

# New Initiatives Towards EHS Excellence

## Rewarding EHS Performance

*The purpose of the rewarding performance is to build up an organizational workplace safety culture where good work done in Environment, Health and Safety (EHS) by employees is valued and their tremendous efforts are recognized.*

*The major aim of reward and recognition is to recognize the efforts put in by the employee in terms of performance, attitude, and achievements towards Environment, Health and Safety (EHS).*

*List of Awards :*

- ❖ *Safety Person of the Month - Category : Karamchari .*
- ❖ *Safety Person of the Month - Category : Staff.*
- ❖ *Safety Person of the Month - Category : Contract Worker.*
- ❖ *EHS Service Provider of the Month.*
- ❖ *Safety Person of the Year.*
- ❖ *Monthly Good House Keeping Award.*
- ❖ *PPEs compliance Award.*
- ❖ *Maximum Participation in Trainings Award.*



## New Initiatives Towards EHS Excellence

### Good Housekeeping Award.

*Housekeeping and cleanliness at the workplace are closely linked to the industrial safety. The degree, to which these activities are effectively managed, is an indicator of the safety culture of the organization.*

*Housekeeping and cleanliness not only make the organization a safer place to work, but also provide a big boost to the image of the organization. These activities also (i) improve efficiency and productivity, (ii) helps in maintaining good control over the processes, and (iii) assist in maintaining the quality of the product.*

*In continuation of same philosophy, we have started “Good Housekeeping Awards” to motivate the personnel towards “5S” implementation at workplace*



## New Initiatives Towards EHS Excellence

### PPEs Compliance Award

*Personal protective equipment, commonly referred to as "PPE", is equipment worn to minimize exposure to hazards that cause serious workplace injuries and illnesses. These injuries and illnesses may result from contact with chemical, physical, electrical, mechanical, or other workplace hazards.*

*As above, we have developed a new portal which we call as Safenet (Camera AI) system, all our plants camera data with AI features are being used for Employee/Workers Safety. This system can keep recording and reporting of PPEs violations and will generate the alert to keep informing about the violation regarding personal safety equipment. Employee/Workers can get all the notification of violation with a single click on his PC/Email/cliq.*

*We have started "PPEs Compliance Award" to motivate the personnel towards compliance of PPEs at workplace.*



*Photograph of PPEs Compliance Award*

*Camera generated alert to keep informing about the violation regarding personal safety equipment*

# New Initiatives Towards EHS Excellence

## Reporting of Unsafe Act /Unsafe Condition /Near Miss /Leakages & Spillages Kaizen

*We all know that there must be a cause for an accident to happen. In order to avoid accidents, we must remove the cause. Every cause is a result of an unsafe act or unsafe condition. By recognizing the unsafe act or condition, we can effectively remove the exposure to them. As above, we have developed a new portal which we call as Zoho Creator Application for reporting and keeping records of safety violations.*

Safety Report		UAUCLS DH Report			
UAUCLS	Reported By.	Plant Locat...	Category	Risk Category	
UAUCLS	THAVAR A RABARI	Dhordo	Unsafe Act	Low Risk -Safety Violation	
UAUCLS DH Report	THAVAR A RABARI	Dhordo	Unsafe Condition	Medium Risk-Safety Violation	
	BRJESH KUMAR TRIPATHI	Dhordo	Leakages & Spillages	High Risk-Leakage of HBR	
	BRJESH KUMAR TRIPATHI	Dhordo	Leakages & Spillages	Medium Risk-Leakage of Steam	
	PINDORIA NITESH HIRJI	Dhordo	Leakages & Spillages	Low Risk-Leakage of Material -Non Hazardous	
	DAKI YOGESHKUMAR JIVABHAI	Dhordo	Leakages & Spillages	Low Risk- Equipment /Line Puncture - Non-Hazardous	
	RAVI KUMAR YADAV	Dhordo	Unsafe Act	Low Risk -Safety Violation	
	RAVI KUMAR YADAV	Dhordo	Unsafe Act	Low Risk -Safety Violation	
	RAVI KUMAR YADAV	Dhordo	Unsafe Act	Low Risk -Safety Violation	
	RAVI KUMAR YADAV	Dhordo	Unsafe Act	Low Risk -Safety Violation	
	RAVI KUMAR YADAV	Dhordo	Unsafe Act	Low Risk -Safety Violation	
	SAVALKHAN HAJIMUSA MUTVA	Dhordo	Unsafe Act	Low Risk -Safety Violation	
	SAVALKHAN HAJIMUSA MUTVA	Dhordo	Unsafe Act	Low Risk -Safety Violation	
	SAVALKHAN HAJIMUSA MUTVA	Dhordo	Unsafe Act	Low Risk -Safety Violation	



