

ASPECTS OF SIMILARITY BETWEEN SPECIFIC PROCEDURES AND ACTIVITIES IN THE FIELD OF OCCUPATIONAL HEALTH SAFETY AND ENVIRONMENTAL PROTECTION

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Summary

This paper demonstrates the similarity between production activities risk assessment of accidents and occupational diseases in health and safety at work and assessment activities with significant environmental aspects in environmental protection. These concerns the theoretical and procedural and practical issues encountered in concrete cases work. For example chosen is a common location of many industrial activities, a reception room and storage materials.

Keywords: occupational health and safety, environmental impact, similarities

1.INTRODUCTION

Both at national and international level in specific and in voluntary standards [1], [6], [7], [10], [11], [14], [15], [16], [20] ISO, standards relating to safety and health and environmental impacts have many meeting points. Obviously, all rules have the same type of application, the organization under review, so outcomes enforcement of regulations should lead to similar measures converging and not to cancel each other.

If international standards relating to the management of environmental protection and

the prevention of accidents and occupational diseases, consensus was reached implementation of integrated management, although auditing is done separately by type of management, just do not lose sight of their specific [18].

In the specific legislation required each organization, there is the opportunity to conduct joint activities regulated [19].

However, based on both types of documents, the international standard system and specific legislation can highlight shared similar

targets and concrete measures, with positive results in both directions [22].

2.IDENTIFICATION AND ASSESSMENT OF ENVIRONMENTAL AND RISK ASSESSMENT PRODUCER ENGAGE IN WORK ACCIDENTS OCCUPATIONAL DISEASES FOR CURRENT LOCATION

2.1.Identification and assessment of environmental aspects

In the environmental area, one of the most important activities is the procedure for the identification and evaluation of significant environmental aspects [2], [3], [4] , [5], [19].

Stages of identifying significant environmental aspects are:

Step 1 - identify activities, products or services made in the location considered ;

Step 2 - identify the environmental aspects of its activities, products or services identified ;

Step 3 - identify the environmental impact of these environmental aspects ;

Step4 - assessing the impact of each environmental aspect amplitude and selecting their environmental impact.

For the selected location, the results are shown in Table. 1.

Table. 1.

Environ. aspects	Targhet	Env. regulation	Frequency	Monitoring systems	L	S	C	MC	Total importance of the impact	Actions and solutions
Spill ground materials	Ground	Government Decision 1408/2007 on methods of investigation and evaluation of soil and subsoil	At the reception of raw materials	Sewerage system for retrieving accidentally spilled liquid mat.p Bulk containers for recovery accidentally spilled materials	1	1	1	5	5	-
Gase toxic emissions	Air	OU 243/2000 on the protection of the atmosphere, as amended by EO 12/2007	In case of explosion	Storage instructions for each raw material and instructions for intervention in case of emergency situations External laboratory RENAR	1	10	10	10	1000	Efectuare simulari in caz de SU Instruirea personalului
Imissions	Air	Ord.MAPPM 462/1993 Ord.MAPPM 592/2002 on atmosphere protection and values	In case of explosion	Storage instructions for each raw material and instructions for intervention in case of emergency situations External laboratory RENAR	1	10	10	10	1000	Efectuare simulari in caz de SU Instruirea personalului
waste generation	All factors	GD 856/2002 waste management records	8 h / zi	Selective collection of waste generated and their teaching by specialized companies under contract	1	1	5	1	5	-

2.2. Risk assessment of work accidents occupational diseases

One of the key activities of prevention of occupational accidents and occupational diseases, activities that require a perfect knowledge of the environment, the manner and conditions in which the activity in a location is the procedure for risk assessment [21], [22], [23], [24], [25], [26].

The factors taken into consideration in the work of risks evaluation are:

Performer: receiving raw materials distributor that holding knowledge to achieve good work task.

Producing devices: shelving / storage space used of raw material , transportation goods (forklifts, elevators equipped with the lifting lattice authorized personnel - in case correctly posts the goods on the shelves at height), various tools for mechanical activities maintenance of PPE according to season properly and the burden of the work is done , sanitary materials , and other aids.

Work tasks: comply with items comprised in the job description in viewers distribution activities taking merchandise management and positioned in correct locations for accurate inventory periodic reports its activity and lifting / handling, strict adherence recommendations made by the occupational physician (following checks periodical or those made to employment).

Work environment: space area which can be inside or outside, under the direct influence of atmospheric agents , or the environment from the enclosed space defined as habitat work during working hours.

Plan for prevention and protection, as the final step in the risk assessment will be reviewed whenever working conditions are changed and they are introduced with the means of production or implementation of new working procedures.

In table. 2, it is presented the location of the risk assessment review.

No. crt.	Job / Occupation	Risk factors identified by work system component	Recommendations for the prevention of work accidents and occupational diseases
1.	Receptionist / Administrator raw materials	Death due to unknowingly perform work task as a result of fatigue, of drunkenness or illness	Compliance responsibilities and tasks in the job description regular checks Restrictions on the job when the employee is not deplinitatea faculties and physical
2.		Injury as a result of carelessness in performing task work by preventing the possibility of physical injury, tripping, cutting, crushing injury	Respect basic labor protection measures Will be made only those tasks for the performer's trening Training employees and verify the instructions respecting the cargo and safety rules
3.		Vatamare generata de cai de acces aglomerate, sau cu diverse pete de apa, uleiuri/grasimi	Bodily generated busiest access routes, or different water stains, oils / grease
4.		Death / injury as a result of improper escalation of the cargo racks / falls from height	Training regularly checking the knowledge acquired as a result of the training stage browsing Goods placed at height will be taken / transported by forklift trucks / lifts Asau manual lysis
5.		Serious injury as a result of non-use or misuse of personal protective equipment or work equipment	Appropriate equipment with appropriate PPE Browse regular training sessions
6.		Injury as a result of physical interaction with various loads that are taken in steps of teaching / delivery	Indeplinirea correct work task Appropriate use of work equipment

3. CONCLUSIONS

Following this analysis, the initial hypothesis is confirmed, encompassing similarities between environmental aspects and risk assessment factors.

It is also remarkable similarity of many measures imposed by the results of two studies, conducted by different regulations and specific methods.

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