















the major increasing of the researchers, practitioners, employers and employees for safety culture definition and development. Later on, there have been define the role and the place of the safety culture assessment within internal organizational processes of OSH. The analysis has considered OSH management and the existing legal framework in the field. Furthermore, the brief description of the methods and tools used to assess OSH behavior has concluded that an adequate, well designed questionnaire will be the best tool used for the safety culture assessment. Finally, there have been presented a proposed model for the safety culture assessment.

The presented research results is considered a preliminary step for the development of a quantitative methodology for assessing the safety culture in organizations (from different manufacturing companies).

## REFERENCE LIST

6. Ayomoh, M. K. O., & Oke, S. A. (2006). A framework for measuring safety level for production environments. *Safety Science*, 44(3), 221–239.
7. Chinda, T., & Mohamed, S. (2008). Structural equation model of construction safety culture. *Engineering, Construction and Architectural Management*, 15(2), 114–131.
8. Cornelia Spitzer, Ulrich Schmocker, V. N. D. (2004). Probabilistic Safety Assessment and Management. *Aviation and Aerospace Aviation*, (2).
9. Cullen, W.D., 1990. The Public Inquiry into the Piper Alpha Disaster. Department of Energy, HMSO, London.
10. García-Herrero, S., Mariscal, M. A., Gutiérrez, J. M., & Toca-Otero, A. (2013). Bayesian network analysis of safety culture and organizational culture in a nuclear power plant. *Safety Science*, 53, 82–95.
11. Gopang, M. A., Nebhwani, M., Khatri, A., & Marri, H. B. (2017). An assessment of occupational health and safety measures and performance of SMEs: An empirical investigation. *Safety Science*, 93, 127–133.
12. Hale, A. R., & Hovden, J. (1998). Management and culture: The third age of safety. In *Occupational injury: Risk, prevention and intervention* (pp. 129–165). Retrieved from <https://books.google.com/books?id=9dhP7wJtotsC&pgis=1>
13. Kim, Y., Park, J., & Park, M. (2016). Creating a Culture of Prevention in Occupational Safety and Health Practice. *Safety and Health at Work*, 7(2), 89–96.
14. Kim, Y. G., Lee, S. M., & Seong, P. H. (2017). A methodology for a quantitative assessment of safety culture in NPPs based on Bayesian networks. *Annals of Nuclear Energy*, 102, 23–36.
15. Leitão, S., & Greiner, B. A. (2017). Psychosocial, Health Promotion and Safety Culture management—Are Health and Safety Practitioners involved?. *Safety science*, 91, 84–92.
16. Mohaghegh, Z., & Mosleh, A. (2009). Incorporating organizational factors into probabilistic risk assessment of complex socio-technical systems: Principles and theoretical foundations. *Safety Science*, 47(8), 1139–1158.
17. Mojapelo, J., Mafini, C., & Dhurup, M. (2016). Employee perceptions of occupational health and safety standards in the steel industry. *International Journal Of Social Sciences And Humanity Studies*, 8(2), 1309–8063.
18. Turner, B.A., Pidgeon, N., Blockley, D., Toft, B., 1989. Safety culture: its importance in future risk management. In: Second World Bank Workshop on Safety Control and Risk Management. Karstad, Sweden.
19. Uttal, B., 1983. The corporate culture vultures. *Fortune* 108, 66–72.
20. Vieira, E. T. (2017). Introduction to Real World Statistics : With Step-By-Step SPSS Instructions, (March).
21. Warszawska, K., & Kraslawski, A. (2016). Method for quantitative assessment of safety culture. *Journal of Loss Prevention in the Process Industries*, 42, 27–34.
22. Zhang, Hui, Wiengmann, Douglas A., von Thaden, Terry L., Sharma, Gunjan, Mitchell, Alyssa A., (2002). Safety Culture: A Concept in Chaos? Human Factors and Ergonomics Society, Santa Monica, USA.