## New Initiatives Towards EHS Excellence

### Writing thank you notes...

*Writing thank-you notes recognizes support and is a therapeutic way to acknowledge the encouragement from others. Thanks Cards are being issued for your quick action that helped prevent a possible accident, and strong commitment to making the workplace safer for everyone*

Agrocel Industries Private Limited  
Department: Environment, Health & Safety



Mr. Arun Kumar Shahi (Stripping Plant)

# Thank you

*For your quick action that helped prevent a possible accident. Thank you for staying alert and strong commitment to making the workplace safer for everyone.*







On 18<sup>th</sup> June 2021 at 11:30 hrs. around, Chlorine was leaking from the pipeline which was damaged during the shifting material by hydra as maintenance work was going on for repairing of S-09 bittern pump.  
Mr. Arun reached the spot within a second and closed the valve of chlorine pipeline adequately that helped prevent a possible accident.

TC/01/2021-2022

# New Initiatives Towards EHS Excellence

## Constitute Emergency Response Team (ERT)

*There is no more time for planning or prevention once an emergency unfolds. The speed and capability of a company's initial response can make a massive difference in overall impact. When hazardous substances are involved, responding even a few minutes faster could save lives and significantly cut recovery costs. Access to appropriate safety equipment and experience from in-depth training are essential for ensuring effective response.*

*As above, we have constituted ERT team as details are given under.*

<i>Color Coding for Emergency Response Team</i>	
<i>Fire Fighting Team</i>	<i>Red</i>
<i>Rescue &amp; Evacuation Team</i>	<i>Blue</i>
<i>First Aider Team</i>	<i>Green</i>
<i>Traffic Control Team</i>	<i>Orange</i>



## New Initiatives Towards EHS Excellence

Provided Electronic Board to ensure the availability of ERT Members @ Shift



# New Initiatives Towards EHS Excellence

## Quarterly Training of ERT



## Bi-Monthly Fire Drill



## Half Yearly Mock Drill



# New Initiatives Towards EHS Excellence

## Helmet Coding at Plant Level

Sr. No.	Colour Code	Image	Categories
01	White		Permanent Employees
02	Blue		Rescue Team
03	Green		First Aider Team
04	Yellow		Contract Worker
05	Orange		Traffic Control Team
06	Red		Fire Fighting Team
07	Grey		Visitors
08	Purple		Permanent Women Employee

# New Initiatives Towards EHS Excellence

## EHS Kaizen

*The Rule Of One Percent Improvement: The rule states if you improve just one per cent each day then at least three hundred sixty five improvements will have been made by your business by the end of the year. The Kaizen process is a systematic way of identifying and solving problems. By encouraging Kaizen, there are always opportunities for improvements which leads organizations to foster creativity in an effortless way.*

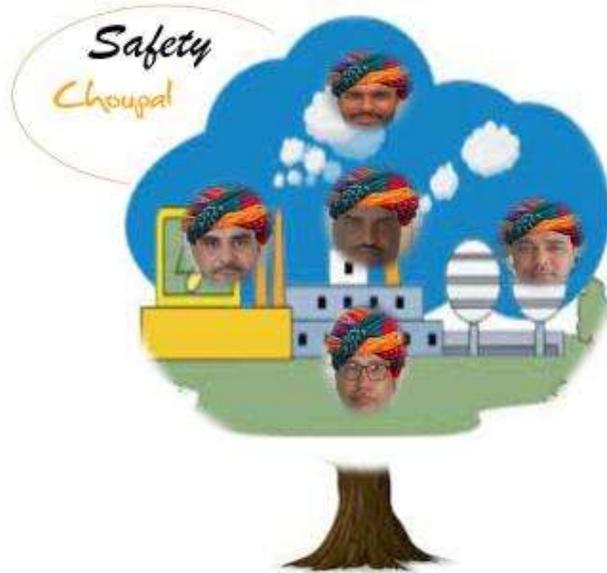
*In continuation of same philosophy, we have started EHS- Kaizen Practice at workplace.*

<p>Category- PEEP    <b>K/EHS/01</b></p> <p>Before</p>  <p>After</p>  <p>Cleaning and Identification of Haz. Waste Area</p>	<p>Category- PEEP    <b>K/EHS/02</b></p> <p>Before</p>  <p>After</p>  <p>Provided Holder and folder for Work Permit</p>	<p>Category- PEEP    <b>K/EHS/03</b></p> <p>Before</p>  <p>After</p>  <p>Provided Retractable Utility Knife</p>	<p>Category: Process Improvement</p> <p>Before</p>  <p>After</p>  <p>Kaizen No. K/EHS/04</p> <p>Description: Provided Adequate Coupling Guard</p> <p>Status : In progress ( 200 Nos guards has been ordered )</p> <p>Kaizen done by EHS &amp; Mechanical Team</p>
--	--	--	--

