

POLISH TECHNICAL REVIEW









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Electroacoustic equipment for the measurement and analysis of noise and for the acoustic diagnostics of machines

The acoustic protection of man's environment, combating of noise as well as the control and improvement of the acoustic conditions of work safety and hygiene laid at the basis of the design and production of a number of electroacoustic measurement apparatuses based on modern principles of the electronic technique. The article on p. 3 deals in detail with measuring condenser microphones, sound level meters, noise spectrum analyzers and special acoustic diagnostic equipment.

Assembly lifts for work at heights

Two types of assembly lifts mounted on car chassis (lifting height 10 and 18 m respectively) are discussed on p. 10 by Mr. J. Mytko from the Building Equipment Factory in Koszalin, one of the leading manufacturers of this type of equipment in Europe. The author puts special emphasis on work safety, present the up-to-date solutions of the hydraulic systems, type of insulations used in the lifts, etc.

Protection against toxic vapours in the furniture industry

An interesting article on p. 20 is devoted to the question of the protection of workers and of the outer environment against toxic vapours emitted by varnish solvents in the furniture industry. The author presents the method and principles of designing the supply-and-exhaust ventilation system in the paint shops, developed on the basis of an analysis of the results of complex measuremens of he distribution of toxic vapours concentration, and measurements of the speed and directions of the movement of air under the action of ventilation. The presented method also enables a rational utilization of dusty and fine-grained wastes from the furniture industry.

Programmatic Council: B. Doweyko, L. Drecki, S. Gružewski (President), S. Katarzyński, Z. Kotarski, Z. Makomaski, L. Olejarz, Z. Policewicz, S. Werewka, A. Hanftwurcel,

Editorial staff: A. Hanftwurcel (editor-in-chief), J. L. Toeplitz (assistant editor), S. Hilscher (managing editor), E. Karska, Z. Schellenberg, A. Witkowski,

English version: E. Karska

Translations: H. Stępień, J. Łuczaj, S. Krauze

Graphic Iayout: F. Barqcz

Production manager: A. Dziewulska-Kijas

Advertising section: T. Pachnowski

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