

Advanced Behavioural Based Safety

Do you want to create a sustainable safety environment?
Do you want to boost the safety index humanely?

Introduction

Behaviour-based safety is becoming more critical and essential, especially at the industry 4.0. Some managers and union representatives are frustrated with their current program and its lack of progress. They want to try something that they think is new. One cannot fault them for their desire to improve. Unfortunately, behaviour-based safety programs are just a re-tread of old, outdated ideas and strategies that have never been proven effective. Other managers are interested in behaviour-based safety because they realise this approach shifts responsibility for health and safety to their workers and does not require a significant change in the management system. They understand that the emphasis will be on changing the worker and holding the worker responsible for injuries and illnesses.

Program Objectives

This program aims to:

- Understand the in-depth of behavioural based safety
- Integrate organisation strategy into BBS to achieve zero accident rate.

Learning Outcomes

After complete this program, the participants should be able to

- Understand the essentials of behavioural based safety
- Create a strategy to boost safety environment in the humane approach

Who Should Attend ?

Safety officers, safety coordinator officer, quality officers, managers and all senior management

Methodology

Interactive lecture, videos, presentation, discussion, case study, case simulation, Socratic questioning, flipped classroom, brain-storming, worksheet, problem solving, inductive method, team exercise, peer to peer, action learning, coaching and mentoring

Program Outline

Day One	
9:00am-10:30am	<p>Fundamental of Behavioural Based Safety</p> <p>The behaviour-based safety system is severely limited because it primarily considers the behavior of workers. In this module, the participants would start to understand the concept of behavioural based safety and the model. The participants would learn the fundamental concept of behavioural based safety. In this module, the participants would look into the evolution and the application of behavioural based safety in the organisation.</p>
10:30am-11:00am	Tea and Networking
11:00am - 1:00pm	<p>Factors of Injuries and Illness</p> <p>Every injury and illness is caused by exposure to a hazard, and there are no exceptions. Hazards include any aspect of technology or activity that produces risk. If the work methods designed and prescribed put employees at risk, those work methods are hazardous. Hazards vary in level of risk. Injuries and illnesses occur when our bodies come in contact with levels of energy or toxic material that are greater than the threshold that our bodies can withstand. Normally, the greater the amount of energy or the more toxic the material, the greater the severity of injury or illness. However, many illnesses can occur when we are exposed repeatedly to low levels of energy or toxic materials.</p>
1:00pm - 2:00pm	Lunch and Networking
2:00pm - 3:30pm	<p>Hazards: Advanced Method of Handling</p> <p>The hierarchy recognizes that design, elimination, and engineering controls are more effective in reducing risk than lower level controls such as warnings, training, procedures, and personal protective equipment. The hierarchy can be found in almost every competent manual on health and safety. In this module, the participants would learn the hierarchy of health and safety control that includes elimination of the injurious substance or sources, reduction of the original amounts or volumes or frequency of use of the injurious, substances or sources, removal of injurious substances or sources after use, isolation, guarding, or enclosing of the injurious substances or sources, control of unsafe personal acts, and provision of personal protective devices.</p>
3:30pm - 4:00pm	Tea and Networking
4:00pm - 5:00pm	<p>Behavioural-based Safety Approach: Opportunity and Challenges</p> <p>In this module, participants would start to compare professional health</p>

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	and safety approaches and behavior-based safety and the participants would discuss the strengths and limitations of worker involvement and participation. Participants would convert all the challenges into the opportunity in the organisation.
Day Two	
9:00am - 10:30am	<p>Behavioural-based Safety as Modern Quality Approach</p> <p>Behavior-based safety is consistent with modern approaches to quality and Dr. Deming’s teachings. The participants would look into concepts such as where to control hazards, relationship to modern quality as advocated by Demining, hierarchy of control, employee involvement, ergonomics, chemical exposure and other risks. In this module, the participants would learn how to manage the fear and under-reporting of injuries and illnesses.</p>
10:30am - 11:00am	Tea and Networking
11:00am - 1:00pm	<p>Human errors: Preventable Risk</p> <p>One of the major assumptions of behavior-based safety programs is that human error and mistakes arising from the intended use or foreseeable misuse of tools, machinery, and equipment are most effectively addressed using behavior modification methods. If we each just think about experiences in our daily lives, the error of this approach will be obvious.</p>
1:00pm - 2:00pm	Lunch and Networking
2:00pm - 3:30pm	<p>Creating Sustainable Behavior-based safety Strategies</p> <p>Most behavior-based safety programs often incorporate incentive programs, bingo games, and other forms of “rewards” that discourage workers from reporting injuries and illnesses. These programs pit workers and departments against one another. Modern quality programs suggest that it is best to “make problems visible.” Incentive programs demean workers and make problems invisible, ensuring that they will go uncorrected.</p>
3:30pm - 4:00pm	Tea and Networking
4:00pm - 5:00pm	<p>“Deskilling” the Health and Safety Profession</p> <p>Behavior-based safety is reducing the required skill level of the health and safety profession. Companies are being misled into thinking that people walking around the plant with clipboards inspecting for compliance with procedures and personal protective equipment compliance is health and safety. Trained, experienced health and safety professionals are being replaced with consultants with no training in the field.</p>

