References

- 1. Chen L, Yan X, Gao C. Apparel Design Safety and Production Criteria and Models. *FIBRES & TEXTILES in Eastern Europe* 2016; 24, 6(120): 32-38.
- 2. Akbar-Khanzadeh, F et al. Comfort of personal protective equipment. *Appl Ergon*. 1995; 26(3): 195-198. DOI: 10.5604/12303666.1221734.
- 3. Jabłoński J et al. Product ergonomics: principles of ergonomic product design. Poznań: Poznań University of Technology; 2006 (in Polish).
- 4. Psikuta A, Mert E, Annaheim S, Rossi RM. 3D body scanning technology and applications in protective clothing. In: Song G, Wang F, editors. Firefighters' Clothing and Equipment: Performance, Protection, and Comfort. Boca Raton: CRC Press, 2019; 269-284.
- 5. Bogović S, Stjepanovič Z, Cupar A et al. The use of new technologies for the development of protective clothing: comparative analysis of body dimensions of static and dynamic postures and its application. *Autex Res J*. DOI: 10.1515/aut-2018-0059.
- Frydrych I, Cichocka A, Gilewicz P, Dominiak J. Thermal Manikin Measurements of Protective Clothing Assemblies. *FIBRES & TEXTILES in Eastern Europe* 2018; 26, 1(127): 126-133. DOI: 10.5604/01.3001.0010.7808.
- 7. Directive 89.686/EEC: Personal Protective Equipment. [updated 2016 Jan 12], Available from: <u>http://eur-lex.europa.eu/legal</u> (accessed 10.08.17).
- 8. ISO 13688:2013. Protective clothing .General requirements.
- 9. EN 469:2014. Protective clothing for firefighters. Performance requirements for protective clothing for firefighting.
- 10. Majchrzycka K et al. Methodology for assessing the utility properties of ballistic products, Part I., Part II. *Przegląd Włókienniczy Włókno Odzież Skóra* 2011; 10: 21-23 (in Polish).
- 11. Majchrzycka K et al. Ergonomics assessment of composite ballistic insert for bullet- and fragment proof vests. *Int J Occup Saf Ergo*. 2013; 19(3): 387-396.
- 12. Breeze J et al. Comparing the comfort and potential military performance restriction of neck collars from the body armor of six different countries. *Military Medicine* 2011; 176(11): 1274-1277.
- 13. Huck J. Restriction to movement in fire-fighter protective clothing: evaluation of alternative sleeves and liners. *Appl Ergon.* 1991; 22(2): 91-100.
- 14. Coca A et al. Effects of fire fighter protective ensembles on mobility and performance. *Appl Ergon.* 2010; 41(4): 636-641.
- 15. Hu H et al. Investigation on Ergonomics Characteristics of Protective Clothing Based on Capture of Three-Dimensional Body Movements. *Lecture Notes in Computer Science* 2007; 4561: 856-864.
- 16. Irzmańska E et al. A new method of ergonomic testing of gloves protecting against cuts and stabs during knife use. *Appl Ergon.* 2017; 61: 102 -114.
- 17. Luo C et al. Design feature analysis and pilot ergonomic evaluation for protective fire gear. *Procedia Engineering* 2012; 43: 374-378.
- 18. Havenith G et al. A test battery related to ergonomics of protective clothing. *Appl Ergon*. 2004; 35(1): 3-20.
- 19. Bartkowiak G et al. Fabric selection for the reference clothing destined for ergonomics test of protective clothing physiological comfort point of view. *Autex Res J.* 2016; 16(4): 256-261.
- 20. Bartkowiak G et al. Fabric selection for the reference clothing destined for ergonomics test of protective clothing sensorial comfort point of view. *Autex Res J.* 2017; 17(4): 303-312.