CONSTRUCTION OF THE BLAST FURNACE No. 7

To be launched in Q1 2018

EVRAZ NTMK

EVRAZ NTMK’s blast furnaces no. 5 and no. 6 each currently have an effective operating volume of 2,200 m³. They are known as the most productive and efficient blast furnaces in Russia and Europe. Building the new blast furnace no. 7 provides alternative capacity while the blast furnace no. 6 is taken off-line for a major overhaul.

PIG IRON PRODUCTION, kt

<table>
<thead>
<tr>
<th>BF No.5</th>
<th>BF No.6</th>
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<tbody>
<tr>
<td>2017</td>
<td>4,714 kt</td>
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<tr>
<td>2-3 year plan</td>
<td>&gt;5,000 kt</td>
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How we plan to maintain stable pig iron production at EVRAZ NTMK
The new technology will allow to reduce the environmental effect significantly and will improve working conditions in the blast furnace shop.

**Characteristics of the blast furnace no. 7**

- **Volume**: 2,200 m³
- **Production capacity**: 2.5 mtpa of pig iron

**Technology**

- two fully enclosed casting yards
- automated furnace filling and external cooling systems
- high-capacity aspiration systems and stoves
- every tap spout near tap holes is equipped with over-head exhaust hoods and efficient bag filters, which improve air filtration by 2.5 times
- the main slag discharge runner’s upgraded design prevents closed-circuit water leaks