



Health & Safety Annual Report

2021

RAS GIRTAS POWER COMPANY

Occupational Health and Safety

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Occupational Health and Safety

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MESSAGE FROM CEO



Abdul Majeed Al-Reyahi

The Chief Executive
Officer

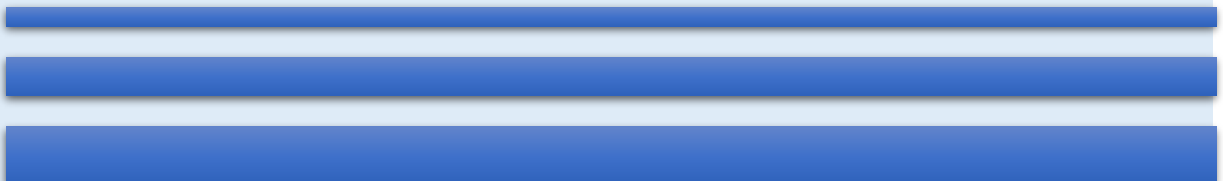
2021 was an intensely challenging year for us due to the evolving COVID pandemic risks and the subsequent global disruption. Yet at RGPC, our deeply entrenched safety-first culture and steadfast commitment to teamwork and flexibility had set the stage for a response that was appropriate, effective and efficient to make our workplace safe for staff, contractors and to maintain the smooth Plant Operations.

2021 clearly reflects the exciting path that we have followed regarding Health and Safety. During the year, we continued to address the key themes for the development to build on our positive Health & Safety culture and to manage the new risks. I am deeply pleased over our H&S achievement, such as, winning the prestigious RoSPA Highly Commended Award in Electricity Sector, crossing 18.8 million and 11.5 years of LTI free man-hours, development programmes for the newly joined Qatari Engineers, successful safe completion of critical activities in HRSG, GT and ST major outages.

I am extremely proud of these excellent results and achieving strongest safety year yet is a result of our outstanding employees and their pledge to our evolving safety culture, and further demonstrates our dedication toward best-in-class performance. However, I want all of us to be humble and alert, and we must continue to remain true to our core values and sustain a relentless focus on safety.

Finally, I would like to thank each and every RGPC staff and contractor's employee for their relentless efforts in managing the Health & Safety aspects and in these extremely challenging times, I would like to share my heartfelt support and solidarity with you and your families. Please take care of yourselves and your loved ones, I know that we are going to get through this, together.

I wish you all the very best for 2022.



MESSAGE FROM COO



Vincent Cuyvers

**The Chief Operating
Officer**

Despite the ongoing Covid-19 pandemic, which continued to have a huge impact on our personal and professional lives, 2021 was again another excellent year for RGPC full with new challenges and new opportunities. I am extremely proud of all our staff and contractors who confirmed again their professionalism and dedication towards our excellence and our strong safety culture during these continuing difficult circumstances.

I would like to highlight our staff and contractors commitment towards Health and Safety resulting in achieving some significant milestones. During 2021, RGPC was awarded the prestigious RoSPA Industrial Sector Award- Highly Commended, reached 18.8 million safe man hours and exceeded more than 11 years operation without any Lost Time Incident. Additionally, various critical activities were successfully and safely completed such as 3 GTG's and 1 STG major overhaul, Heat Recovery Steam Generator refurbishment activities, etc.

It is obvious that during the last 11.5 years of operations, RGPC has written a great history of maintaining the highest standards in regards to Health and Safety. I would like to thank everyone for the good work and reconfirm that safety is of paramount importance within RGPC with no room for complacency. RGPC's management will continue to provide all support to maintain these highest safety standards and to overcome the challenges we are facing now.

I wish you all the very best for the year 2022, we will endeavour towards achieving new and ambitious Health and Safety milestones.

INTRODUCTION

The RGPC Health and Safety Annual report offers a closer look and detailed information about the current safety strategies and most recent implemented safety measures and indicators.

