

**RESEARCH PROJECT ON**

**IDENTIFICATION OF PHYSICAL AND ENVIRONMENTAL RISKS AND  
HAZARDS IN THE MANUAL HANDLING OPERATION ON SACK AT  
“BADAMTOLI”**

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## **1. Abstract**

### **Introduction: -**

The study has been conducted on identification of physical and environmental risks and hazards on the manual handling operation of sack at "Badamtoli". As a method of conducting the study, the researcher collected information by face-to-face interview and observation and then organized the information, with table, and then discussed about the findings. In this way a conclusion was achieved.

### **Methods: -**

A non-experimental quantitative survey method was chosen for this study, which is cross-sectional. The information's has been collected at the same place at the same time. Convenience sampling method was used for selecting subjects. The subjects were 40 people, who were working in manual handling operation with sacks.

### **Study design: -**

The researcher first identified the group of people he wanted to study and then collected information so that the study was of prospective survey design.

**Analysis: -**

Data were analyzed by using descriptive statistics. Because the data in the study were summarized derived from sample.

**Results: -**

The findings showed that there are some physical and environmental risks and hazards in this manual handling operation. The risks and hazards are cluster environment, slippery area, dust, long carrying distance, heavy load, poor lighting, lifting, unnatural posture, back injury, neck injury, asthma, dust allergy.

**Key words: -**

Manual handling operation, risks, hazards, physical risks and hazards, environmental risks and hazards.