

SAFETY TRAINING

SAFETY



“SAFETY IS UP TO YOU”

“IT IS VERY DELEGATE”

“HANDLE IT CAREFULLY”

SAFETY AWARENESS

SAFETY IS REQUIRED TO US

AT ALL TIME &

AT ALL PLACES.

LIFE IS PRECIOUS HANDLE WITH SAFETY MIND.

IF WE LOST PARTIALLY OR PERMANENTLY ANY PARTS OF OUR
BODY, NO ORIGINAL SPARES PARTS AVAILABLE.

WE HAVE GOT UNIQUE GIFTS OF LIFE.
SAFETY REQUIRED FOR HEALTHY LIFE.

**YOUR FAMILY, COMPANY & SOCIETY NEEDS YOUR
CONTRIBUTION**

UNDERSTAND, LEARN & PRACTICE SAFETY

SAFETY AWARENESS

SAFETY means:

Elimination of RISK from your surroundings &
Achieving TASK without any Accident.

What are risks in your area?

Unsafe action. = 80%

Unsafe condition = 18 %

Natural calamities = 02 %

What is accident?

It is unexpected and unwanted event which may or may not cause injury to person is called as Accident.

Risk >> Accidents >> Loss

What we want to achieve in safety ?

Zero accidents.

How to achieve zero accidents?

Learning to identify & arrest risks. Practicing safe work.

COMPANY SAFETY PHILOSOPHY

- **TKM believes in a safe & healthy work environment. TKM is concerned about the health & safety of all employees.**
- **Every effort is made to include safety in the manufacturing processes & the plant work area.**
- **All TMs requested to adhere to the safety & health standards & practice safe work.**

“SAFE” WORK IS THE DOOR TO ALL WORK. LET US PASS THROUGH THAT DOOR EVERY DAY.

-EIJI TOYODA

1. Loss to individual due to accident

Accidents cause :

1. Pain & suffering
2. Loss of limb / any part of the body,.
3. Life long suffering,
4. Low work efficiency &
5. Social life enjoyment reduces.



Only one earning member in a family, whole family will cripple in case of fatal accident. Rehabilitation will not support the family for long term, the positive approach is to avoid accidents.

Team members are greatest assets.

All are to be safe on the job or off the job.



Loss to the organization due to accident

In case of an accidents there will be an confusion & hesitation in the work place.

Direct loss = Prod loss, material / equipment
= Man-hours loss self & others.

Indirect loss = Image Loss
= Loss of Skilled Member
= Idling of team.
= Time of individual & sympathizers,
= Loss of morale.

Indirect cost \geq 6~8 times of direct cost.

LOGISTIC SHOP SAFETY BASICS

In LOGISTIC shop following activities are having significance to safety .

- 1. Vanning , Devanning & Truck un loading
- 2. Material & Man Movement.
- 3. Hoist Movement.
- 4. Tow motor / forklift driving.
- 5. Equipment operation.

•Proper Safety gears should be used while doing Process.

•Each person should confirm his process before start & end of work.
(Self audit)

•Safety rules should be followed.

•Identifying unsafe condition & taking countermeasure will create safe working environment.

•In case of abnormal or unknown condition STOP,CALL & WAIT.

LOGISTIC SHOP BASIC RULES

Important points to be taken care to avoid possible danger in LOGISTIC



Wear correctly the safety gears **required** to carry out Job.

LOGISTIC SHOP BASIC RULES

SAFETY ITEMS TO BE OBSERVED

1) Be sure to wear Protective Gear

- wear specified safety device in correct manner to protect yourself from injury

2) Keep in mind about 5 S

- Keep our area all ways clean, to improve safety.

3) No Smoking except specified area

- Be sure that your smoking area is a specified area.

4) Do not walk with your hands in your pocket. respond when some thing suddenly which will lead to serious accident.

- You cannot quickly happen

5) Do not run in shop floor even if your are in hurry. meet with an

Do not run in shop floor you might trip and fall down and Accident.

Causes of Accident: -



Why accidents happen, what are the causes for accidents ?