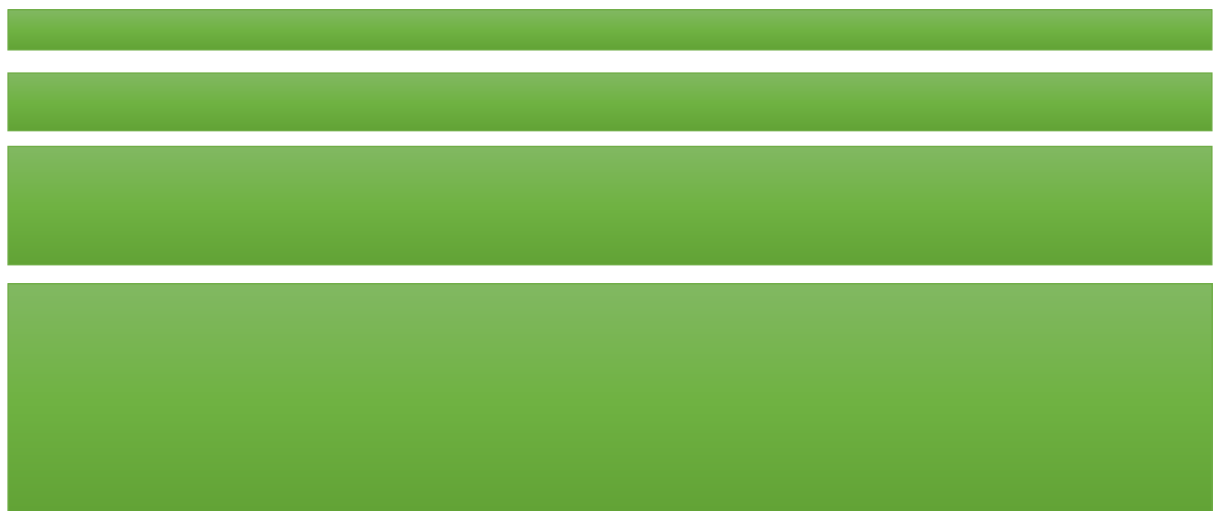
This report covers the period from January to December 2021. It incorporates performance data, where available to measure the progress in achieving the vision of Occupational Health and Safety in RGPC.

As detailed in this report, the year 2021 was another successful year for RGPC. Despite the CoVID- 19 pandemic situation, the Company has continued to achieve remarkable accomplishments based on its philosophy of adopting strong OHS compliance principles.

The commitment to Health and Safety is a core value and integral part of RGPC's culture. Our aim is to ensure all employee and contractors leave work each day safe and in good health. We believe safety is everyone's business.

RGPC aims to be an industry leader in Occupational Health and Safety practices. We are confident that our efforts and initiatives, time and expenses to respect human life must take precedence over all other things.

This report highlights Occupational Health and Safety performance over the year 2021. It captures OH&S achievements and performance and how we have used our unique position, expertise and resources to ensure in achieving safer and healthier place to work.



ACHIEVEMENT'S & AWARDS

RoSPA Highly Commended in the Electricity Sector Award 2021

RoSPA Commended Electricity Industry Sector Award 2020

RoSPA Electricity Industry Sector Award 2019

RoSPA Electricity Industry Sector Award 2018

RoSPA International Sector Award 2018

- RoSPA Industry Sector Award - Highly Commended
- For two consecutive years - 2016 & 2017
- RoSPA Gold Awards - For two consecutive years - 2014 & 2015

ENGIE MESCAT Award

- ENGIE MESCAT Award 2017- Best Asset for HSE

ISO 45001:2008

- ISO 45001:2008 - Valid until 2022

No LTI's

- 18.8 million man-hours without LTI
- 11.5 years without LTI

Safe Completion of Works

- Safe Completion of HRSG Refurbishment & Stack Painting
- Safe Completion of GT, ST & MED major Outages



