

## Metinvest is carrying out an overhaul of a hot metal mixer at Ilyich Steel BOF plant

Metinvest, within the framework of the continuous improvement program, reconstruction and modernization of the production enterprises, is carrying out major overhaul of 1300 t Mixer #3, at the LD Shop of Ilyich I&SW. Recent concentration with Metinvest Group allowed attracting specialists from other Metinvest enterprises for the first time. Roughly costs of the major overhaul will comprise UAH 6 mln.

Modernized Mixer #3 will ensure timely preparation of hot metal and feeding for conversion into steel, as well as leveling its temperature and homogenization of chemical composition. At that, the amount of unwanted inclusions in the molten metal will decrease by 50 – 60%, which will create conditions for significant reduction of expensive ferro-alloys consumption. For three years the unit has processed over 4 mln t of iron, which is one of the best results among existing three similar mixers in the Shop.

Recent concentration with Metinvest Group allowed attracting specialists from Yenakiievo I&SW for the first time.

Major overhaul commenced in mid-March will be completed ahead of schedule – within 26 days, vs. initially planned duration of 31 day.

Reference:

**Ilyich Iron and Steel Works of Mariupol PJSC (MMKI)** is one of the largest full cycle metallurgical enterprises in Ukraine. The Plant manufactures pipes and flat product from carbon, low-alloyed and alloyed steels for different purposes: hot rolled slabs and heavy plates for pipes intended for major pipelines, marine ships, pressure vessels, bridge and other special purpose metal structures; hot rolled thick and thin sheets and strips, including treated; cold rolled products, including galvanized thin coils, sheets and strips, including the products used for cold pressing, profiled sheeting and etc.; thick wall pipes, including pipes for oil pipelines; water and gas supply thin wall pipes, round and square pipes for construction; pressure vessels, including vessels used in automotive sector, etc. 50 certificates of quality issued by international and Ukrainian certification agencies and bodies prove high quality of products manufactured by MMKI: various products made from over 200 steel grades. MMKI operates the Quality Management System, which has been developed and certified in accordance with ISO 9001 requirements. MMKI production capacity is around 6.1 mln tpa of steel, 12 mln. tpa of sinter, over 5.5 mln. tpa of cast iron and over 5 mln. tpa of finished rolled products. Of over 6.1 mln. tpa of steel, BOF steel comprises 3.6 mln. tpa.

**Metinvest** is an international vertically integrated mining and steel group of companies, operating assets in each link of the production chain from iron ore and coal mining and coke production, through to semi-finished and finished steel production, pipe rolling and coil production and production of other value-added products. The Group comprises mining and steel production facilities located in Ukraine, Europe and the USA and has a sales network covering all key global markets. The major shareholders of Metinvest are SCM Group (75% ownership) and Smart-Holding (25% ownership) partnering in Company's management.

**METINVEST HOLDING, LLC** – is the managing company of Metinvest Group.