



BGP

Behavior Base Safety

Observation

Training

Behavior-Based Safety

Behavior-based safety (BBS) is "A process that creates a safety partnership between management and employees that continually focuses people's attentions and actions on theirs, and others, daily safety behavior. BBS "focuses on what people do, analyzes why they do it, and then applies a research-supported intervention strategy to improve what people do

Behavior Base Safety Observation (BBSO)

Behavior based safety observations (BBSO) are an integral part of behavior based safety programs, which aim to reduce the number of incidents by recognizing safe behavior, and eliminating the need for unsafe behavior.

The general idea is that by creating safe work habits through observations, the number of incidents will decrease among workers. A behavior based safety observation (BBSO) is a safety observation related to the behavior of an BGP or contractor where the observation

- is related to safe or unsafe behavior
- provides immediate feedback to the colleague or contractor
- is documented

Aims and Benefits of BBSO

The Aims of BBSOs are:-

- To Intervene to reinforce safe behavior or change unsafe behavior or conditions
- To Modify behaviors such that safe behaviors are re-enforced, and at-risk behaviors are eliminated
- To recognizing both safe and at-risk behavior
- Not fault finding – it is a way to take care of others (No Blame Culture)

The Benefits of BBSOs include:

- The focus of attention and recognition on both safe and at-risk behaviors
- The “permission” to provide feedback and learn from one another
- The opportunity to enable all colleagues to make a contribution toward safety
- Fostering of open communication about safety issues
- A constant reminder of workplace safety

WHAT IS BEHAVIOR

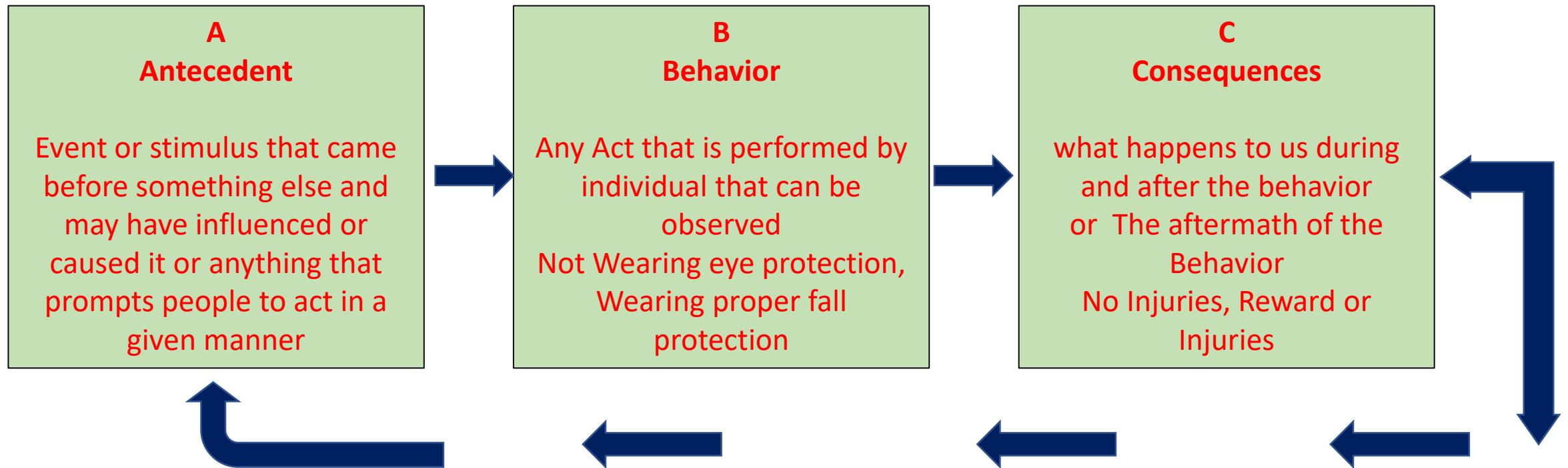
There are numerous definitions for “Behavior” For use in Behavioral Based Safety, we define behavior as:

“The Way People Act”

Observable, surfacing in the work place Underlying, recognizable from prior work processes, (e.g. work planning, preparation, design)

ABC Model

Why People Do What They Do



Consequences for current or past behavior have the strongest influence on our future behavior

Objective of BBSO Training

The objective of BBSO training is to make you a “Skilled Observer of peoples work practices” by focusing on safe and Unsafe Behavior and eliminating injuries through DISCUSSION AND CONVERSATION as

- All accidents and injuries can be prevented.
- All occupational illness can be prevented.
- Safety is everyone’s responsibility.
- Safety is a condition of employment.
- Training is an essential element for safe workplaces

People are the most critical element in the success of a safety and health program.

