

Republic of Georgia
Ministry of Education

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To the response of collective application of the residents of the house at 4 Uznadze street, the staff of the Department of Labour Psychology of Ivane Javakhishvili Tbilisi State University has investigated the psycho-physiological parameters of the noise coming from TEC (Thermo Electric Central) located near the block of flats.

The following was identified:

1. The noise comes from specter of 1000-1200 hertz waves;
2. The intensity of the noise varies within 45-50 decibel;
3. The noise is permanent, during 24 hours;
4. The sources of noise are three transformers of high-voltage, 20-25 meters away from the apartments.

Conclusion: The physical parameters of the noise (40-50 decibel) considerably exceed the admissible norms of the intensity of waves causing the noise. It is known that the noise of 20 decibel diminishes the hearing, 25 decibel reduces auditory perception, and the higher intensity causes disorder of arterial pressure and other psychometric diseases. Since the noise is permanent (during 24 hours) and not instantaneous, its negative impact is considerably increased.

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