

ABSTRACT

This research is focused on risk assessment of fire in urban areas. Due to increase in urbanization and industrialization communities are moving towards urban areas which give rise to rapid increase of population day by day and leads to construction of various buildings, shops, houses which are not according to fire safe building designs. Fire and rescue department 1122 Punjab ensured that there is not proper awareness and training among people, fire incidents are increasing due to lack of awareness. This research is based on fire risk assessment in Main New Anarkali, Lahore. A total of 100 questionnaires were filled out about risk of fire in study area. The survey in Main New Anarkali is conducted and noticed that there was lack of awareness, no training skills, lack of proper shop designs, no proper safety measures taken spiraled electric wires from electric poles, uncovered transformer from rain water and transformer was carrying over voltage which gives rise to major causes such as short circuit, generator fault, candle, smoking etc. Land use and fire risk map is prepared which indicates land use in study area and all land use present there are on high risk of fire. This research give its contribution to assess risk of fire in urban areas specially study area which is on high risk of fire. Government and fire rescue department should pay deep attention on the urban areas to save community and economic values from huge loss in future.