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SOURCE Newspapers as indicated.

PRODUCE HIGH-GRADE COMPRESSORS;  
IMPROVE CASTING PROCESSES

USES CHILL, CENTRIFUGAL CASTING METHODS -- Kommunist, No 75, 29 Mar 50

The Yerevan Compressor Plant, recently a lagging enterprise, is now one of the foremost in the republic. It has produced a great many high-grade compressors and air pumps, and completed its first-quarter plan 21 March. Since the beginning of 1950, production costs have been lowered 16 percent.

Labor processes have been mechanized and advanced methods introduced. Chill casting of flywheels has been mastered, increasing productivity five times and lowered the cost proportionately. Defective castings of flywheels were reduced from 80 to 5 percent.

Work was started here on the utilization of centrifugal casting of piston-rings. A machine for producing these castings was manufactured at the plant from waste products.

PRODUCES AMMONIA COMPRESSORS OVER PLAN -- Vechernyaya Moskva, No 66, 18 Mar 50

By 12 March the Moscow Kompressor Plant had produced over one-half million rubles' worth of above-plan equipment, including four ammonia compressors. The Five-Year Plan for volume of production has been met.

Komsolol'skaya Pravda, No 85, 9 Apr 50

The Moscow Kompressor Plant has completed its postwar Five-Year Plan, attaining an output of one million rubles above the plan. It has pledged to fulfill its four-month plan by 20 April.

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WILL USE PUMP FOR DREDGING -- Pravda Ukrainy, No 50, 28 Feb 50

The Chardzhou Machinery Plant has completed its first excavation pump for 1950. It will be used in dredging the bottom of the Amu-Dar'ya River.

INTRODUCES CONVEYER-BELT CASTING -- Moskovskaya Pravda, No 39, 5 Apr 50

The Krasnaya Presnya Plant of the Ministry of Machine and Instrument Building is the first in the country to introduce the conveyer-belt method in its small-series casting shop. This method was previously considered impracticable.

In one section of the shop, molding, pouring, and stamping of hot sand, as well as other operations, are completely mechanized and continuous. Flasks with the ready molds are moved by an endless-chain conveyor. The molds are filled with hot metal from a sliding ladle suspended from a mono-rail.

This method has almost doubled the output of castings. Last year, castings produced by the plant were insufficient for its own use, whereas it now supplies other enterprises. Further mechanization of casting processes is underway. In a short time, the entire shop is expected to operate on a conveyer-belt basis.

Vechernyaya Moskva, No 79, 3 Apr 50

The Krasnaya Presnya Plant, which now holds first place in production in the Ministry of Machine and Instrument Building, is producing high-grade casting and molding machines. It completed its Five-Year Plan in volume of production 6 months ago. The plant has pledged to complete its four-month plan by 27 April, to lower the production cost 23 percent, and to convert 25 machine tools to high-speed cutting.

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