

## Mesačný protokol emisných hodnôt za mesiac 10/2020

Prevádzkovateľ: CRH Meracie miesto: 422 Zdroj: RP PC Kód: 0601  
 ID oprávnených osôb: operator Celkový čas prevádzky systému: 715hod 53min Tlačené dňa: 01.11.2020 Strana: 1/5

Veličina	CO <sub>r</sub>			NO <sub>xr</sub>			SO <sub>2r</sub>			HCl <sub>r</sub>			TOC <sub>r</sub>			Pozn.
	mg/m <sup>3</sup> N	kg/deň	mg/m <sup>3</sup> N	mg/m <sup>3</sup> N	kg/deň	mg/m <sup>3</sup> N	mg/m <sup>3</sup> N	kg/deň	mg/m <sup>3</sup> N	mg/m <sup>3</sup> N	kg/deň	mg/m <sup>3</sup> N	kg/deň	mg/m <sup>3</sup> N		
EL(tradičné)				500.00			300.00									
EL(alternatívne)				500.00			50.00			10.00				30.00		
l(%)	10			20			20			40				30		
Dátum	PDH	MZLd	EL <sub>pdh</sub>	PDH	MZLd	EL <sub>pdh</sub>	PDH	MZLd	EL <sub>pdh</sub>	PDH	MZLd	EL <sub>pdh</sub>	PDH	MZLd	EL <sub>pdh</sub>	
01.10.2020	6777.58	-	-	435.33	3284.50	500.00	3.10	26.47	50.00	10.31	77.28	10.00	19.09	144.04	30.00	
02.10.2020	4075.17	-	-	467.84	3469.33	500.00	2.21	19.54	50.00	10.58	79.75	10.00	17.38	129.50	30.00	
03.10.2020	3650.81	-	-	451.74	3275.50	500.00	5.60	44.28	50.00	8.03	58.36	10.00	21.70	157.61	30.00	
04.10.2020	4014.92	-	-	458.84	3329.03	500.00	0.37	5.20	50.00	8.11	59.17	10.00	20.51	148.44	30.00	
05.10.2020	5304.07	-	-	473.21	3616.67	500.00	1.05	10.64	50.00	7.29	56.15	10.00	19.78	152.90	30.00	
06.10.2020	4238.76	-	-	474.58	3531.97	500.00	2.63	22.04	50.00	10.27	76.41	10.00	24.08	179.16	30.00	
07.10.2020	4839.42	-	-	460.59	3463.05	500.00	23.51	205.72	50.00	12.36	96.20	10.00	23.10	171.15	30.00	
08.10.2020	5303.97	-	-	463.20	3541.81	500.00	16.75	127.24	50.00	11.03	84.21	10.00	19.12	146.28	30.00	
09.10.2020	4250.71	-	-	464.29	3539.81	500.00	15.83	147.28	50.00	13.60	116.81	10.00	20.88	158.21	30.00	
10.10.2020	6478.63	-	-	455.56	3483.87	500.00	1.82	16.15	50.00	8.74	68.70	10.00	26.03	193.94	30.00	
11.10.2020	8616.54	-	-	450.33	3531.30	500.00	4.79	38.65	50.00	7.85	61.61	10.00	25.05	194.28	30.00	
12.10.2020	5656.57	-	-	447.11	3147.79	500.00	11.46	92.90	50.00	18.51Q	128.41	10.00	25.75	178.49	30.00	
13.10.2020	4957.92	-	-	466.67	3718.06	500.00	6.23	42.90	50.00	9.77	101.26	10.00	15.29	159.64	30.00	
14.10.2020	4724.67	-	-	465.63	3501.58	500.00	1.74	15.40	50.00	14.03	104.26	10.00	18.40	138.83	30.00	
15.10.2020	7657.98	-	-	435.73	3418.82	500.00	8.42	66.56	50.00	17.46Q	134.63	10.00	20.74	163.66	30.00	
16.10.2020	5898.67	-	-	451.27	3514.28	500.00	2.52	22.62	50.00	13.34	102.63	10.00	20.30	159.38	30.00	