WHY?

You must concentrate on people because their actions and behavior will tell you whether they are working safely or not.

HUMAN BEHAVIOUR

- **A Safe behavior** -is one that does not expose himself and other employees to the risk of accident or injury.
- **An Unsafe behavior** -is one that expose and can cause accident or injury to himself and other employees.



HOW ARE ACCIDENTS CAUSED

- **Procedures and Orderliness** (Not followed, Shortcuts)
- **Personal Protective Equipment (PPE)** (Improper use PPE or working without PPE)
- **Tools and Equipment** (Improper use of tools, or use of defective tools)
- **Positions of People** (Wrong position)
- **Reactions of People** (Actions of People)
- **Other Causes** (Miscellaneous)

When Someone Is Working Safely

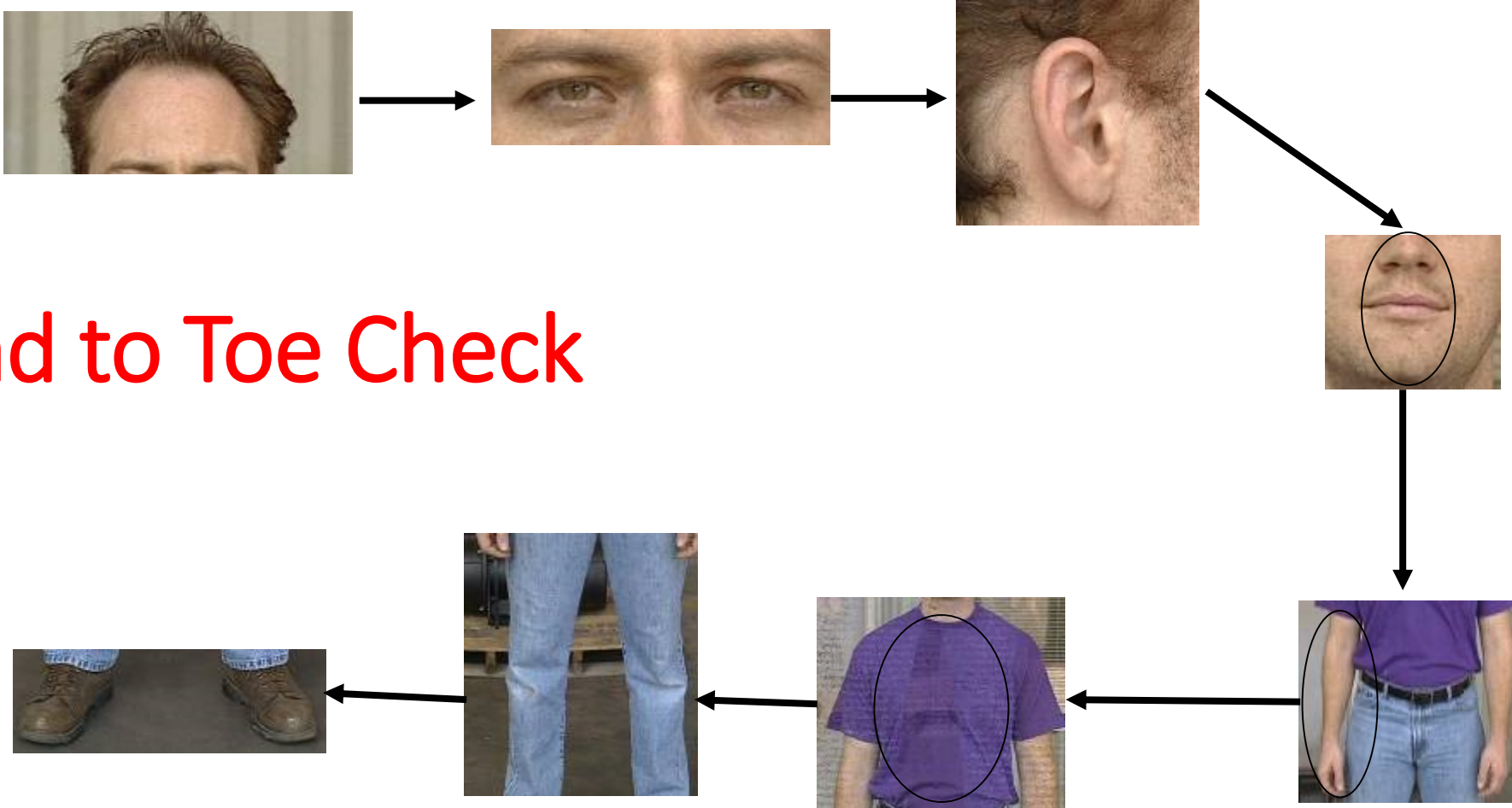
- **Observe**
- **Get the person's attention.**
- **Comment on what is safe.**
- **Discuss other safety issues of the job.**
- **Thank the employee**
- **Write the BBS Observation Card** (in Next slide , How to write a BBSO Card)
- **Submit to HSE office or Your Supervisor for further action**

