Just a few days are left till launch of 6-strand square billet continuous casting machine on the “ArcelorMittal Temirtau” plant. It is hard to underestimate the importance of this project - after launch of CCM-3, the long product rolling mill will be operating with its own scrap only.

The scale project on CCM third line construction has entered the final stage. At the present moment assembly and erection works are at their full strength. Turret assembly has been completed on November, 5th. Electric, automation and hydraulic systems installation are almost done. Today this facility operates with 24-hour help of 420 high-qualified specialists of different professions that are represented by the plant specialists, construction companies and Turkish company CVS.

- All the work is going on according to the planned schedule, - reassures CCM-3 senior foreman, Maxim Fedin. - After finishing the assembly of main equipment, we are planning to run CCM-3 cold test. If it runs successfully, which we are sure about, we will run hot test that will become a starting point for square billet production.

According to CCM-3 foreman’s words, no big difficulties appear during the work. Everything goes on according to plan, work meets the schedule deadlines. The only thing affecting the speed of work is cold weather. The most exciting moment - Machine’s start-up is planned for the end of November.

- Speaking of uniqueness of the project, we can point out that liquid steel will be teemed to the 280t capacity ladle. Normally, 200t capacity ladles are used metallurgic industry, - summarizes Maxim Fedin. - Our plant will also operate with the fastest teeming speed in world which is - 4,5 meters per minute! Overall machine’s weight is 1600t. CCM-3 turret is unique itself - it will be able to lift the ladle on +17 meters level, which weight is over than 130t.

At the present moment there is no turret of this type at any plant of the world! Billet will be produced with 130mmx130mm and 150mmx150mm sizes. The yearly capacity of CCM-3 - 1,2 million ton per year. Machine will fully provide work for “ArcelorMittal Temirtau” rolling mill. After its commissioning, the plant will be able to provide Kazakhstan market with extra 800 thousand ton of ready billets, that will let the country downsize the import of these important products for the construction industry. This project also has social importance. Thanks to the project the plant will open 100 new working places.