

ENVIRONMENTAL CONCERNS RELATED TO TEXTILE INDUSTRY

Pooja & Sandeep Bains

*Research Scholar, Department of Apparel and Textile science, College of Community Science,
Punjab Agricultural University, Ludhiana, Punjab, India*

ABSTRACT

The textile industry is one of the largest industries in the world, in context of its output or production and employment. The small and large scale operations in this sector contribute much to the economy, but also cause precarious effects on environment. A textile mill can cause pollution in the form of air pollution or water pollution or noise pollution. Among the three types water pollution is considered to be more hazardous as it is caused by the discharge of untreated effluents. Because of scarcity of land many textile industries are located nearby households. So any minor disaster will ultimately cause greater damage to large population near and far the unit. According to United Nations Environment Programme (UNEP, 2010) every year, 400-500 million tons of deadly chemicals like cyanide, sulphur and other radioactive substances are discharged into water. Other environmental issues of equal importance are air emission, notably Volatile Organic Compounds (VOC)'s and excessive noise or odor as well as workspace safety. Environmental pollution risk analysis and risk management in textile industry is vital in order to prevent chemical disaster which may lead to terrible results. It is also important to maintain production level at the same time. This paper aims to identify and analyze the pollution due textile industry and steps to reduce the risk which arises due to the pollution.

KEYWORDS: *Textile Industry, Air Pollution, Water Pollution, Dyes, Pollutants, Control Measures*

Article History

Received: 11 Aug 2021 | Revised: 12 Aug 2021 | Accepted: 19 Aug 2021