When Someone Is Working Unsafely

- **Observe; then get the person's attention.**
- **Comment on what is Unsafe.**
- **Discuss with the employee**
 - The possible consequences of the unsafe act.
 - Safer ways to do the job.
- **Get the employee's agreement to work safely in the future.**
- **Discuss other safety issues of the job.**
- **Thank the employee.**
- **Write the BBS Observation Card** (in Next slide , How to write a BBSO Card)
- **Submit to HSE office or Your Supervisor for further action**

How to Observed

Head to Toe Check



How to Observed

Using the BBSO
Technique

ABBI

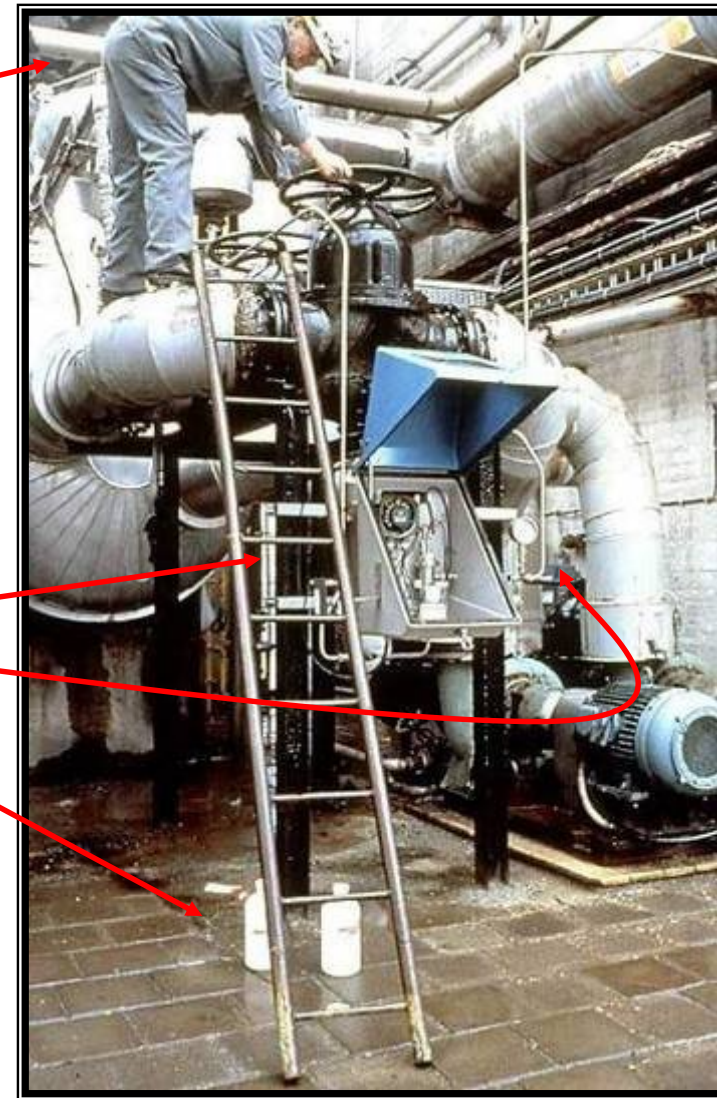
Look ...

Above

Below

Behind

Inside



How to Observed

Using the BBSO Observation Technique



Listen ...
Unusual sounds ...



Smell ...
Unusual odours ...



Feel ...
Unusual temperatures or vibrations ...