17.10.2020	7310.70	-	-	432.93	3445.52	500.00	2.98	26.68	50.00	11.56	91.04	10.00	26.44	209.01	30.00	
18.10.2020	5274.75	-	-	454.95	3549.93	500.00	0.71	10.14	50.00	9.29	74.17	10.00	28.50	221.07	30.00	
19.10.2020	6166.98	-	-	455.98	3629.88	500.00	2.51	22.28	50.00	10.91	87.12	10.00	27.35	214.18	30.00	
20.10.2020	4705.97	-	-	461.90	3607.70	500.00	3.19	26.76	50.00	9.47	73.98	10.00	26.21	204.11	30.00	
21.10.2020	6656.14	-	-	401.35	3170.29	500.00	19.38	151.13	50.00	11.13	87.08	10.00	31.30	239.91	30.00	
22.10.2020	4945.52	-	-	434.35	3258.96	500.00	11.80	102.25	50.00	12.26	92.08	10.00	28.41	207.78	30.00	
23.10.2020	3802.05	-	-	464.85	3514.55	500.00	8.78	66.35	50.00	12.95	95.60	10.00	22.01F	159.33	30.00	
24.10.2020	3489.50	-	-	440.53	3297.97	500.00	6.13	47.08	50.00	12.43	92.26	10.00	20.86	156.58	30.00	
25.10.2020	2816.96	-	-	453.77	3461.62	500.00	23.47	221.19	50.00	14.03	109.96	10.00	18.24	140.58	30.00	
26.10.2020	4005.56	-	-	441.24	3391.69	500.00	31.62	239.61	50.00	15.52Q	117.58	10.00	18.53	142.62	30.00	
27.10.2020	4094.14	-	-	441.70	3385.88	500.00	6.46	51.46	50.00	12.35	93.82	10.00	19.22	148.30	30.00	
28.10.2020	4553.38	-	-	399.76	2251.39	500.00	9.37	57.50	50.00	11.96	66.82	10.00	22.41	126.72	30.00	
29.10.2020	149.96	-	-	109.76	-	-	-	2.66	-	-	2.95	-	-	6.14	-	
30.10.2020	2308.13	-	-	1925.65	-	-	-	67.01	-	-	54.41	-	-	112.26	-	
31.10.2020	2871.26	-	-	445.62	2249.05	500.00	2.35	34.13	50.00	10.61	55.96	10.00	30.49	134.26	30.00	
PMH	-	5158.53		449.96	3435.08		8.30	69.99		11.63	89.68		22.57	172.36		
MZLm v t	149.597			99.617			2.030			2.601			4.998			
MZLm < EL	149.597			99.617			2.030			2.220			4.998			
MZLm > EL	0.000			0.000			0.000			0.381			0.000			
n PPH < EL+I	0/0%			1192/100%			1192/100%			1192/100%			1180/100%			
n PPH > EL+I	0/0%			0/0%			0/0%			0/0%			0/0%			
n PPH > 1.2*EL+I	0/0%			0/0%			0/0%			0/0%			0/0%			
n PPH > 2*EL+I	0/0%			0/0%			0/0%			0/0%			0/0%			
n platných PPH	0/0%			1192/96%			1192/96%			1192/96%			1180/95%			
n neplatných PPH	56/100%			56/4%			56/4%			56/4%			68/5%			
n nahradených PPH	0/0%			0/0%			0/0%			0/0%			0/0%			
n PDH < EL+I	29/100%			29/100%			29/100%			26/90%			28/100%			
n PDH > EL+I	0/0%			0/0%			0/0%			3/10%			0/0%			
n platných PDH	29			29			29			29			28			
n neplatných PDH	0			0			0			0			1			
Min PPH	78.79			162.01			0.00			4.59			1.44			
Max PPH	2956.95			547.68			240.06			38.88			86.47			
Min PDH				399.76			0.37			7.29			15.29			
Max PDH				474.58			31.62			18.51			31.30			
EQ	0.00			0.00			0.00			0.00			0.00			