ROSPA

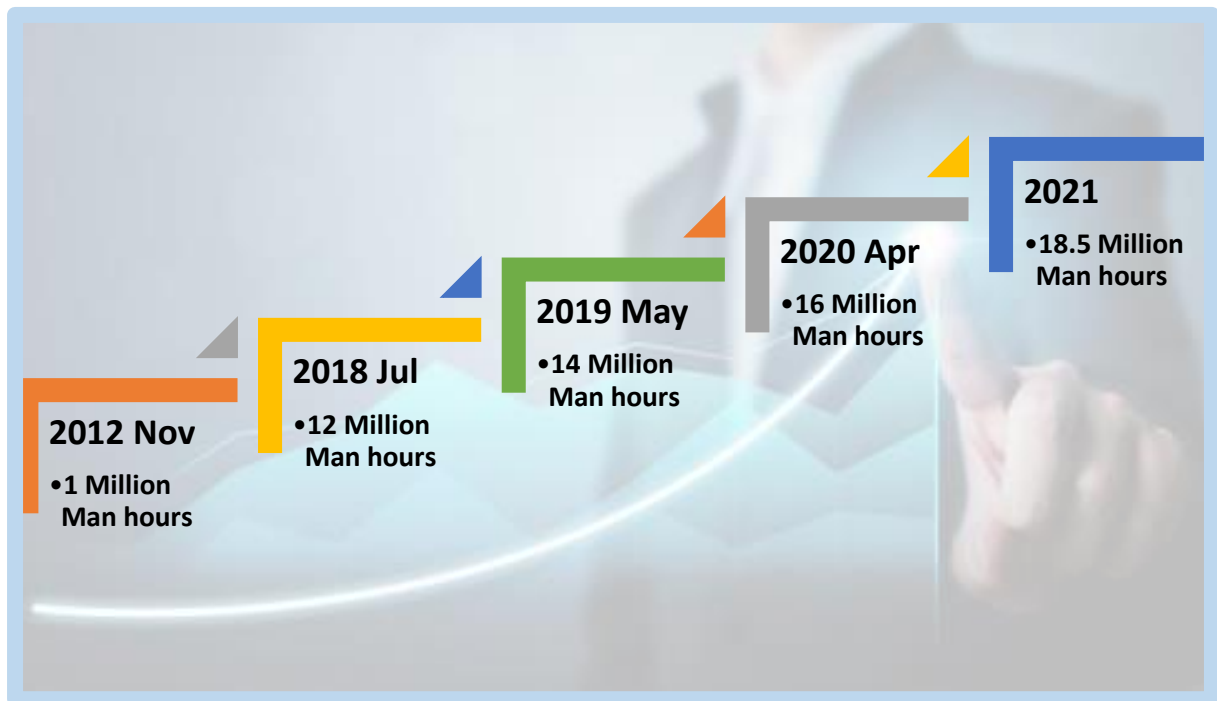


ROSPA AWARDS TIMELINE

2014	• RoSPA Gold Award
2015	• RoSPA Gold Award
2016	• Electricity Sector Award Highly Commended
2017	• Electricity Sector Award Highly Commended
2018	• RoSPA Electricity Industry Sector Award
2018	• RoSPA International Sector Award
2019	• RoSPA Electricity Industry Sector Award
2020	• RoSPA Commended Electricity Industry Sector Award
2021	• RoSPA Highly Commended in the Electricity Sector Award



18.5 MILLION MAN-HOURS



On 10th July 2021 RGPC achieved another historic Safety milestone by achieving **18 Million man-hours without a single Lost Time Incident (LTI)** and set a new benchmark for Safety performance in the region for a fully operating plant.



POLICY & OBJECTIVES

RGPC Health and Safety Policy describe and guide our commitment to international best practice and compliance with local regulation. It provides the framework through which we drive continuous improvement.

By taking a systematic approach, we aim to ensure that:

- Health and Safety risks are managed in a manner appropriate to the nature and scale of associated impacts and risk.
- Relevant Health and Safety Objectives and targets are identified.
- Performance against key indicators continuously improves.
- We comply with legal and other requirements.

RGPC OHS Management system includes the key elements such as, management, compliance, legal compliance, risk profiling, workers involvement and leadership. A range of controls are applied across RGPC to address risks and mitigate their likelihood or impact.

MANAGEMENT COMMITMENT

RGPC has a long-standing commitment to the highest standards for the Health and Safety of our employees and contractors. RGPC Management's dedication is demonstrated on a continued basis through their visible leadership such as promoting Health and Safety, performing site safety tours, encouraging positive and safe behaviour, leading the OHS campaigns and stand-down meetings, participating in OHS audits and regular review of OHS performance.



