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SOURCE Newspapers as indicated.

ELECTRICAL INDUSTRY PUSHES GENERATOR, TURBINE PRODUCTION;
MINERS GET FLUORESCENT LAMPS

BUILDS NEW-TYPE TURBINE -- Zarya Vostoka, No 23, 2 Feb 50

The Tbilisi Electric Machinery Plant of the Gruzsel'elektro Trust has begun production of an improved hydroturbine. It is also making hydraulic equipment for large hydroelectric power plants.

Zarya Vostoka, No 3, 22 Feb 50

The Tbilisi Electric Machinery Plant has begun production of special blowers for kolkhoz forging furnaces.

EQUIPMENT PLANT NEEDS WORKERS -- Sovetskaya Litva, No 28, 2 Feb 50

The El'fa State Electrical Engineering Equipment Plant needs the following workers: mechanical, industrial, design, and electrical engineers and technicians; lathe operators in all grades, mechanics, milling machine operators, grinders, truck loaders, and unskilled workers. Apply: Personnel Department, Vil'nyus, ulitsa Shvidrigaylos, 33.

NEW PLANTS BUILT -- Sovetskaya Litva, No 48, 25 Feb 50

An electric motor plant has been built in Vil'nyus and a new plant for casting sanitation engineering equipment has been set up not far from Vil'nyus. Other large-scale plants for building electric motors are under construction in Lithuanian SSR.

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RIGA PLANT MAKES GENERATORS -- Krasnaya Zvezda, No 50, 20 Feb 50

The Riga Machinery Plant of Glavlenbomash (Main Administration of Timber and Paper Machine Building) builds mobile generators for the timber industry.

URGENT HIRE FOR PERSONNEL -- Sovetskaya Latvya, No 36, 11 Feb 50

The Riga Turbine Machinery Plant, Ministry of Electrical Industry USSR, urgently needs the following: industrial engineers, lathe operators, grinders, planers, gauge makers, foundry workers, auxiliary workers, transport workers, construction workers, boiler mechanics, and watchmen. Apply at the Personnel Department, ulitsa Bilsulyska, 18.

Sovetskaya Latvya, No 39, 15 Feb 50

The Riga Turbine Machinery Plant has ordered a new turbine with a capacity of 1,000 kilowatts for use on slow-flowing rivers and canals. The design was developed by plant designers and engineers together with scientific workers of the All-Union Institute of Hydraulic-Machine Building. The first turbines are being sent to Insterkubla electric power plant in Latvia and along the Canal imani Moscow.

BUILDS HEAVY ELECTRICAL APPARATUS -- Sovetskaya Latvya, No 59, 10 Mar 50

The gigantic Riga Brownie machine-building plant, set built during 1946. Turbine engines, generators, and electrical apparatus for railroad and public utilities are now being built in the huge building. A considerable part of the enterprise's production is devoted to machinery for metallurgical and coal industries.

MAKES 40 KINDS OF WIRE -- Komsomol, No 38, 14 Feb 50

The draw shop of the Yezhov Cable Plant produces more than 40 types of lead-finished goods, including shapes and round copper wire for generators and transformers. The shop also produces large cables for high-voltage power lines. The shop is scheduled to produce 23 percent more goods than in 1949. In the first quarter the plant will recover 20 tons of copper wastes.

PRECISION INSTRUMENTS PLANT NEEDS PERSONNEL -- Sovetskaya Ukrayna, No 10, 17 Feb 50

The Kiev Tochekostroitel'nyi Plant needs the following personnel for permanent positions: chief, Labor and Wages Department; deputy chief, Technical Inspection Department; senior norm-setting engineer, machine-shop technologist, lathe and press section foremen, senior bookkeepers and bookkeepers with industrial experience, turners, fitters, milling-machine operators, grinding-machine operators, die-makers, sanitation engineers, coil makers, wiring mechanics, storage-battery technicians, attendants for electric power substation and radio address system, chauffeurs, truck drivers, stockroom workers, warehousemen, assistants, packagers, watchmen, clean-up men, and retrainees.

Workers are supplied transportation in the plant's buses. Apply Kiev, Garmatnaya, 9; Trolley 6, 23.

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NEW LAMPS FOR COAL MINES -- Komsomol'skaya Pravda, No 309, 31 Dec 49

During 1950 the Kharkov "Svet Shakhtera" Plant will begin production of daylight lamps for use in coal mines. These lamps are 100 times brighter than the ones in use at present.

PERFECT FLUORESCENT LAMP FOR MINES -- Komsomol'skaya Prav'a, No 30, 4 Feb 50

First tests of daylight lamps at the Makeyevka Scientific Research Institute of Mine Safety showed that if the lamp broke, its incandescent electrodes could cause a gas explosion in the mine. After long research and observation, it was discovered that if high voltage is used, the arc discharge develops instantaneously without preliminary heating of the electrode. If the electrode does not heat, the lamp is safe for use in the mine. With this development, the daylight lamp was made safe and practical for underground use.

The lamps are now being put up on permanent installations in the faces. A portable daylight lamp which miners could use everywhere, in the drift, face, or stope, is currently being developed. On the surface, the portable lamp will resemble the storage-battery type, but it will have a much stronger and better light.

MAKES HIGH-POWER BULBS -- Moskovskiy Bol'shevik, No 23, 27 Jan 50

Four years ago the Zaprudnya Electric Bulb Plant made only caps for bulbs, and was in effect nothing but a glass plant. Today it has new shops and machinery and is a first-rate electrical enterprise. It is currently engaged in making high-power bulbs. Total output of the plant during 1950 will be double that of 1949.

TEST NEW MOTOR -- Leningradskaya Pravda, No 12, 14 Jan 50

The Electric Machinery Plant imeni Stalin, Kharkov, has run successful tests on a motor made for the Makeyevka Metallurgical Plant. Assembly of a generator for the rolling mill has begun.

Izvestiya, No 20, 24 Jan 50

The Kharkov Electric Machinery Plant imeni Stalin will start series production of new electric induction motors and will produce electrical equipment for high-power excavators.

MAKE NEW WELDING TRANSFORMERS -- Vechernyaya Moskva, No 12, 14 Jan 50

In 1949 the Electric Welding and Heating Section, Academy of Sciences USSR, working with manufacturing enterprises, produced eight new transformers, to be used with alternating-current arc welding units. The academy plans to work with plants during this year to develop new welding machines, and to study the theory and practice of work estimates in utilizing the machines.

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