## Vysvetlivky:

PDH < EL+I  
 F - neplatná  
 Q - PDH > EL+I  
 A - n(PPH > EL+I)>0  
 L - n(PPH > 1.2\*EL+I)>0  
 X - n(PPH > 2\*EL+I)>0

PDH - priemerná denná hodnota  
 EL - Emisný limit  
 I - Interval spoľahlivosti  
 EQ - Emisný kvocient

PPH - Polhodinová priemerná hodnota  
 PMH - priemerná mesačná hodnota  
 MZLd - Množstvo znečisťujúcich látok za deň v kg  
 MZLm - Množstvo znečisťujúcich látok za mesiac v tonách  
 MZLm <EL - MZL za mesiac pri dodržanom EL  
 MZLm >EL - MZL za mesiac pri nedodržanom EL

## Mesačný protokol emisných hodnôt za mesiac 10/2020

Prevádzkovateľ: CRH Meracie miesto: 422 Zdroj: RP PC Kód: 0601  
 ID oprávnených osôb: operator Celkový čas prevádzky systému: 715hod 53min Tlačené dňa: 01.11.2020 Strana : 3/5

Veľičina	TZLr			NH3r			O2	ObPr	O2ref	Pozn.
	Jednotka	mg/m <sup>3</sup> N	kg/deň	mg/m <sup>3</sup> N	kg/deň	mg/m <sup>3</sup> N	obj%	Nm3/h	%	
EL(tradičné)	20.00			50.00						
EL(alternatívne)	20.00			50.00						
I(%)	30			40						
Dátum	PDH	MZLd	EL <sub>pdh</sub>	PDH	MZLd	EL <sub>pdh</sub>	PDH	PDH	PDH	
01.10.2020	2.31	17.54	20.00	3.98	29.36	50.00	12.28	400951.39	10.00	
02.10.2020	2.63	19.91	20.00	3.97	29.66	50.00	12.35	398108.81	10.00	
03.10.2020	3.09	22.42	20.00	2.68	18.95	50.00	12.39	387522.59	10.00	
04.10.2020	2.82	20.73	20.00	2.74	19.72	50.00	12.40	388812.56	10.00	
05.10.2020	2.84	21.89	20.00	2.48	18.63	50.00	12.16	400710.56	10.00	
06.10.2020	2.05	15.45	20.00	4.25	31.11	50.00	12.40	401050.74	10.00	
07.10.2020	2.68	20.47	20.00	5.18	38.63	50.00	12.31	401418.83	10.00	
08.10.2020	2.34	18.18	20.00	3.72	28.02	50.00	12.33	409069.45	10.00	
09.10.2020	2.58	19.79	20.00	5.10	41.88	50.00	12.50	417086.37	10.00	
10.10.2020	2.58	19.75	20.00	3.60	28.10	50.00	12.20	403396.15	10.00	
11.10.2020	3.19	25.30	20.00	3.08	23.62	50.00	12.08	406975.59	10.00	
12.10.2020	2.50	17.74	20.00	2.58	19.06	50.00	12.95	379895.20	10.08	
13.10.2020	2.94	20.23	20.00	1.66	28.82	50.00	12.27	408124.68	10.00	
14.10.2020	2.28	17.62	20.00	1.12	8.53	50.00	12.19	395248.33	10.00	
15.10.2020	2.50F	11.57	20.00	3.84	29.63	50.00	11.91	400232.13	10.00	
16.10.2020	2.54F	15.67	20.00	3.76	28.59	50.00	12.05	405652.51	10.00	
17.10.2020	2.23	18.13	20.00	2.50	19.58	50.00	11.89	406701.73	10.00	
18.10.2020	2.45	19.81	20.00	3.02	23.68	50.00	11.95	406837.10	10.00	
19.10.2020	2.30	18.35	20.00	3.29	25.78	50.00	11.93	408977.28	10.00	
20.10.2020	2.41	18.91	20.00	2.38	18.41	50.00	12.15	409648.84	10.00	
21.10.2020	2.15	17.17	20.00	2.59	20.13	50.00	12.09	409027.25	10.00	
22.10.2020	1.66	13.32	20.00	3.67	26.40	50.00	12.28	397611.91	10.00	
23.10.2020	2.05	15.72	20.00	3.48	25.33	50.00	12.24	401681.81	10.00	
24.10.2020	2.11	15.98	20.00	3.65	26.89	50.00	12.19	393167.66	10.00	
25.10.2020	1.90	15.21	20.00	3.48	27.31	50.00	12.33	406951.91	10.00	
26.10.2020	1.82	14.12	20.00	2.19	16.72	50.00	12.15	401888.21	10.00	
27.10.2020	2.31	17.87	20.00	2.52	19.07	50.00	12.17	401933.35	10.00	
28.10.2020	2.31	13.51	20.00	3.11	18.27	50.00	12.12	400620.23	10.00	
29.10.2020	-	1.36	-	-	0.61	-	20.83	75649.96	11.00	
30.10.2020	-	7.98	-	-	7.19	-	16.00	276729.34	10.42	
31.10.2020	2.92	11.01	20.00	1.17	11.12	50.00	14.35	338275.69	10.26	
PMH	2.40	18.02		3.21	24.44		12.48	393152.35	10.03	
MZLm v t	0.523			0.709			-	-	-	
MZLm < EL	0.523			0.709						
MZLm > EL	0.000			0.000						
n PPH < EL+I	1139/100%			1192/100%						
n PPH > EL+I	0/0%			0/0%						
n PPH > 1.2*EL+I	0/0%			0/0%						
n PPH > 2*EL+I	0/0%			0/0%						
n platných PPH	1139/91%			1192/96%			1364/95%	1362/95%	1433/100%	
n neplatných PPH	109/9%			56/4%			69/5%	71/5%	0/0%	
n nahradených PPH	0/0%			0/0%			0/0%	0/0%	0/0%	
n PDH < EL+I	27/100%			29/100%						
n PDH > EL+I	0/0%			0/0%						
n platných PDH	27			29			31	31	31	
n neplatných PDH	2			0			0	0	0	
Min PPH	0.00			0.83			10.99	59794.48	10.00	
Max PPH	5.35			13.41			20.85	454471.63	11.00	
Min PDH	1.66			1.12			11.89	75649.96	10.00	
Max PDH	3.19			5.18			20.83	417086.37	11.00	
EQ	0.00			0.00						

