

# Rocny protokol o emisiach za rok 2011

Prevadzka : Holcim a.s., Rohoznik  
 Typ : cementaren  
 Nazov : rotacna pec - Portlandsky cement 2  
 Miesto merania : dymovod  
 Datum tlace : 2.01.12

	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	1.3	484.6	38.3	27.3	743.8	2.0	16.8	10.3	301733.0	1007.3	113.2
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	1.8	424.3	20.6	13.1	475.8	7.0	17.4	9.6	309376.4	1005.8	113.6
04	2.0	391.6	44.9	34.2	1067.5	7.6	18.6	8.1	320292.6	1001.4	111.8
05	2.1	488.8	26.4	31.4	864.7	7.7	19.0	9.2	320237.8	1001.4	110.9
06	2.5	446.2	17.8	37.3	1204.9	8.4	19.0	8.8	335437.6	1000.9	115.7
07	3.6	487.1	10.4	42.1	1407.9	1.5	18.5	9.2	332557.4	980.5	118.7
08	3.9	492.5	33.4	37.1	1176.6	2.9	18.2	9.3	328408.7	998.0	122.6
09	3.5	406.8	28.4	31.4	998.1	2.7	17.5	8.6	329779.4	996.2	121.8
10	4.1	428.3	33.4	32.9	999.1	3.9	17.3	9.0	334780.2	999.7	121.9
11	6.7	575.5	40.2	21.0	481.6	3.3	15.6	10.4	306439.2	1006.8	125.0
12	5.5	596.8	40.3	24.1	607.8	2.7	15.1	9.9	297591.4	1000.5	120.7

## Emisie celkom [t]

01	0.3	86.8	7.2	5.0	137.0	0.4					
02	0.3	86.8	7.2	5.0	137.0	0.4					
03	0.5	123.5	9.0	6.2	180.1	1.0					
04	1.0	195.7	17.6	12.6	378.8	2.4					
05	1.5	300.6	25.2	19.3	561.2	4.2					
06	2.0	387.9	28.8	26.7	800.1	5.9					
07	2.9	485.0	30.8	35.2	1083.1	6.2					
08	3.8	594.7	38.2	43.6	1353.1	6.9					
09	4.6	679.3	43.9	50.3	1564.6	7.4					
10	5.3	752.2	49.7	56.0	1738.4	8.1					
11	6.7	868.3	57.8	60.3	1837.3	8.8					
12	7.4	934.2	62.5	63.0	1905.3	9.1					

## Pocet SPH > 2.0 \* EL + TC

01	0.0	0.0	24.0	0.0	0.0	3.0					
02	0.0	0.0	24.0	0.0	0.0	3.0					
03	0.0	0.0	26.0	0.0	0.0	17.0					
04	0.0	0.0	72.0	0.0	0.0	38.0					
05	1.0	0.0	88.0	0.0	0.0	46.0					
06	1.0	0.0	110.0	0.0	0.0	47.0					
07	1.0	0.0	112.0	0.0	0.0	47.0					
08	1.0	0.0	131.0	3.0	0.0	47.0					
09	1.0	0.0	166.0	3.0	0.0	47.0					
10	1.0	0.0	183.0	3.0	0.0	47.0					
11	2.0	0.0	216.0	3.0	0.0	47.0					
12	2.0	0.0	236.0	3.0	0.0	47.0					

## Pocet PDH > 1.0 \* EL + CC

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

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

OK	14464.	14464.	14464.	14462.	14464.	14464.					
T/X	158.0	469.0	469.0	467.0	469.0	469.0					
M	3.0	597.0	597.0	597.0	597.0	597.0					
S	2123.0	1836.0	1836.0	1834.0	1836.0	1836.0					

## 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

# Rocny protokol o emisiach za rok 2011

Prevadzka : Holcim a.s., Rohoznik  
 Typ : cementaren  
 Nazov : rotačna pec - Biely cement  
 Miesto merania : dymovod  
 Datum tlace : 2.01.12

