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MOSCOW PLANTS STEP UP PUMP PRODUCTION;
DEVELOP NEW COMPRESSOR

REORGANIZED PUMP PLANT DOUBLES OUTPUT -- Moscow, Moskovskaya Pravda, 14 Dec 50

The Moscow Pump Plant imeni Kalinin is one of the oldest enterprises in the capital. It makes pumps of various types, including excavation pumps for the Kuybyshev Hydroelectric Station on the Volga.

The plant fulfilled its third-quarter plan 109 percent in gross output, and 111 percent in commercial output. It was awarded second place in the all-Union socialist competition by the All-Union Central Council of Trade Unions and the Ministry of Machine and Instrument Building. It greatly exceeded its production program in spite of the fact that it had 4 percent fewer workers than estimated in the plan. The plant has now pledged to complete its annual plan in output of all types of pumps by 17 December, and this pledge is being successfully carried out.

During the last 2 years, the plant has changed unbelievably. Production has been reorganized and the conveyer-belt assembly of pumps has been carried out. More than 3,000 square meters have been freed for production. With the help of this additional area, and with no increase in the number of workers, output was almost doubled within a short time. Over one million rubles of above-plan profit was made in the third quarter.

More attention was paid to the casting shop. Individual sections were reorganized, conveyers were installed, and the work of sand-preparation was improved. As a result, a large, supplementary molding area was obtained. The mechanization of many labor-consuming manual processes made it possible to double the output of castings in the same production area. Improved methods of filling molds were worked out. Large-scale technical organization measures were also introduced in other shops.

Not long ago, the production and assembly of artesian pumps was done in different shops. This caused great difficulties which were reflected in the rate of output. A storage area was converted into a special shop to which the proper equipment was transferred. From the very beginning, the production of parts and the assembly of pumps were organized along conveyer methods.

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Important suggestions were made for avoiding bottlenecks in the machining of parts and the assembly of pumps. Special rotating tables were designed for the drilling machines. Thus, existing equipment could be used for machining parts, without the purchase of new radial drilling machines. The adoption of this suggestion sharply increased output, and the production program for artesian and small pumps was exceeded.

An old cleaning area was remodeled into a well-equipped, 1,500-square meter cleaning shop. This made possible a steady flow of goods from the casting shop to the assembly shop. A special apparatus is being constructed in the cleaning shop for removing the sand after the mold frame is knocked off and the chipping is done. By means of two conveyer belts under the shop floor, the sand will be fed by lift and hopper directly on to trucks.

The plant has received a large order for the production of heavy-duty excavation pumps for the Kuybyshev Hydroelectric Station. The first order has been completed, and the required number of pumps was ready before the promised date.

PRODUCES NEW AMMONIA COMPRESSOR -- Moscow, Vechernyaya Moskva, 9 Oct 50

In September, the Moscow Kompressor Plant put out a new horizontal two-stage ammonia compressor with a refrigerating capacity of 275,000 calories per hour. Compressors of this type will be produced for various branches of the national economy where the technological production process requires temperatures as low as minus 30-35 degrees centigrade.

FAILS TO UTILIZE MACHINE TOOLS PROPERLY -- Moscow, Moskovskaya Pravda, 8 Dec 50

It is to be regretted that certain Moscow plants do not utilize their equipment to the fullest extent. For example, the machine tool park at the Moscow Steklomashina Plant has an average total load of 46 percent, and some machine tools are used even less than this -- vertical milling machines, 35 percent; gear-milling machines, 23.3 percent; and gear shapers, only 9.7 percent. If you add this to the fact that about 18 percent of the parts produced at the plant are rejects, it is easy to see how uneconomically the machine tools are utilized there.

Often the productivity of equipment is sharply reduced because the technologists and workers in the production planning departments do not plan the technological processes or assign the parts to the machine tools carefully.

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LENINGRAD PLANTS CARRY OUT COLLECTIVE CONTRACTS -- Leningradskaya Pravda, 1 Nov 50

Checking on fulfillment of collective contracts at Leningrad plants of the Ministry of Machine and Instrument Building has been completed. In the large majority of enterprises, the mutual obligations of administration and collectives are being successfully carried out.

The Leningrad Plant imeni Vtoroy Pyatiletki had an almost perfect record for the third quarter.

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