## New Initiatives Towards EHS Excellence

### Safety Choupal.

*The main purpose of a Choupal is to mitigate the risk of workplace injuries and illnesses. Its duties also include detailed investigation of incident and accidents, and informing & educating employees about safety issues.*



### Safety Committee .

*A safety committee builds the bridge that directly connects workers to their company's safety culture. Because a safety committee brings together employees and supervisors across an organization to speak openly about safety concerns and solutions. These safety groups are an opportunity to share different perspectives on hazards and safety, provide management with key insights, and unite and align an organization toward achieving safety goals as a team.*



# New Initiatives Towards EHS Excellence

## Gemba Walk

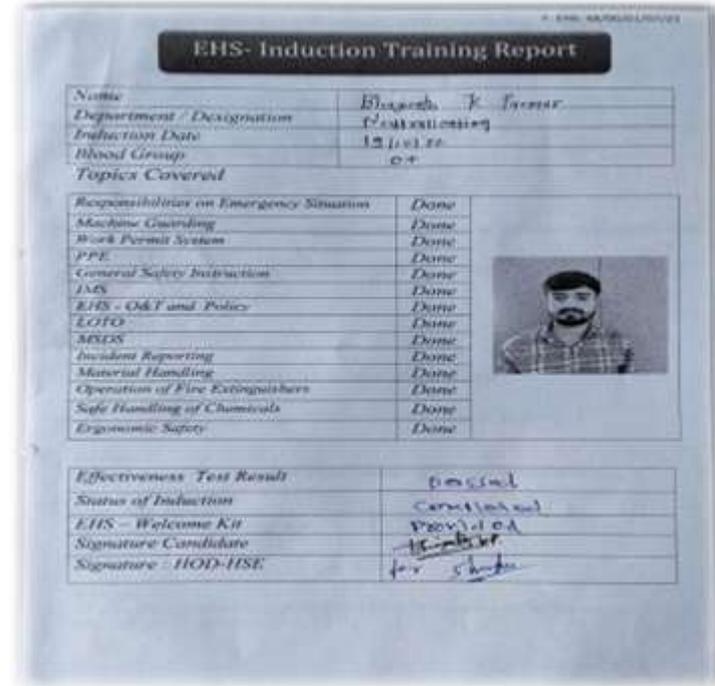
*A Gemba Walk is the practice of managers, supervisors, and executive leaders personally observing the place where work is being done.*

Agrocel Industries Private Limited										
EHS- Daily Observation Report										
Sr. No.	Month	Date	Category	Risk Assessment	Observations	Action Plan	Responsibility	Pictorial View	Status	Remarks
1	Jun-21	18.06.2021	UC	H	Railing of HPL storage tank is found corroded. This may lead major fall injury	Needs to be replaced immediately	Mech.		Pending	
2	Jun-21	18.06.2021	UC	H	Damaged elect. Board and loose cabling is found near Nr. Br2 storage area. This may lead reportable incident.	Needs to be repaired and replaced immediately.	Elect.		Pending	
3	Jun-21	18.06.2021	UC	H	Pole of cable tray damaged at back side of bottle washing area. This may lead major elect. Incident.	Needs to be repaired and replaced immediately.	Elect.		Pending	

# New Initiatives Towards EHS Excellence

## EHS Inductions

Inductions play a key role in ensuring that their employees, contractors, and site visitors are aware of, acknowledge, and understand key information related to an organisation's operations and environment. These include important information that should be known, understood, and acknowledged prior to entering the site.



# New Initiatives Towards EHS Excellence

## PPEs Matrix

The matrix directs users to which types of PPE to wear based on certain work activities or potential exposures, and provides guidance on selecting personal protective equipment for workers

