

# OCCUPATIONAL MORBIDITY RESEARCH AT PUBLIC JOINT-STOCK COMPANY SUMY ENGINEERING SCIENTIFIC-PRODUCTION ASSOCIATION

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**Relevance:** Today, high levels of occupational morbidity persist in mechanical engineering companies, especially those that use outdated equipment. In this case, there are disturbances in the functioning of such systems as respiratory, neurosensory and musculoskeletal.

**Objective:** To conduct a medical examination of the employees of Public Joint-Stock Company Sumy Engineering Scientific-Production Association for the purpose of establishing their professional suitability or transfer to another job.

**Materials and Methods:** During the work 98 employees of different professions (boilers, blacksmiths, fellers, locksmiths) of different workshops and sections of Public Joint-Stock Company Sumy Engineering Scientific-Production Association were engaged.

**Results:** Occupational pathologies were identified in 65 individuals on the basis of a medical examination. Of these, 17 were affected by COPD stage I, and 40 were affected by COPD II. At the same time, the impairment was reported in

the injured, i.e the disease was not diagnosed at the initial stage. Also, 62 people were diagnosed with sensorineural hearing loss II stage. 5 employees, III stage. 44 employees, IV stage with 13 employees. Among the affected with bronchopulmonary pathology at Public Joint-Stock Company Sumy Engineering Scientific-Production Association age distribution is as follows: 30-39 years -2 affected; 40-49 years -4 affected; 50-59 years – 38 affected; more than 60 years – 14 affected.

Conclusions: In the course of the study, the level of occupational morbidity and its impact on the labor and viability of all age groups of Public Joint-Stock Company Sumy Engineering Scientific-Production Association.