

Model of Professional Destruction of Shift Workers in Arctic Conditions

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The article presents the results of an empirical study carried out on a sample of 70 shift construction workers of natural gas pipelines, working in Tumen region (the length of the shift is 52 days), aged from 30 to 59 (mean age $34,9 \pm 8,1$) with application of the following diagnostic tools: a questionnaire called «Accentuation of character» (H. Smishek); scale diagnosis of type A behavior (SD Polozhentsev, D. Rudnev); I-structural test by Amon G. (adaptation by Tupitsina. U.Y., Bocharov V.V. et al.) and statistical methods: one selective Student t-criterion, multiregressive step analysis. The research determined the types of marked accentuation of character in shift construction workers, who are working in the Arctic, due to their professional activities. In the present study we have also developed the model of professional destruction of shift workers. The applied aspect of the problem of the present investigation can be implemented in the development of prevention programs for reducing the adverse effects of shift work on the employees' personality.

Keywords: professional destruction, accentuation of character, shift work, the Arctic.

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