

SOS POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

MBA HRD 405

SUBJECT NAME: INDUSTRIAL PSYCHOLOGY



TOPIC NAME: INDUSTRIAL ACCIDENT

INDUSTRIAL ACCIDENT





- An accident is a **unplanned and un-controlled** event happened results in **injury**.
- “IA- is an **occurrence** in an **industrial premises** causing **physical injury** to an employee which make him **unfit to resume** his duties in the **next 48 hours**”
 - - FACTORIES ACT-1948

Causes of Accidents



- Accidents are usually the **result of combination of factors** which differs from different situations.
- There is **no single cause** for an happening of accidents
- They can also determined by an tool **called Fish-Bone Analysis.**

Causes



- **Unsafe Condition**
- **Unsafe Acts**
- **Other Cause**

Unsafe Conditions



- They are **work related causes.**
- They are associated with **defective plants, equipments, tools, buildings (Technical Factors)**
- They are also **associated with work-related factors:**
Nature of jobs, Nature of machinery and Equipments, Poor physical conditions, Psychological climate, Work schedules.

Unsafe Acts



- Results in **lack of knowledge or skills** on the part of employees:
 - Operating without Authority
 - Failing to secure the equipment
 - Carelessness
 - Sped processing
 - Unsafe procedures
 - Unsafe equipments
 - Improper lifting

Other Causes



- Happening **due to unsafe situations, climate conditions** and variations:
 - Bad working condition
 - Rough & slippery floors
 - Behavior of superiors
 - Addiction to alcohol & drugs

Preventions of Accidents



Use of Safety Device



Safety Committees



Safety Training



Sign Boards



Safety Drills

Statutory Provisions



Factories Act 1948 prescribed **safety provisions**
contained in section's 21-41

- Fencing of Machinery (21)
- Work on or near machinery in motion (22)
- Employment of Adolescents on dangerous machines (23)



- Striking Device Gear (24)
- Self Acting Machines (25)
- Casing of machineries (26)



- Prohibition of women's or children's near machines (27)
- Hoists & Lifts (28)
- Lifting Machines, chains (28)
- Revolving Machinery (30)
- Pressure Plants (31)
- Floors stairs, other means of access (32)



- Pits and openings in floors (33)
- Excessive weights (34)
- Protection of eyes (35)
- Precaution against dangerous fumes (36)
- Precaution against electric lights (36 A)
- Explosive or inflammable gas or dust (37)



- Precautions in case of fire (38)
- Safety of Building and Machinery (40)
- Power to make Rules (41)



THANK YOU