Conducting a Successful Observation

Don't Hide let the person or people you are observing know you are there

Observe “Can the employee perform the task safely?” “Do I see anything that concerns me?”

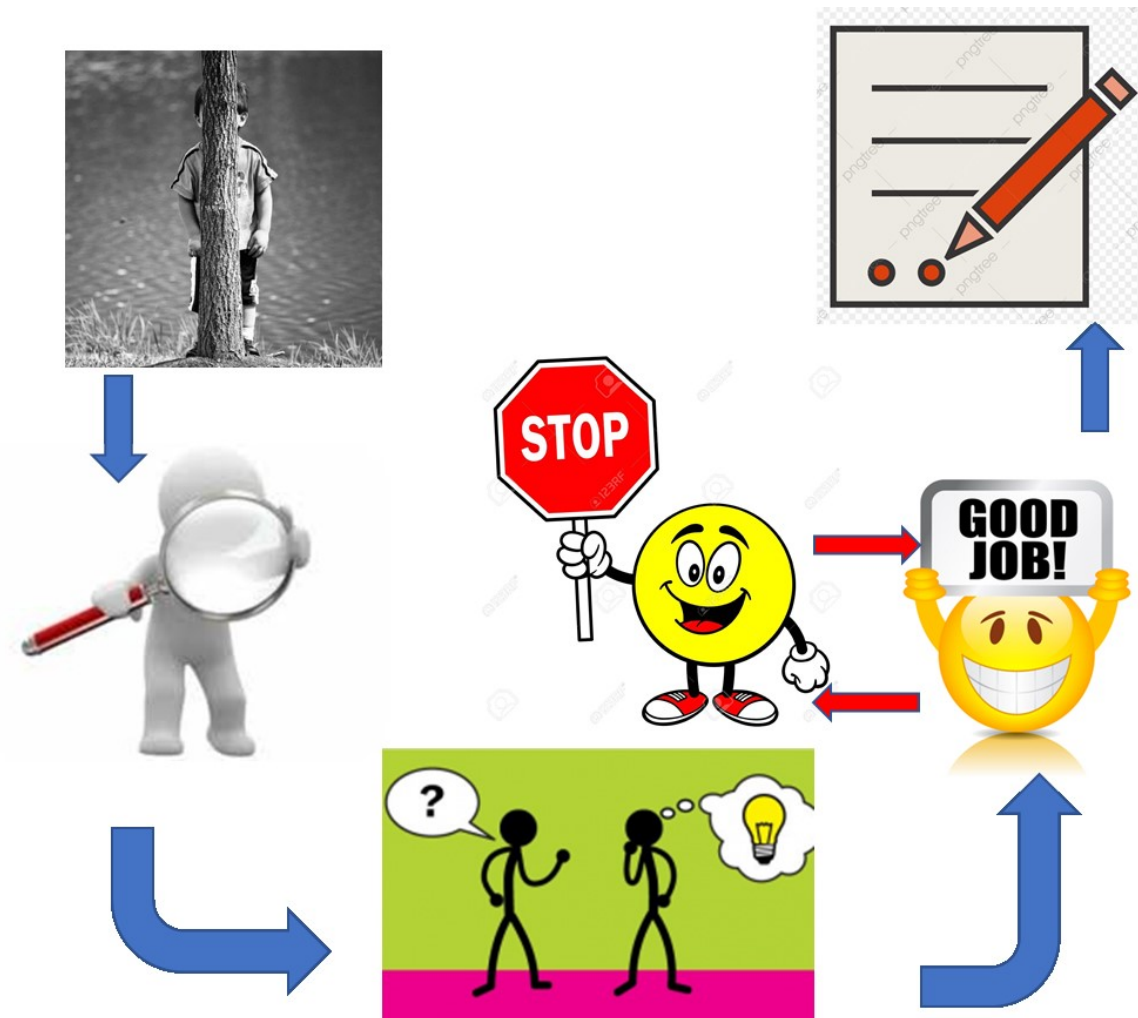
Your observation should find if workers can perform the task safely.

Ask If you see a safe precaution being taken or an exposure to risk, ask the most appropriate questions. For example: Why did you do it that way? Is that the way you always do it?

Reinforce importance should be placed on reinforcing what the worker is correctly doing to ensure that he is not just being lucky when it comes to injury prevention. If an individual has performed a discretionary precaution while performing the work, this is an excellent time to reinforce precisely what you observed and encourage him/her to continue.


