OCCUPATIONAL RISK ASSESSMENT IN A BAKERY UNIT FROM THE DISTRICT OF SIBIU

— research paper —

MIHAELA STOIA¹, SIMONA OANCEA²

Authority of Public Health, Department of Occupational Health, Str. Gh. Baritiu 3, 551130 Sibiu, Romania

*University “Lucian Blaga” of Sibiu, Department of Biochemistry and Toxicology, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Str. I. Rațiu 7-9, 550012 Sibiu, Romania

Abstract: as quality standards in food industry focus on food safety and security, health and security at work continues not to be optimally administrated by a rigorous risk management, this industry being considered light industry. In the present paper we emphasized on the importance of occupational risk assessment in exposed workers from a significant bakery unit of Sibiu. Quantitative determination of risk factors showed high values for temperature (28.7°C) and flour dust (2.32 mg/m³) in the workplace atmosphere. The physical overstressing on locomotion consists in reiterative movements and orthostatic preponderant work, while the three shifts/day working time represents the peculiarity in this industrial sector. We conclude that these employees (bakers, pastry workers) are exposed to significant occupational risks. There is limited data in national statistics of a certain occupational or occupation related pathology in this field.

Keywords: bakery, occupational risk, management, quality

¹ Corresponding author. Mailing address: MIHAELA STOIA, MD, PhD, Authority of Public Health, Department of Occupational Health, Str. Gh. Baritiu 3, 551130 Sibiu, Romania, e-mail: medmuncii@aspsibiu.ro

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