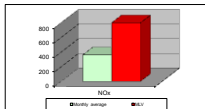
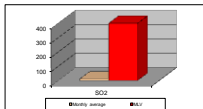
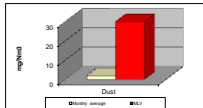


MONTHLY REPORT FROM EMISSION MONITORING IN TITAN CEMENTARNICA USJE - KILN No.3



| January 2019 | Dust<br>(mg/Nm <sup>3</sup> )<br>MĐK 30mg/m <sup>3</sup> | MĐK 30mg/m <sup>3</sup> | SO <sub>2</sub><br>(mg/Nm <sup>3</sup> )<br>MĐK 400mg/m <sup>3</sup> | MĐK 400mg/m <sup>3</sup> | NOx<br>(mg/Nm <sup>3</sup> )<br>MĐK 800mg/m <sup>3</sup> | MĐK 800mg/m <sup>3</sup> | Comments |
|--------------|--|-------------------------|--|--------------------------|--|--------------------------|----------|
| 01.01.2019   | 1,85   | 30                      | 12,94  | 400                      | 409,96   | 800                      |          |
| 02.01.2019   | 2,01   | 30                      | 7,01   | 400                      | 366,3  | 800                      |          |
| 03.01.2019   | 2,08   | 30                      | 9,82   | 400                      | 321,97   | 800                      |          |
| 04.01.2019   | 1,98   | 30                      | 12,75  | 400                      | 345,24   | 800                      |          |
| 05.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 06.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 07.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 08.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 09.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 10.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 11.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 12.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 13.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 14.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 15.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 16.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 17.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 18.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 19.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 20.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 21.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 22.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 23.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 24.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 25.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 26.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 27.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 28.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 29.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 30.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
| 31.01.2019   |  | 30                      |  | 400                      |  | 800                      |          |
|              | <b>2,0</b>   | <b>30</b>               | <b>10,6</b>  | <b>400</b>               | <b>360,8</b>   | <b>800</b>               |          |

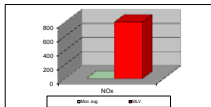
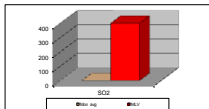
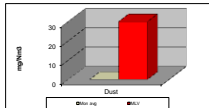
MLV: Maximum Limit Value

Explanations: The monthly average values are calculated on the half hour emission values. Measured values of the concentrations are calculated at 10 vol. of O<sub>2</sub>

Results of the measurements are represented in Nm<sup>3</sup> (Nm<sup>3</sup> - T=273K, P=101,3kPa, dry gas)

Note: Kiln no.3 was stopped due to regular maintenance on 04.01.2019

MONTHLY REPORT FROM EMISSION MONITORING IN TITAN CEMENTARNICA USJE - KILN No.4



| January 2019 | Dust<br>(mg/Nm³)<br>MĐK 30mg/m³ | MĐK 30mg/m³ | SO₂<br>(mg/Nm³)<br>MĐK 400mg/m³ | MĐK 400mg/m³ | NOx<br>(mg/Nm³)<br>MĐK 800mg/m³ | MĐK 800mg/m³ | Comments |
|--------------|---------------------------------|-------------|---------------------------------|--------------|---------------------------------|--------------|----------|
| 01.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 02.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 03.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 04.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 05.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 06.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 07.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 08.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 09.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 10.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 11.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 12.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 13.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 14.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 15.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 16.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 17.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 18.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 19.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 20.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 21.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 22.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 23.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 24.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 25.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 26.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 27.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 28.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 29.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 30.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| 31.01.2019   |                                 | 30          |                                 | 400          |                                 | 800          |          |
| Average      |                                 | 30          |                                 | 400          |                                 | 800          |          |

MLV: Maximum Limit Value

Explanations: The monthly average values are calculated on the half hour emissin values. Measured values of the concentrations are calculated at 10 vol. of O2

Results of the measurements are represented in Nm3 (Nm3 - T=273K, P=101,3kPa, dry gas)

Note: Due to regular maintenance, kiln no.4 is shut down on 27.12.2018.