

#### عنوان مقاله:

Knowledge Diffusion to Workplace Safety and Health Improvement

### محل انتشار:

دوفصلنامه بهینه سازی در مهندسی صنایع, دوره 10, شماره 21 (سال: 1396)

تعداد صفحات اصل مقاله: 11

## نویسندگان:

Kassu Jilcha - Instructor, School of Mechanical and Industrial Engineering , Addis Ababa Institute of Technology, Addis Ababa University, Addis Ababa, Ethiopia

Daniel Kitaw - Professor, School of Mechanical and Industrial Engineering , Addis Ababa Institute of Technology, Addis Ababa University, Addis Ababa, Ethiopia

Birhanu Beshah - Associate Professor, School of Mechanical and Industrial Engineering , Addis Ababa Institute of ,Technology, Addis Ababa University, Addis Ababa

#### خلاصه مقاله:

The purpose of this study is to develop a conceptual model of Workplace safety and Health Knowledge diffusion. As workplace safety is becoming a global issue in the competitiveness of the business environment, knowledge diffusion model to workplace safety is found as a mandatory tool to create awareness of the society, and so, conceptual model is developed. Literature review was conducted for collecting data. Different journal articles were reviewed regarding occupational safety and health and knowledge diffusion. The interview and personal experiences are also included in the methodology. Findings show that in today's manufacturing industries, globalization and industrialization have resulted in increasing societal economic development. With this globalization effect, workplace hazards are increased from time to time, and they impose many challenges on society. Some of them are workplace safety hazards, high costs, loss of productivity, and organizational competitiveness advantage. These challenges emanated from the absence of awareness creation. The literatures' finding ratifies that the global occupational safety knowledge diffusion is found to be at its infant stage. The research implementation is conceptual model development process, ideal for developing economies, unless the awareness of the workplace safety will be conducted in line with the model. In practice, the finding solves retiring industry-university linkage, weak top management commitments, and weak awareness scenario of the employees of any organization. In order to censor these workplace safety improvement hampering situations, a clue is disclosed for knowledge diffusion, and the way to diffuse workplace safety and health knowledge is forwarded. Finally, the originality/Value shows that even though existing research studies' contribution to workplace safety is undeniable, many of the studies overlooked the knowledge diffusion process through phase analysis model development. Therefore, this study reveals to fill the gap found in the studies

# كلمات كليدى:

Occupational safety, Knowledge diffusion, Occupational health, Knowledge management

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/791028