OH&S OBJECTIVES

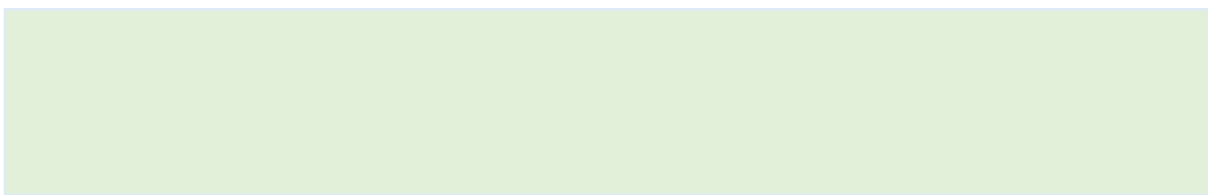
The key objective of RGPC OH&S is to provide a safe work environment and minimize the Health and Safety incidents. It provides an overall direction for health and safety goals. RGPC set out SMART OHS objectives that have been developed and designed to align with RGPC Occupational Health & Safety Management System requirements and intended for its continual improvement.

Main OH&S Objectives- 2021

Occupational Health

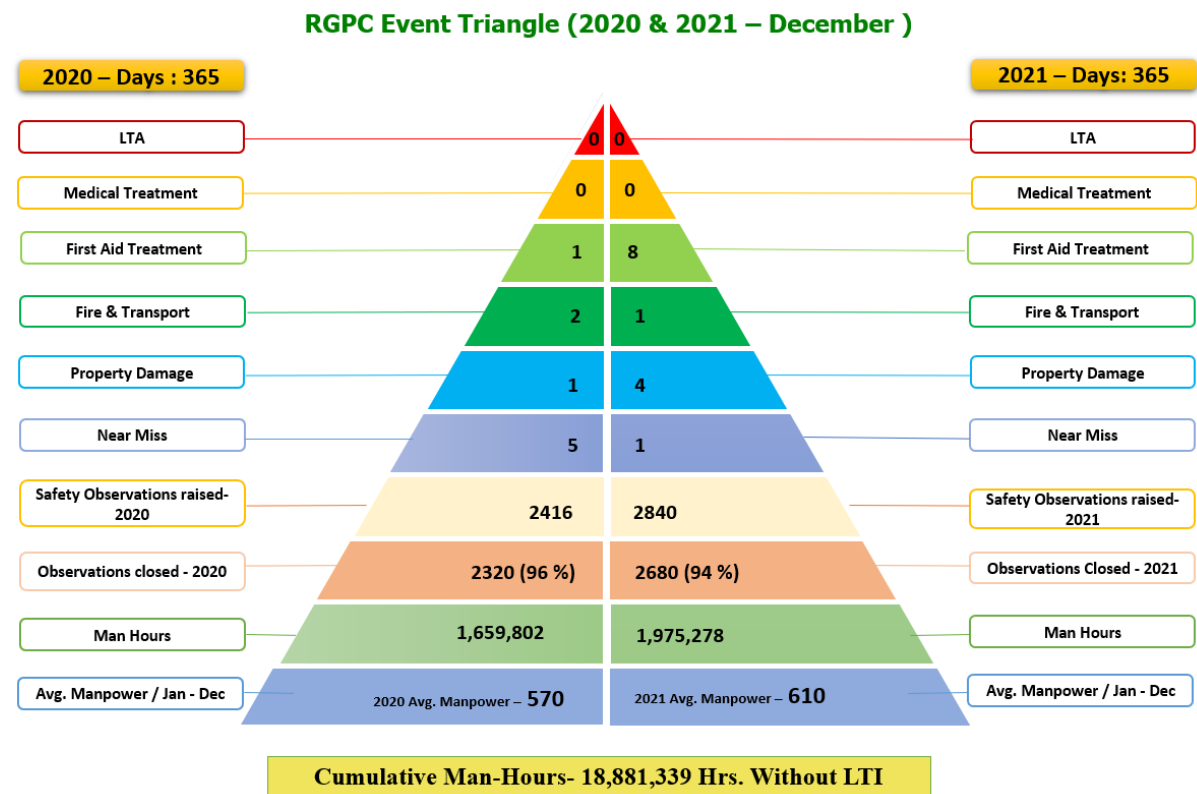
- Management of occupational health risks and to prevent occupational illness
 - Medical Check-up for employees
 - Noise Survey
 - Ergonomic Inspection - Office
 - Discussion of Health-related topics.
- Occupational Health and Safety Meetings
 - OH &S Management Review Meeting
 - Monthly RGPC Safety Representative meeting
 - Contractor Safety Meeting
- Conduct Safety Walkthrough according to the established weekly schedules by Management and Lead Engineers and Section head.
- Toolbox Talks
 - Weekly Tool box talks & Safety Dialogues on specific OH&S topics by RGPC staff.
- Occupation Health and Safety Trainings.
- Internal and External trainings to increase competency and awareness.
- Implementation of Instinct Training
- Health and Safety Audits
 - Internal and external OHS audits and Permit to Work field audits
- Emergency Mock Drills
 - Internal Emergency Drill- for both day shift and night shifts including for the contractors.
- Fresh Eye Observations and Safety Observations by all staff including contractors.
- Risk Assessment for computer users in finance and HR departments.
- Occupational Health and Safety
 - Publish quarterly OH&S newsletter for the site.
- Zero Lost time Incidents.
- ISO 45001: 2018 Certification