Act Stop and discuss any unsafe act and rectify it, when a risk is identified during an observation, expressing concern is a preferred approach rather than stating someone is “at risk” and “unsafe.”

Report write the observation on BBSO Card and report to supervisor or HSE department





BGP HSE Observation Card

**BGP HSE Observation Card**

Observed by _____ Department _____

Location _____ Date _____

Department you Observed/Involved

☐ Survey ☐ Journey Management

☐ Recording ☐ Mechanic Workshop


☐ Vibrator ☐ Recording Workshop

☐ QC ☐ Camp/Catering

What you observed

Action Taken/Required

Any Suggestion/Positive Observation

**BGP HSE Observation Card**

Type of Observation

☐ Near Miss ☐ Unsafe ACT ☐ Unsafe Condition ☐ Observation

Behavior Observation Checklist-Mark if Unsafe

Reaction of People

☐ Adjusting PPE ☐ Changing Tools ☐ Other

☐ Stopping Job ☐ Changing Position

Position of People

☐ Contacting Electrical Current ☐ Struck by Object ☐ Falling

☐ Caught in or between object ☐ Awkward Position ☐ Repetitive Moves

☐ Inhaling/absorbing (Hazardous Substance) ☐ Striking against object

☐ Contacting Extreme Temperature ☐ Other

Personnel Protective Equipment (PPE)

☐ Head ☐ Eyes & Face ☐ Ears

☐ Nose ☐ Body ☐ Lungs

☐ Hands ☐ Legs & Feet ☐ Other

Procedure

☐ Not Established ☐ Inadequate

☐ Not Understand ☐ Not Followed

☐ Other

Tools & Equipment

☐ Improper use ☐ Defective Tool ☐ Not Suitable for the task ☐ Other

Training

☐ Training Inadequate ☐ Lack of Training ☐ Training in place but not utilized ☐ Other

Work/Living Environment

☐ Obstructed Path ☐ Improper Storage ☐ Items not labeled ☐ Other

Any Other Behavior/Reason/Cause

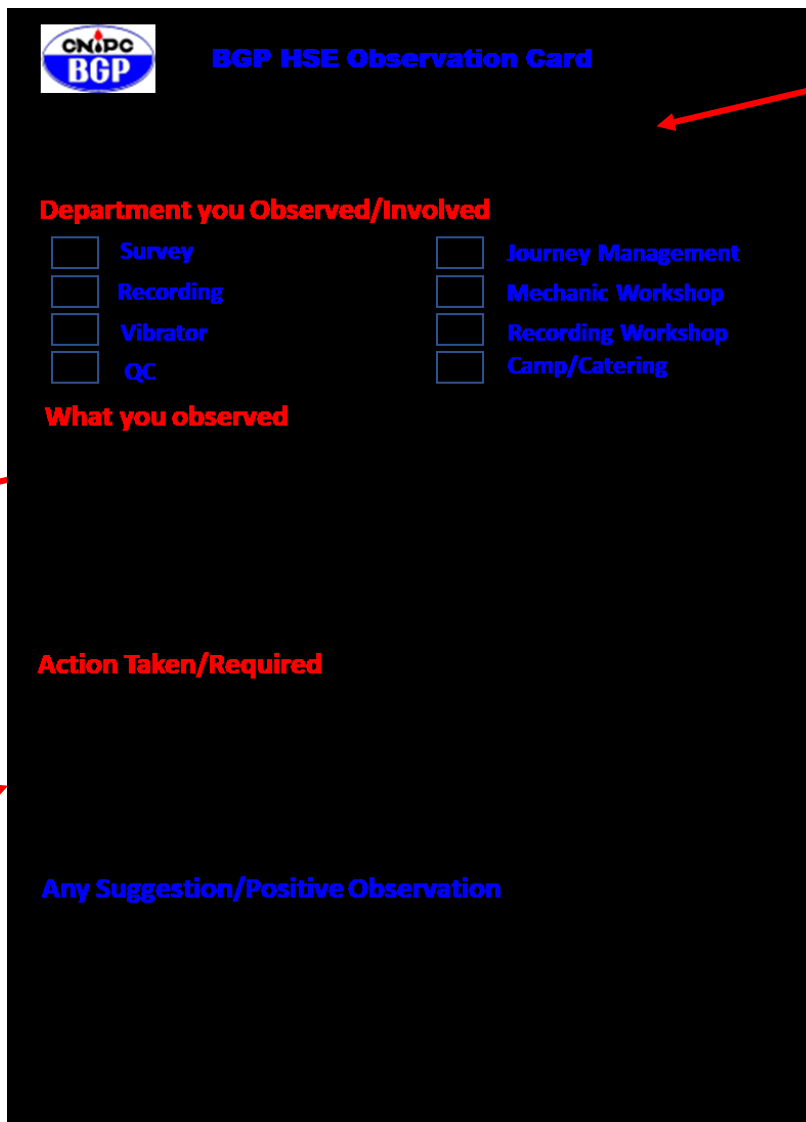
How to fill in the Observation card (example)