	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	0.0	0.0	0.0	0.0	0.0
02	1.0	670.4	147.1	7.5	83.0	7.8	16.8	11.9	65971.6	958.2	179.1
03	1.1	710.8	147.0	7.7	107.1	4.5	17.1	11.7	62917.0	965.0	179.3
04	1.5	704.6	224.7	6.9	76.1	7.4	18.5	11.3	70045.8	952.9	183.3
05	1.5	750.4	210.6	6.6	107.7	8.6	19.1	11.4	67342.9	955.3	186.3
06	1.5	737.8	171.2	6.3	70.9	8.5	19.8	11.0	64468.3	953.7	185.1
07	2.3	709.2	196.6	4.4	58.2	6.8	19.6	11.3	68083.0	949.5	184.9
08	3.3	734.4	123.2	4.5	51.6	4.6	19.8	11.3	64622.7	956.7	183.7
09	3.1	754.5	198.3	4.7	62.9	7.6	20.0	11.2	66876.2	956.8	187.2
10	5.4	774.0	219.0	4.6	75.7	5.8	18.2	11.2	66900.5	963.0	184.6
11	5.6	765.3	223.7	5.0	94.1	6.2	17.8	11.2	67302.9	962.8	187.2
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	23.2	4.9	0.3	2.8	0.2	0.2	0.0	0.0	0.0	0.0
03	0.1	31.9	6.7	0.4	4.2	0.3	0.3	0.0	0.0	0.0	0.0
04	0.1	61.1	16.1	0.7	7.4	0.7	0.7	0.0	0.0	0.0	0.0
05	0.2	93.2	25.3	0.9	12.0	1.0	1.0	0.0	0.0	0.0	0.0
06	0.2	121.9	32.1	1.2	14.8	1.4	1.4	0.0	0.0	0.0	0.0
07	0.3	146.6	39.0	1.4	16.8	1.6	1.6	0.0	0.0	0.0	0.0
08	0.4	173.9	43.8	1.5	18.8	1.8	1.8	0.0	0.0	0.0	0.0
09	0.6	204.0	51.7	1.7	21.2	2.1	2.1	0.0	0.0	0.0	0.0
10	0.8	230.0	59.1	1.9	23.7	2.3	2.3	0.0	0.0	0.0	0.0
11	0.9	250.7	65.3	2.0	26.2	2.4	2.4	0.0	0.0	0.0	0.0
12	0.9	250.7	65.3	2.0	26.2	2.4	2.4	0.0	0.0	0.0	0.0

## Pocet SPH > 2.0 \* EL + TC

01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	9.0	0.0	0.0	16.0	16.0	0.0	0.0	0.0	0.0
03	0.0	0.0	16.0	0.0	0.0	17.0	17.0	0.0	0.0	0.0	0.0
04	0.0	0.0	51.0	0.0	0.0	18.0	18.0	0.0	0.0	0.0	0.0
05	0.0	0.0	78.0	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0
06	0.0	0.0	101.0	0.0	0.0	39.0	39.0	0.0	0.0	0.0	0.0
07	0.0	0.0	135.0	0.0	0.0	40.0	40.0	0.0	0.0	0.0	0.0
08	0.0	0.0	151.0	0.0	0.0	41.0	41.0	0.0	0.0	0.0	0.0
09	0.0	0.0	186.0	1.0	0.0	42.0	42.0	0.0	0.0	0.0	0.0
10	0.0	0.0	215.0	1.0	0.0	42.0	42.0	0.0	0.0	0.0	0.0
11	0.0	0.0	239.0	1.0	0.0	42.0	42.0	0.0	0.0	0.0	0.0
12	0.0	0.0	239.0	1.0	0.0	42.0	42.0	0.0	0.0	0.0	0.0

## Pocet PDH > 1.0 \* EL + CC

01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
03	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
04	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
06	0.0	1.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
07	0.0	1.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
08	0.0	1.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
09	0.0	1.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
10	0.0	2.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
11	0.0	2.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
12	0.0	2.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0

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

OK	12525.	12527.	12527.	12528.	12527.	12527.
T/X	7.0	36.0	36.0	23.0	36.0	36.0
M	3.0	349.0	349.0	10.0	349.0	349.0
S	997.0	978.0	978.0	990.0	978.0	978.0

## 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