Personal Protective Equipment For Engineering																							
Work Type										Hand gloves						Sole on PVC outsole							
	Helmet	Goggles	Face shield	Welding shield	Welding Goggle	Ear plug/Ear Muff	Mask	Cartridge mask	Apron coat	Nitrile	Neoprene	PVC	Leather	Cut resistant	Gilt on PVC outsole	Heel resistant	Safety shoe	Gum Boot	Safety Harness	SCBA	Online breathing air		
Mandatory PPE in process	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗		
Welding	✓	✗	✗	✓	✓	✗	✓	✗	✗	✗	✗	✓	✗	✗	✓	✓	✓	✗	✗	✗	✗		
Gas cutting	✓	✓	✓	✗	✗	✗	✓	✗	✗	✗	✗	✓	✗	✗	✓	✓	✓	✗	✗	✗	✗		
Grinding	✓	✓	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	✗	✗	✗		
Work at height	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	✗		
Chemical Handling	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✓	✓	✗	✗	✓		
Manual Handling	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✗	✗	✗	✗		
Work at high noise area	✓	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗			✗	✓	✗	✗	✗	✗		
Working in Concrete	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✓	✗	✗	✗		
Work on electricity	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✓	✗				✗	✓	✗	✗	✗	✗		
Excavation work	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✓	✓	✗	✓	✓	✗	✗	✗	✗		
Confined/reactor work	✓	✓	✗	✗	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✓		
Housekeeping work	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✓	✗	✓	✓	✗	✗	✗	✗		
Mechanical workshop	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗		
Scaffolding work	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	✓	✗	✗		
Operating power tools	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✗	✗	✗	✗		
In case of emergency- Handling of Chemical/Gas	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✗	✓	✓		

# New Initiatives Towards EHS Excellence

## Hazards Information Management System

*Sharing relevant safety and health information with workers fosters trust and helps organizations make more informed safety and health decisions. They need to understand safety and health hazards and control measures in the workplace, and employer responsibility is to make specific types of information available to workers, such as Safety Data Sheets (SDS).*

*Hazard pictograms alert us to the presence of a hazardous chemical. The pictograms help us to know that the chemicals we are using might cause harm to people or the environment.*



## New Initiatives Towards EHS Excellence

### Road Traffic Safety

*Road traffic safety refers to the methods and measures used to prevent road users from being killed or seriously injured. it's of vital importance for everyone to have traffic awareness and understand and respect all the road safety rules.*



*Convex Mirror Provided at each identified location*



*Direction Board*



*Speed Breakers Provided at each identified location*



*Traffic light Provided at each identified location*

# New Initiatives Towards EHS Excellence

## Safety Trainings

*Workplace safety training is as vital as workplace safety itself. It enables the management to ensure a safe and healthy work environment. It also helps the employees to recognize safety hazards and correct them. It enables them to understand best safety practices and expectations.*



Dhordo				
Month	Participants			Total Man Hours
	Contractor	Permanent	Total Participants	
FY 21-22	5382	671	6053	4409.95
April, 22	297	93	390	429.25
May, 22	283	145	428	623.75
June, 22	332	132	431	607.00
July, 22	529	127	656	821.92
Aug, 22	661	53	714	838.08
Sep, 22	675	150	825	893.33
Oct, 22	467	109	576	684.42

# New Initiatives Towards EHS Excellence

## Safety Trainings

*Workplace safety training is as vital as workplace safety itself. It enables the management to ensure a safe and healthy work environment. It also helps the employees to recognize safety hazards and correct them. It enables them to understand best safety practices and expectations.*



Dhordo				
Month	Participants			Total Man Hours
	Contractor	Permanent	Total Participants	
FY 21-22	5382	671	6053	4409.95
April, 22	297	93	390	429.25
May, 22	283	145	428	623.75
June, 22	332	132	431	607.00
July, 22	529	127	656	821.92
Aug, 22	661	53	714	838.08
Sep, 22	675	150	825	893.33
Oct, 22	467	109	576	684.42

## New Initiatives Towards EHS Excellence

Display of Leading and Lagging Indicators and Safety Person of Month/Year.



# New Initiatives Towards EHS Excellence

## Safety Visual Display



## New Initiatives Towards EHS Excellence

### Installation of Hydrant System



### Provided Fire Extinguisher Boxes at various places



## New Initiatives Towards EHS Excellence

Provided Illuminated Wind Sock



## Celebration of Fire Service Day : April 14<sup>th</sup>



ERT Team Meet



Fire Drill/Training



## ERT Meet



First Aid Training



Man Lifting Tricks



Self Contained Breathing  
Apparatus (SCBA)

## Celebrated World Environment Day/Week: 5<sup>th</sup> -11<sup>th</sup> June



Plantation and Quiz Competition



# National Safety Day/Week - 2022



**AGROCEL INDUSTRIES PRIVATE LIMITED**



## **National Safety Day/Week-2022**

**04<sup>th</sup> - 10<sup>th</sup> March**

**NURTURE YOUNG MINDS DEVELOP SAFETY CULTURE**

**युवा मनने पोषो सलामती संस्कृतिनो विकास करो**



## Offline safety Quiz Competition



## Environment monitoring of Workplace

