

Abstract

Title: Characteristic of 100 meters hurdle at fire sport

Objectives: The main goal of this bachelor thesis was a literary research and detailed characterization of 100 m hurdle race in fire sport according to available information from literature as well as internet sources.

Methods: The criteria for inclusion in this thesis were primarily specific keywords. It was a category of following terms, such as (in Czech): požární sport, běh na 100 m s překážkami, technika v běhu na 100 m s překážkami, výsledky, analýza běhu. Research of foreign sources was also important. Keywords from foreign resources were: fire sport, 100 metres hurdles. Keywords for sources from Russian literature were (in Russian): preodoleniye 100- metrovoy polosity s prepyatstviyami.

Results: The discipline in 100 m hurdle race was described based on available sources within historical context from past to present. At the same time, technical and material parameters of hurdles and equipment were described. Also, this thesis points out the different techniques in leaping over hurdles, which could be “valivý” style, “na rusa” style, and “skrčka” style. Then, the technical execution of the whole discipline is described by each section of the race from start to finish. The thesis also addressed the development of Czech and Czechoslovakian record and then compares it to records in Russian Federation. It is safe to say that after the initial significant difference in records of representatives from Eastern Europe and representatives from Czechia, the differences of records of elite firefighter hurdlers is in the present-day equalizing. The thesis also presents a possible analysis and structure of 100 m hurdle race in fire sport which could be elaborated on in further final theses.

Keywords: fire sport, technical execution of discipline, development of records in 100 m hurdle race in fire sport, analysis and structure of 100 m hurdle race