



The 54th International October Conference on Mining and Metallurgy
18-21 October 2023, Bor Lake, Serbia
www.ioc.tfbor.bg.ac.rs

INVITED LECTURE

CONSTRUCTION OF A NEW SINTERING PLANT 180 m² WITHIN THE HBIS GROUP SERBIA IRON & STEEL

**Slobodan Kostić, Qi Fenglai, Savo Pirgić, Nenad Botić, Dobrica Milovanović,
Čedomir Sušić, Igor Zlatković**

HBIS GROUP SERBIA IRON & STEEL Srbija

Abstract:

The construction of the new sintering plant (New Sinter Plant) had two primary goals:

- 1. production - technological goal, which meant increasing the production of sinter, improving the quality of the produced sinter, rationalizing production as well as reducing costs per unit of product*
- 2. improvement of environmental protection, where the project solution would meet the requirements of the standard for emissions of polluting exhaust gases "Best Available Techniques (BAT) Reference Document for Iron and Steel Production 2013" ("Reference document for the best available technique (BAT) for iron production I of steel 2013").*

Keywords: *sinter, environmental protection, construction*