

## **Investigation of Occupational Health and Safety of Bakeries in Izmir, Turkey**

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**Abstract :** The baking industry is prone to occupational health challenges like other industries. Workers in bakeries face many hazards in their work environment; hazards have the potential for causing injury, illness or work accidents. Most of these hazards are preventable and arise from the neglect of occupational safety measures. Some bakeries in Izmir Turkey was evaluated according to occupational health and safety. First of all, the production process was evaluated. The survey was administered to a total of 50 employees. The survey consisted of two sections. The first one comprised only demographic questions and items related to job characteristics. The remaining section was assessing the satisfaction and confidence about occupational health and safety in terms of employees consist of a 10-item questionnaire by using HSE (2010) survey with some modifications. Also, hazards, risks and control measures in the bakeries were determined. Risk assessment has been done by the use of '5x5 Risk Assessment Table' for this purpose.

**Keywords :** bakeries, occupational health and safety, hazards, risks, risk assessment

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