When you observed an employee. As you approach, he quickly puts his hard hat on. When you speak to him he admits he knows why he should wear the hard hat.

What you observed?

What you think that how to communicate to all crew?

Any good idea you have or observation



CNPC BGP

BGP HSE Observation Card

Department you Observed/Involved

<input type="checkbox"/> Survey	<input type="checkbox"/> Journey Management
<input type="checkbox"/> Recording	<input type="checkbox"/> Mechanic Workshop
<input type="checkbox"/> Vibrator	<input type="checkbox"/> Recording Workshop
<input type="checkbox"/> QC	<input type="checkbox"/> Camp/Catering

What you observed

Action Taken/Required

Any Suggestion/Positive Observation

- Your Name,
- Your Department
- Where it happened

The personnel you observed belong to which department

What you think, how to solve it completely?

How to fill in the BBSO card (example)


When you observed an employee. As you approach, he quickly puts his hard hat on. When you speak to him he admits he knows why he should wear the hard hat.

What kind of incident?

Which PPE is missing to protect?

Did he have the right tool for the job?

Is there issue related to training?


BGP HSE Observation Card

Type of Observation

☒ Near Miss ☐ Unsafe ACT ☐ Unsafe Condition ☐ Observation

Behavior Observation Checklist-Mark if Unsafe

Reaction of People

<input checked="" type="checkbox"/> Adjusting PPE	<input type="checkbox"/> Changing Tools	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Stopping Job	<input type="checkbox"/> Changing Position	<input type="checkbox"/>

Position of People

<input checked="" type="checkbox"/> Contacting Electrical Current	<input type="checkbox"/> Struck by Object	<input type="checkbox"/> Falling
<input checked="" type="checkbox"/> Caught in or between object	<input type="checkbox"/> Awkward Position	<input type="checkbox"/> Repetitive Moves
<input checked="" type="checkbox"/> Inhaling/absorbing (Hazardous Substance)	<input type="checkbox"/> Striking against object	<input type="checkbox"/>
<input checked="" type="checkbox"/> Contacting Extreme Temperature	<input type="checkbox"/> Other	<input type="checkbox"/>

Personnel Protective Equipment (PPE)

<input type="checkbox"/> Head	<input type="checkbox"/> Eyes & Face	<input type="checkbox"/> Ears
<input type="checkbox"/> Nose	<input type="checkbox"/> Body	<input type="checkbox"/> Lungs
<input type="checkbox"/> Hands	<input type="checkbox"/> Legs & Feet	<input type="checkbox"/> Other

Procedure

<input type="checkbox"/> Not Established	<input type="checkbox"/> Inadequate
<input type="checkbox"/> Not Understand	<input type="checkbox"/> Not Followed
<input type="checkbox"/> Other	<input type="checkbox"/>

Tools & Equipment

<input type="checkbox"/> Improper use	<input type="checkbox"/> Defective Tool	<input type="checkbox"/> Not Suitable for the task	<input type="checkbox"/> Other
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Training

<input type="checkbox"/> Training Inadequate	<input type="checkbox"/> Lack of Training	<input type="checkbox"/> Training in place but not utilized	<input type="checkbox"/> Other
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Work/Living Environment

<input type="checkbox"/> Obstructed Path	<input type="checkbox"/> Improper Storage	<input type="checkbox"/> Items not labeled	<input type="checkbox"/> Other
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Any Other Behavior/Reason/Cause

What is reaction of people when they see you

What is position of people when you observed

What could be said about the procedure?

What could be said about the working Environment?

