

SAVONIA UNIVERSITY OF APPLIED SCIENCES

Degree Programme

Fire Officer (Engineer)

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Fire Department of Lapland

Abstract

The aim of this final project was to create a strategy for ensuring the fire extinguishing water supply in case of fires and emergency conditions. The strategy is based on an existing contract on how the Fire Department of Lapland deploys its units and personnel. Also, in the strategy it is determined how the department responds to demands of water supply for fires and emergency conditions in the current situation and how to develop the water supply in the future.

The strategy was made by clarifying the number of units, their deployment and the efficiency of water supply operations. In the strategy it is stated how the Fire Department of Lapland should improve the water supply using fire hydrants, natural water sources and how the department should develop co-operation with actors supplying fire extinguishing water in normal conditions. Also, a proposition for improvement of preparing for emergency conditions such as power failures and in case of large scale fires is included in the strategy.

The Fire Department of Lapland has accepted the results of the study and the strategy and it will be in use until 2016 when a new strategy will be made.

Keywords

extinguishing water supply, Fire Department of Lapland

Confidentiality

public