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## RESEARCH IN THE ENGINEERING OF COMPLEX SYSTEMS SAFETY

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### Abstract

An efficient design and development of the occupational health and safety managing system in a working system involves a suitable tailoring of occupational health and safety state in relation to the risk level associated to the conditions for the occurrence of general and specific hazards all through its length of operation.

This paper presents a methodological approach for the analysis and for a likelihood estimate of industrial risks identified inside complex structures of the working system type.

*Key words:* occupational safety, risk occurrence, complex system

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