

METHOD OF OCCUPATIONAL RISK  
ASSESSMENT ARISING FROM ARTIFICIAL RADIATION  
ACCORDING TO NEW REQUIREMENTS OF LAW

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**ABSTRACT** *The article indicates the main factors which should be taken into account during the risk assessment related to occupational exposure to artificial optical radiation according to new requirements of law. The scope of elaborated multifactorial method of occupational risk assessment complies with these requirements. The scope and criteria of risk assessment take into consideration: exposure level for particular parts of the body, use of personal protective equipment, workers belonging to particularly sensitive risks groups, any possible effects on workers' health resulting from workplace interaction between optical radiation and photosensitizing chemical substances, any indirect effects such as blinding, explosion or fire, organizational and psychosocial factors.*

**Keywords:** *artificial optical radiation, occupational exposure, multifactorial method of occupational risk assessment, requirements of law*