206.8	5.2	24.3	5.7	19.8	11.6	67601.1	950.3	178.6
05	2.4	751.1	221.0	4.9	17.8	6.6	19.4	11.3	68538.6	949.0	181.5
06	2.1	754.2	199.6	4.9	14.5	7.0	19.7	11.1	66546.6	953.1	180.5
07	2.4	751.8	194.2	5.4	16.2	5.0	20.6	12.1	65107.8	953.3	178.2
08	2.1	735.5	217.6	3.4	10.2	3.8	19.7	11.6	67630.0	952.6	181.1
09	2.0	740.0	161.2	2.5	13.8	2.8	20.3	11.4	64770.9	959.0	180.0
10	2.5	720.8	95.9	4.4	15.0	2.6	20.3	11.5	59591.7	967.5	170.7
11	1.6	760.5	197.8	4.6	21.3	4.4	19.1	11.2	65864.3	959.0	175.4
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	0.9	19.3	4.1	0.1	0.5	0.2					
02	1.1	34.1	8.2	0.2	0.9	0.3					
03	1.2	52.4	12.7	0.4	1.6	0.5					
04	1.3	81.6	21.0	0.6	2.6	0.7					
05	1.4	114.2	30.6	0.8	3.3	1.0					
06	1.4	139.5	37.3	0.9	3.8	1.2					
07	1.5	165.5	44.1	1.1	4.4	1.4					
08	1.6	185.5	50.1	1.2	4.7	1.5					
09	1.6	214.7	56.5	1.3	5.2	1.6					
10	1.7	223.9	57.7	1.4	5.4	1.7					
11	1.7	254.2	65.6	1.6	6.3	1.8					
12	1.7	254.2	65.6	1.6	6.3	1.8					

Pocet SPH > 2.0 * EL + TC

01	24.0	0.0	14.0	0.0	0.0	7.0					
02	24.0	3.0	31.0	1.0	0.0	10.0					
03	24.0	3.0	42.0	1.0	0.0	10.0					
04	24.0	3.0	59.0	1.0	0.0	11.0					
05	25.0	3.0	72.0	3.0	0.0	26.0					
06	25.0	3.0	79.0	3.0	0.0	37.0					
07	25.0	3.0	92.0	3.0	0.0	40.0					
08	25.0	3.0	94.0	3.0	0.0	43.0					
09	25.0	3.0	105.0	3.0	0.0	43.0					
10	25.0	3.0	110.0	9.0	0.0	43.0					
11	25.0	3.0	118.0	9.0	0.0	45.0					
12	25.0	3.0	118.0	9.0	0.0	45.0					

Pocet PDH > 1.0 * EL + CC

01	4.0	0.0	0.0	0.0	0.0	0.0					
02	4.0	0.0	0.0	0.0	0.0	0.0					
03	4.0	0.0	0.0	0.0	0.0	0.0					
04	4.0	0.0	0.0	0.0	0.0	0.0					
05	4.0	0.0	0.0	0.0	0.0	0.0					
06	4.0	0.0	0.0	0.0	0.0	1.0					
07	4.0	0.0	0.0	0.0	0.0	1.0					
08	4.0	0.0	0.0	0.0	0.0	1.0					
09	4.0	0.0	0.0	0.0	0.0	1.0					
10	4.0	0.0	0.0	0.0	0.0	1.0					
11	4.0	0.0	0.0	0.0	0.0	1.0					
12	4.0	0.0	0.0	0.0	0.0	1.0					

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

OK	12440.	12441.	12441.	12440.	12441.	12441.					
T/X	114.0	115.0	115.0	35.0	115.0	115.0					
M	8.0	298.0	298.0	31.0	298.0	298.0					
S	804.0	713.0	713.0	790.0	713.0	713.0					

Tabulka symbolov

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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
c	Konc./Obj.prietok > 2.0*EL	X	Medostatok 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