

# SAFETY basic concept?

In our daily industrial activities we use the word safety so many times. We all know that safety mean “Protection from harms”, but to know the depth and concept of safety is rare. Safety is an acronym. It is a combination of six (6) different alphabets S+A+F+E+T+Y, and each alphabet has special significance.

In safety S stands for “System”, A for “Awareness”, F for “Feasible”, E for “Evaluable”, T for “Traceable” and Y for “You and Me”.

The importance of this article is that I am using two new concepts that is ‘6M’s and “You and ME”.

**S**ystem is a set of interrelated entities i.e. Man, Money, Materials, Machines, Minutes and Methods (‘6M’s) . Without a system the concept of safety is fruitless. In safety “system” does not mean only the area where we are working, it means that inside and outside the boundaries make a complete system i.e. inside and outside the plant/working area. But most important and dependable area in safety is working area that is outside area also dependent on it.

**Safety is a characteristic of system components;** Safety is developing property of system components which may vary from system to system. It’s a fact that safety does not reside in a person but it is also a fact that safety is not only depend on person who is working there, other components i.e. Material, machines, methods, Minutes and Money are also important key factors for safety system. Safety in any system is always dynamic; continuous systematic change insures that hazard and its management is in need of constant change.

**A**wareness is second phase in safety in which a person who are working in an area/task must have a sufficient knowledge of that area/task. Without awareness concept of safety is not completed. For example in our daily life we observe so many major and minor accidents / Incidents and if we investigate the root cause of that accident/ incident so 90% are because of lack of awareness of their working area or lack of information related to his respective task.



**F**easible is third phase in Safety planning, milestone and objectives are realistic and achievable. I observed during my professional experience that many safety Consultants fire blank arrow in the sky. They did not know the actual scenarios, not clear about their goals and objectives which they set, having unrealistic approach results in the failure of safety system. The whole system must be feasible so that the desired safety goals and objectives will achieve.

**E**valuable; forth and problematic phase in safety, in which evaluation is carried out of the employees according to the system for the achievement of the desired goals and to improve their skills as per requirement. It also means that the safety system must be Evaluable to know the significance of the system for continual improvement.

**T**raceable; traceability has most significant role in any system. It refers to the completeness of the

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information about every step in a system. Each and every step at any phase must be traceable to reduce the ambiguity and to safely accomplish the tasks as per requirement.

**Y**ou and Me: It is the most important and valuable phase in any safety system implementation. To

implement this safety system effectively is the core responsibility of you and me i.e. all of us to feel the responsibility. It's a hard fact in our industries that peoples say that it's not our responsibility, but we have to change this culture by using "You and Me" method. It's neither yours nor my but the responsibility of both "You and Me".

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