

## THE RELATIONSHIP BETWEEN THE WORKER'S AGE AND SENIORITY IN THE COMPANY WITH, THE ACCIDENT RATE OF CONSTRUCTION FIRMS.

M. Rosa Suárez Muntaner <sup>1</sup>, M. Nieves González García <sup>2</sup>, Francisco J. Forteza <sup>3</sup>

<sup>1</sup> Escuela Técnica Superior de Edificación, Universidad Politécnica de Madrid.

<sup>2</sup> Escuela Técnica Superior de Edificación, Universidad Politécnica de Madrid.

<sup>3</sup> University of the Balearic Islands, Mateu Orfila Building, Ctra. de Valldemossa, km. 7.5, 07122 Palma de Mallorca, Spain.

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### ABSTRACT

Occupational accidents, in addition of giving information about the evolution of the accidents rates of a company or sector, should allow as both corrective and preventive instruments in similar situations [1]. To know the reasons of the occupational accident and their relationship to the age and the seniority, allows us to act on the preventive actions of the company [2]. This paper studies and analyses the influence of the age of the workers and the seniority of them in the company on the occupational accident. We use full database of all construction companies in the Autonomous Community of the Balearic Islands. In doing that it is analyzed the forms of the accident; in other words, the way in which the worker has been injured by the material agent that produced the injury (injuries with mechanical, non-mechanical origin, caused by animals, overstrains, etc.) and the interrelation with the above mentioned causes.

For the analysis, the following methods have been used: analysis of the accident data from the archive of the Autonomous Community of the Balearic Islands during the period 2014 – 2017 and Delta report.

Based on the analysis of the forms of accidents in the different companies, it is sought to determine if the benchmarks, have a prevalence with the highest accidents, as notable factors, in order to establish appropriate preventive strategies of the management of safety in order to do preventive intervention in the companies and to reduce the occurrence of the same type of accidents in the most exposed workers.

### REFERENCE

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