Any other concerns

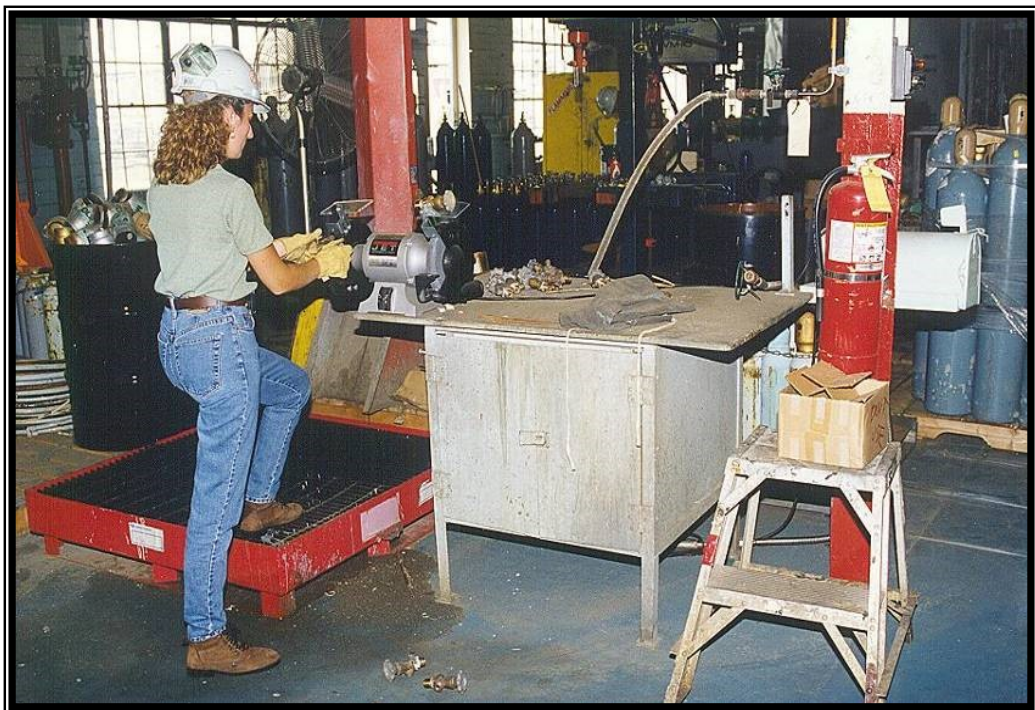
SILENCE IS CONSENT. WHY?


- If you see unsafe behavior but you didn't correct it, this means that you agree with what is being done and the people under you will not realize that they are doing the wrong thing.
- Talking by giving useful advice and politely correcting unsafe behavior is a key part of the intervene program.



Exercise – BBSO Card

What is wrong on the following Observation card?




BGP HSE Observation Card

Type of Observation

☐ Near Miss
 ☐ Unsafe ACT
 ☐ Unsafe Condition
 ☐ Observation

Behavior Observation Checklist-Mark if Unsafe

Reaction of People			
<input type="checkbox"/> Adjusting PPE	<input type="checkbox"/> Changing Tools	<input type="checkbox"/> Other	
<input type="checkbox"/> Stopping Job	<input checked="" type="checkbox"/> Changing Position	<input type="checkbox"/>	
Position of People			
<input type="checkbox"/> Contacting Electrical Current	<input type="checkbox"/> Struck by Object	<input type="checkbox"/> Falling	
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<input type="checkbox"/> Contacting Extreme Temperature	<input type="checkbox"/> Other		
Personal Protective Equipment (PPE)		Procedure	
<input type="checkbox"/> Head	<input checked="" type="checkbox"/> Eyes & Face	<input type="checkbox"/> Not Established	<input type="checkbox"/> Inadequate
<input type="checkbox"/> Noise	<input type="checkbox"/> Body	<input type="checkbox"/> Not Understood	<input type="checkbox"/> Not Followed
<input type="checkbox"/> Hands	<input type="checkbox"/> Legs & Feet	<input type="checkbox"/> Other	
Tools & Equipment			
<input type="checkbox"/> Improper use	<input type="checkbox"/> Defective Tool	<input type="checkbox"/> Not Suitable for the task	<input type="checkbox"/> Other
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Any Other Behavior/Reason/Cause			

Role Play

WHAT IS
WRONG
HERE?



Role Play

WHAT IS
WRONG
HERE?



Role Play

WHAT IS
WRONG
HERE?



Role Play

WHAT IS
WRONG
HERE?