## Vysvetlivky:

PDH &lt; EL+I

F - neplatná

Q - PDH &gt; EL+I

A - n(PPH &gt; EL+I)&gt;0

L - n(PPH &gt; 1.2\*EL+I)&gt;0

X - n(PPH &gt; 2\*EL+I)&gt;0

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PDH - priemerná denná hodnota

EL - Emisný limit

I - Interval spoľahlivosti

EQ - Emisný kvocient

PPH - Polhodinová priemerná hodnota

PMH - priemerná mesačná hodnota

MZLd - Množstvo znečisťujúcich látok za deň v kg

MZLm &lt;EL - MZL za mesiac pri dodržanom EL

MZLm &gt;EL - MZL za mesiac pri nedodržanom EL

## Protokol o prevádzke systému za mesiac 10/2020

Prevádzkovateľ: CRH  
ID oprávnených osôb: operator

Meracie miesto: 422  
Celkový čas prevádzky systému: 715hod 53min

Zdroj: RP PC  
Tlačené dňa: 01.11.2020

Kód: 0601  
Strana : 5/5

Dátum	Stavy systému [hod: min]									
	OST	NAB	OKA	UP	INY	MAP	VYP	ZPA	INY	
01.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
02.10.2020	00:00	00:00	00:00	23:30	00:30	00:00	00:00	00:00	00:00	00:00
03.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
04.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
05.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
06.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
07.10.2020	00:00	00:00	00:00	20:00	04:00	00:00	00:00	00:00	00:00	00:00
08.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
09.10.2020	00:00	00:00	00:00	20:00	04:00	00:00	00:00	00:00	00:00	00:00
10.10.2020	00:00	00:00	00:00	20:00	04:00	00:00	00:00	00:00	00:00	00:00
11.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
12.10.2020	00:00	03:00	00:00	20:30	00:30	00:00	00:00	00:00	00:00	00:00
13.10.2020	00:00	12:00	00:00	04:30	07:30	00:00	00:00	00:00	00:00	00:00
14.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
15.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
16.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
17.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
18.10.2020	00:00	00:00	00:00	20:00	04:00	00:00	00:00	00:00	00:00	00:00
19.10.2020	00:00	00:00	00:00	22:30	01:30	00:00	00:00	00:00	00:00	00:00
20.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
21.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
22.10.2020	00:00	00:00	00:00	22:30	01:30	00:00	00:00	00:00	00:00	00:00
23.10.2020	00:00	00:00	00:00	22:30	01:30	00:00	00:00	00:00	00:00	00:00
24.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
25.10.2020	00:00	00:00	00:00	22:30	01:30	00:00	00:00	00:00	00:00	00:00
26.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
27.10.2020	00:00	00:00	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00
28.10.2020	06:30	00:00	00:00	17:00	00:30	00:00	00:00	00:00	00:00	00:00
29.10.2020	17:30	06:30	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
30.10.2020	00:00	24:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
31.10.2020	03:30	12:00	00:00	04:30	04:00	00:00	00:00	00:00	00:00	00:00
<b>Celkom</b>	27:30	57:30	00:00	624:00	35:00	00:00	00:00	00:00	00:00	00:00

**Vysvetlivky:**

OST - Odstavené  
OKA - Odstávka  
INY - Iný stav  
ZPA - Zmena paliva  
VYP - Vypadok

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NAB - nábeh  
UP - Ustálená prevádzka  
MAP - Nastavovanie režimu  
INY - Iný stav