SAFE TEA TIME

Tech Talk

by ***Ir. Shum Keng Yan,*** *MIEM, P. Eng.*

WE last looked at Safety as a Value. Let me now use a very simplified model on how to look at safety from a different perspective.

Safety can be divided into Technical Safety and Behavioural Safety.

1. Technical Safety

Technical Safety is what we traditionally look at – the Management System Model (*e.g.* OHSA 18001). This portion looks at "HOW TO DO IT". The concept is pretty simple – it is based on Plan–Do–Check–Act. Let me illustrate it with a table (I took the liberty to place it side by side with the EHS and Crisis Management):

The table is useful as a guide when you need to start a safety program. In the Technical Safety bucket, we have traditional programs such as Job Safety Analysis, Working at Heights, Confined Space work, Permit Systems, *etc.*

2. Behavioural Safety

The second portion is the Behavioural Safety part. This portion looks at the leadership and marketing part of safety. This also covers desired behaviours, unintentional/intentional behaviours and habits. It is basically the "WHY WE NEED TO DO IT" portion.

There are interactions between the two portions and I will discuss that in the future. We need to first have Technical Safety as a foundation.

To share your views on how leaders influence safety and topics that you have interest in, drop me a note at *via pub@iem.org.my*. ■

I realised that "Common Sense" does not equate to "Common Practice"! Common Sense is only common to the person who knows it! May I wish you and your loved ones a Happy, Healthy, Safe and Prosperous New Year!

	Environmental	Health	Safety	Emergency Situation
P	Person in Charge (*e.g.* Env. Control Officer) Discharge Limits	Person in Charge (*e.g.* Hygienist, OHDoc) Workplace Limits	Person in Charge (Safety Officer) Action Limits	Person in Charge (*e.g.* Emergency Controller)
D	Inventory Environmental Impact Control Measures	Hazard Identification Risk Assessment Control Measures	Hazard Identification Risk Assessment Control Measures	Facts of the Case Situation Assessment Immediate Actions
C	Monitoring Calibration Reporting to authorities Complaint Handling	Monitoring Approved Specialist Reporting to authorities Internal Complaint Handling	Monitoring Approved Specialist Reporting to authorities Near Miss Reporting	Situation Monitoring Coordination of resources Reporting to other levels Internal Risk Review
A	Awareness (resouce conservation) Minimization/Optimisation Programs Review Records Retention	Awareness/Promotion Improvement Programs Review Records Retention	Awareness/Promotion Improvement Programs Review Records Retention	Awareness-drills/trainings Contingency/Continuity Plans Review Records Retention

Circulating in cyberspace ...

Life

A thirty-second speech by Bryan Dyson (former CEO of Coca Cola):

"Imagine life as a game in which you are juggling some five balls in the air. You name them - Work, Family, Health, Friends and Spirit and you're keeping all of these in the air.

You will soon understand that work is a rubber ball. If you drop it, it will bounce back.

But the other four balls - Family, Health, Friends and Spirit - are made of glass. If you drop one of these; they will be irrevocably scuffed, marked, nicked, damaged or even shattered. They will never be the same. You must understand that and strive for it."