Hot-strip Mill of ArcelorMittal Ostrava Has a New X-Ray Gauge worth 22 Million Crowns

Ostrava, January 16, 2014 – The Steckel rolling mill P1500, which has been producing hot-rolled strips in ArcelorMittal Ostrava since 1999, has commissioned a new universal X-ray gauge for 22 million crowns. The new facility will help improve the quality of manufactured strips.

"The new device sends information to the control system of the rolling mill more quickly and accurately. It also has a greater capacity of the database of measured values. By using all of its features we will significantly improve the quality of the supplied strips, thereby increasing customer satisfaction," says Martin Dryják, head of the Steckel mill.

Installation of the device in the Steckel mill took two weeks followed by a trial operation. The new X-ray equipment SIPRO by Thermo Scientific operates on the basis of stereoscopic scanning of steel strip using two X-ray tubes. This allows to recall a 3D computer image of the steel strip along its entire length. In addition to measuring the thickness, width and cross section of the strip, the device is capable of measuring the speed of a corrugation of the strip, the temperature, the shape of the edges as well as detecting surface defects.

ArcelorMittal Ostrava a.s. is the biggest steel-making company in the Czech Republic and belongs to the world's largest steel and mining group ArcelorMittal. Annual steel production is 3 million tons. Besides the domestic market, the company sells its products to more than 40 countries over the world. ArcelorMittal Ostrava and its subsidiaries employ more than 7500 people. Average income of its employees amounted to 34,352 CZK in 2013. ArcelorMittal Ostrava produces iron and steel in compliance with all environmental legislation. It already conforms to the EU best available techniques (BAT) emission limits that are to be binding only from 2016 onwards. The sole shareholder is ArcelorMittal Holdings A.G.