

OBITUARY

MEMORY OF ALEKSEI ANDREEVICH SHMYKOV

On July 1, 1991, prominent specialist in the field of metal science and heat treatment, Laureate of the State Prize of the USSR, Honored Scientist and Technician of the RSFSR, and Doctor of Technical Sciences, Professor Aleksei Andreevich Shmykov died at the age of 83.

A. A. Shmykov's labor activity began in 1931. He worked in the thermal shops of an automotive plant at first, and later at the controlled atmospheres lab of the Scientific Automotive Institute where he studied the interaction between gases and alloy surfaces. From the beginning of World War II to 1948 Aleksei Andreevich headed the Metal Science Department of the People's Commissariat of the Tank Industry. From 1948 to 1951 he was a chief editor and director of the State Scientific and Technical Publishing House of Mechanical Engineering Literature.

A great part of A. A. Shmykov's life was devoted to his pedagogical activity. He was a head of a department and, later, dean of the All-Union Corresponding Mechanical Engineering Institute and also the Night Mechanical Engineering Institute. From 1962 to 1983 he headed the Material Technology Faculty of the Moscow Institute of Electronic Machinery Manufacture. In 1984 he became a professor – consultant of this Faculty. Under his guidance 22 Candidate's Dissertations were defended.

A. A. Shmykov's scientific research contributed to the development of native mechanical engineering. His studies of controlled atmospheres for heat treatment of steel and alloys were particularly important.

Aleksei Andreevich Shmykov authored over 100 articles, several monographs, and textbooks. His most famous books are "Shop Equipment and Design for the Heat Treatment," "Controlled Atmospheres for Heat Treatment," and "Manual for Heat Specialists."

Aleksei Andreevich actively participated in the Metal Science Section of the Scientific Technical Society of the Mechanical Engineering Industry and Council of Educational Methods of the Soviet Ministry of Higher Education. Many times he was elected to preside over All-Union Conferences on Metal Science and Heat Treatment. He also was a member of the Expert Council of the Higher Commission on Certification.

For his fruitful scientific and social activities A. A. Shmykov was awarded the Orders of the Red Star and the Badge of Honor and medals.

Aleksei Andreevich Shmykov will remain forever in the memory of his students and followers.