

# QUESTIONS OF HYGIENE AND LABOR PROTECTION OF TECHNICAL SECTIONING OF PRODUCTION OBJECTS OF INDUSTRIAL SECTOR (UZBEKISTAN)

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**Abstract:** value of technical sectioning of production objects which work together with exercise stresses is interfaced by an appreciable mental strain increases in modern industrial sector. The general irregular working hours which duration in many respects depends on performance of production and public duties, need of the operational solution of many objectives are for these professional groups. The conducted hygienic researches taped factors of labor process of employees of technical sectioning of industrial facilities among which leaders are the tension and gravity allowing to carry working conditions of employees of the studied workers to adverse harmful working conditions.

**Keywords:** occupational health and labor protection, industrial sector, technical sectioning, working conditions, gravity and tension of labor process.

## ВОПРОСЫ ГИГИЕНЫ И ОХРАНЫ ТРУДА ИНЖЕНЕРНО-ТЕХНИЧЕСКОГО ПОДРАЗДЕЛЕНИЯ ПРОИЗВОДСТВЕННЫХ ОБЪЕКТОВ ПРОМЫШЛЕННОГО СЕКТОРА (УЗБЕКИСТАН)

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**Аннотация:** в современном промышленном секторе возрастает значение инженерно-технического подразделения производственных объектов, труд которых вместе с физическими нагрузками сопряжен со значительным умственным напряжением. Общим является для данных профессиональных групп ненормированный рабочий день, продолжительность которого во многом зависит от выполнения производственных и общественных обязанностей, необходимость оперативного решения многих поставленных задач. Проведенные гигиенические исследования выявили факторы трудового процесса работников инженерно-технического подразделения промышленных объектов, среди которых ведущими являются напряженность и тяжесть, позволяющие отнести условия труда работников изучаемых подразделений к неблагоприятным, вредным условиям труда.

**Ключевые слова:** гигиена и охрана труда, промышленный сектор, инженерно-техническое подразделение, условия труда, тяжесть и напряженность трудового процесса.

Value of technical sectioning of production objects which work together with exercise stresses is interfaced by an appreciable mental strain increases in modern industrial sector [1, p. 5].

By us it is established that about 50% of operating time employees of engineering sectioning of the industrial enterprises work generally in offices, specially allotted for them, unlike chiefs of shops and masters of sites which more than 60-80% of the working day often are immediately in the shop [2, p. 18]. Researches of a microclimate showed that in offices of engineering sectioning air temperature in cold the period of year generally corresponded to the lower parameters of admissible sizes, in workplaces of chiefs of shops and masters of sites temperature fluctuated from 16-18 degree Celsius at relative humidity more than 75% that didn't conform to hygienic requirements. Illuminating intensity on a working surface in offices of engineering sectioning of the plants corresponded to 350-400 lx while in a workplace of masters and chiefs of sites was below the normalized sizes on 60-100 lx. Intensity and spectral structure of hum in workplaces of masters and chiefs of changes significantly depended on the location of their jobs and existence near sources of production hum. So, noise level showed excess from 5 to 16 dB in the range of average frequencies. Studying of tension of the working day taped that larger expenses from the budget of operating time fall on production meetings and meetings which duration can make of 30 minutes till 3-4 o'clock. Sensory loads are more characteristic of engineers and make about 50% of operating time, at the same time emotional loads were characteristic of all studied groups working. When studying gravity of labor process it was taped that lower physical activity is characteristic of engineering sectioning (60-65% of time are spent in a pose "sitting"). At the same time chiefs of

shops and masters are busy in a pose "sitting" 30-45% and for operating time pass distance on average of 6-8 km.

Thus, the conducted hygienic researches taped factors of labor process of employees of technical sectioning of industrial facilities among which leaders are the tension and gravity allowing to carry working conditions of employees of the studied sectionings to adverse harmful working conditions.

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