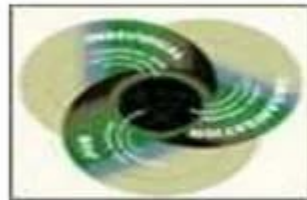
← **Human Related** →

Unsafe act



← **Area Related** →

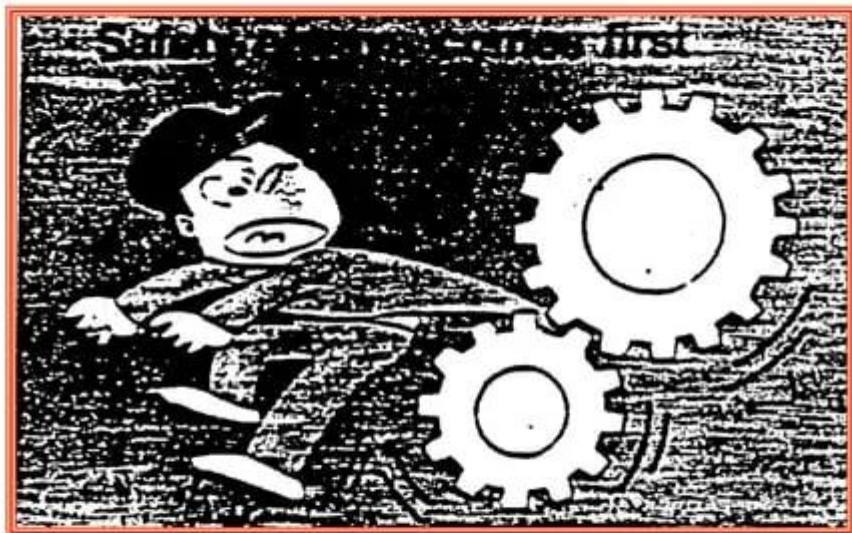
Unsafe condition



← **Environment Related** →

Natural Factors

ACCIDENT CAUSES



Both unsafe act & conditions are there,

- 1) **Unsafe act** : Safety wear not properly wearing.
- 2) **Unsafe condition** : Rotating parts of machine not have covers

UNSAFE ACTION

1. Speed action.
2. Non-standard action.
3. Talking while working.
4. Using shortcut methods.
5. Overloading equipments.
6. Entering unauthorized place.
7. Entering unknown place.
8. Using wrong tool.
9. Using damaged tool.
10. Operating unknown equipment.

UNSAFE CONDITION

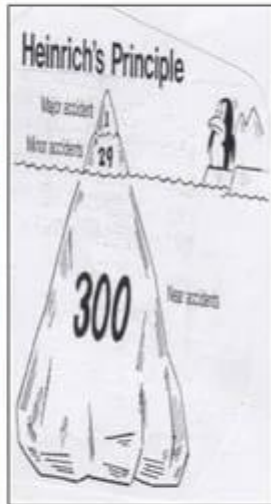
1. Not needed material storage.
2. Not segregated material storage.
3. Materials kept at non-standard location.
4. Dirty area.
5. Wet floor with water.
6. Wet floor with oil/chemical
7. Extreme high / low temperature.
8. Extreme high / low illumination
9. Bad / irritating smell.

Heinrich's principle

A strong influence behind introduction of the near accident report and suggestion system is the safety hypothesis called Heinrich's principle.

This principle states that for each & every major industrial accident there are 29 minor accidents & 300 near miss accidents derived from the same cause.

The idea is to report as many near miss accidents as possible, and to learn from those experiences and there by prevent more serious accidents from occurring



HIYARI HATO

Meaning: **NEAR MISS ACCIDENT.**

This is based on Heinrich's principle.

Your thinking of safety while writing Hiyari hatto.

Purpose:

1. To prevent accidents (based on Heinrich's principle).
2. To cultivate the awareness of safe workplace.

Points:

All team members need to participate in Hiyari hatto activity. Have competition for safety mind. If not achievable by self take support of higher-ups & engineers.

HIYARI HATO

Date :		S & H - 003	
Team Members Experience		Kaizen Contents	
TM No. :	TM Name :	Group Leader Name :	
Department :		Potential Hazard	Frequency Level, <small>eg. Once a day, Once a week, Once a month</small>
In Which Job		Severity Level, <small>eg. First Aid or Absence from duty</small>	
While doing what		Nature of work (Round the applicable one) Routine work, Trouble Shooting, Repair, Adjustment, Arrangement check, Cleaning, Handling, Walking, Other	
		Sketch	
		Kaizen Contents	
What could happen		Kaizen to be completed by (Date)	
What is unsafe		Check <input type="checkbox"/>	
		Comment of Head of Department	
		Signature Head of Dept.	
Routing : Team Member → Group Leader → Head of Department → All Divisions Heads			
Cc : Safety & Health Department for Information			

WELD SHOP SAFETY BASICS

Important points to be taken care to avoid possible danger



Fire extinguishers must be ready, anytime fire may catch

K.Y.T - Kiken Yochi Training

English meaning: Danger Prediction Training.

Kiken – Danger Yochi – Prediction/Anticipation.

- The danger prediction permits employees to act safely & quickly at start of any work.
- KYT is small group activity at work place to create safe working environment. In this environment every member can “**THINK, DECIDE & PERFORM**” by himself in addition to safety awareness.
- When no work instruction is available to avoid safety concerns which suddenly cause unsafe situation needs KYT oath to enhance safety at workplace.

KYT POINTS:

Cause of danger

=Enhance safety awareness

=Active & comfortable workplace.

=Foster the ability of safety alertness

THANK U