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Summary of the PhD thesis:

“Occupational Health and Safety Management System in Schools of the State Fire Service”

The State Fire Service is a professional and well-equipped entity created for the purpose of firefighting, mitigating the repercussions of natural disasters, and handling any threats from local sources, as well as emergencies arising from the improvement of civilization and abiding by natural laws.

The current personnel of the State Fire Service, including firefighters, cadets, and students, carry out life-saving and hazardous duty activities with the purpose of safeguarding lives, wellbeing, property, and the natural environment. Such operations come with inherent dangers, which are to be recognized and evaluated in order to provide appropriate protection to the workers of the Occupational Safety and Health service.

The employee is of the highest importance within Occupational Health and Safety management Systems. It is their wellbeing which is at stake when they are exposed to injurious and hazardous factors while carrying out their duties. It is mandated that matters pertaining to Occupational Health and Safety management form a part of the management processes across any institution, business or service.

The constantly changing legal regulations of the national law and the requirements of the European Union also drive the need for present-time alterations in the area of Occupational Health and Safety management with regard to companies, work places and organisations, as well as Schools and additional organisational units of the State Fire Service.

The purpose of the topic was to develop a model for Occupational Health and Safety Management System for use in the Schools of the State Fire Service, with a view to initiating activities that would facilitate the implementation of the system, as well as activities that would lead to the improvement of working and service conditions and learning within the schools, as well as to evaluate the risks associated with the performance of official tasks and any other duties related to employment.

The current study enables the precise identification of key factors in regard to Occupational Health and Safety management within the Schools of the State Fire Service. Such findings are established after a thorough examination of subject literature, a review of available documentation as well as the management system. Subsequently, the research served as

a basis for the author's formulation of a new model for Occupational Health and Safety management at the Schools of the State Fire Service. This doctoral dissertation examines the concerns surrounding the management of the Schools of the State Fire Service, with a particular emphasis on aspects of Occupational Health and Safety. For the formation of a model for the Occupational Health and Safety Management System, the author has analyzed the pertinent data from the Occupational Health and Safety Evaluations of the Schools of the State Fire Service from 2014-2021.

The opening chapter of the work was structured to provide an analysis of the existing literature concerning the Occupational Health and Safety Management System, in addition to an introduction to the concept. Ideas and definitions from the literature were systematically organized in order to bring order to the theoretical considerations.

The models of operational Systems in Health and Safety Management were introduced and the importance of Risk Assessment as a critical component of the Health and Safety Management System was highlighted.

Chapter Two addressed issues pertinent to Health and Safety Management within the State Fire Service Schools. Additionally, this chapter addresses the appraisal of the lawful system related to Occupational Health and Safety in the aforementioned Schools and the relevance of such laws in regards to staff and officers.

The third chapter explores the potential of an Occupational Health and Safety Management System in order to better the Schools of the State Fire Service. In depth, it considers the essentiality and significance of information and communication technology instruments in advancing the activities of Occupational Health and Safety workers in the Schools of the State Fire Service, as well as promoting Occupational Health and Safety Management System. The author detailed the essentials of process management within an organization, as well as reviewed and classified the methods of internal auditing as a tool to enhance the Occupational Health and Safety Management System in Schools of the State Fire Service, all in accordance with the study of the literature on the subject. Furthermore, he proposed a definition of Occupational Health and Safety management in these schools.

The fourth chapter of the dissertation was dedicated to the development of a model of the aforementioned management system. This text outlines the parameters of the author's model, chosen with due consideration of laws, regulations and standards

pertaining to the principles of occupational health and safety, employment and the problem domain, as applicable to the employees and officers employed in the Schools of the State Fire Service. The main dependent variable, secondary dependent variable and independent variables, in addition to additional context variables, are all specified. This information was then combined to create an original model of the Occupational Health and Safety Management System in the Schools of the State Fire Service.

The fifth chapter of the work examines the implementation of an Occupational Health and Safety Management System model in the Schools of the State Fire Service, emphasizing activities meant to enhance Occupational Health and Safety. The concluding element of the chapter comprises of a description of both the challenges encountered and the author's suggested recommendations concerning the implementation of the system model in the Schools of the State Fire Service.

The dissertation concluded with a synthesis which presented the results of the author's analysis and the most significant conclusions gained from the objectives and research hypotheses formulated in the dissertation.

Occupational Health and Safety management is an integral part of the management of an organisation, enterprise or institution, and serves as a source of data that needs to be properly evaluated.

The successful implementation of an Occupational Health and Safety management system in the State Fire Service Schools is essential in maintaining compliance with relevant laws, providing appropriate safeguards to the health and safety of personnel, as well as reducing otherwise unnecessary costs associated with workplace accidents and service. The implementation of an Occupational Health and Safety Management System in the Schools of the State Fire Service is essential for the prevention of occupational diseases and the improvement of workplace and service environment conditions. The success of the system depends on the instructional training and the adequate assessment and handling of occupational risks at individual stations and services. Through this, workers and officers can comprehend the threats involved and the need to use suitable personal protective equipment.

The author noted that the model of Occupational Health and Safety Management System in the Schools of the State Fire Service is closely associated with the overall administration procedure, and the techniques embraced in the model better this system and enable the efficiency of activities for safe working conditions, service and knowledge.