

R Risk
B Based
P Process
S Safety
M Management



Talks Material for Risk-Based Process Safety Management

Risk-Based Process Safety Management (RBPS) is a systematic approach to identifying, evaluating, and managing process safety risks in any industry

RBPS incorporates a framework of 22 elements which include [process safety culture](#), [hazard identification](#) and [risk assessment](#), operational controls, incident investigation and many more.

The main aim of RBPS is to prevent process safety incidents, by identifying and addressing the risk at the earliest stage before any loss or harm can occur.

FFC-MM Element Teams have developed **One Page Talks** on each element for **discussion within groups**

<http://safetymm.ffc.com.pk/PSMTalkLit.html>

Main goal of these talks is to develop understanding & establish a **strong safety culture** where employees are aware of the **importance of safety** and are **actively engaged** in the **RBPS process**

PSM Talks shall be discussed in special safety discussions or as quality talks with maximum participation

RB-PSM ELEMENTS

CULTURE

- Management Commitment
- Policies & Principles
- Integrated Organization Structure
- Line Management Accountability & Responsibility
- Goals, Objectives & Plans
- Safety Personnel
- Procedures & Performance Standards
- Training & Development
- Effective Communication
- Motivation & Awareness
- Audits & Observations
- Incident Investigation

PERSONNEL

- Management of Change – Personnel
- Emergency Preparedness and Contingency Planning
- Contractor Safety Management

TECHNOLOGY

- Risk Assessment and Process Hazards Analysis
- Management of Change -Technology
- Process Safety Information

FACILITIES

- Quality Assurance
- Pre-start-up Safety Reviews
- Mechanical Integrity
- Management of Change – Facilities

safety is not a gadget – but a state of mind