## RESTORATION OF THE ROUND LOCOMOTIVE DEPOT, A MOSCOW LANDMARK

Nikolaev railway depot is one of the first locomotive depots in Russia. It is a monument of cultural heritage, and it belongs to a group of buildings of the Leningrad Railroad Station in Moscow. The depot was designed by renowned architects K.A. Ton and R.A. Zhelyazevich in 1951. The depot building is round; it consists of 22 sections. The bearing structures of the building, its columns, arches and vaults are made of masonry. The depot building was remodeled several times, following changes in its intended use. Therefore, the original look of the building has lost its initial splendour. Now its structures are badly damaged, and the bearing capacity of its masonry columns and arches has changed for the worse. Its reconstruction will be accompanied by the restoration of its original exterior. Its reconstruction must be accompanied by the comprehensive monitoring of the stress-strain state of its surviving structures. The renovation must be based on the structural analysis of changes of its properties and damages. Currently, the engineering staff of our university is monitoring the strained state of the building to give advice in the course of its further restoration.

Key words: monument of industrial architecture, round depot building, restoration, masonry.

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