Health and Safety Statistics	
Average Manpower	610
Total Man-Hours	18,881,339 hrs.
Fatality / LTA / Medical Treatment	0
No. of First Aid Treatment	8
No of Fire Incident	1
Near Miss	1
Unsafe Act / Unsafe Condition Raised	2840
Unsafe Act Condition Closed	2680
Fresh Eye Observation	645
No. of Work Permit	6328
No. of Formal Toolbox Talk	960
No. of Formal Safety Walk	376
Actions from Formal Safety Walks	2765
Class based HSE Training hours.	5322
HSE Meeting	20
Positive Achievements	20
Total Safe Man-Hours – 18,881,339 hrs.	



RGPC OHS TRIANGLE

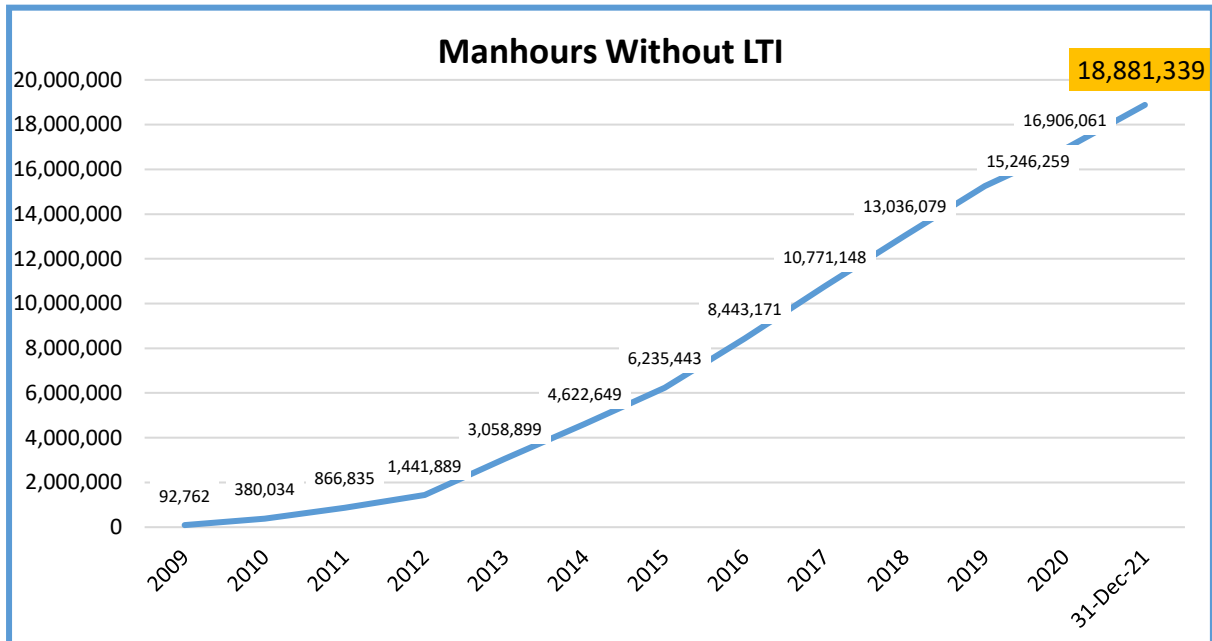
RGPC event triangle provides a comparison of the health and safety performance of current year versus previous year. Below event triangle is the comparison made between 2020 and 2021.



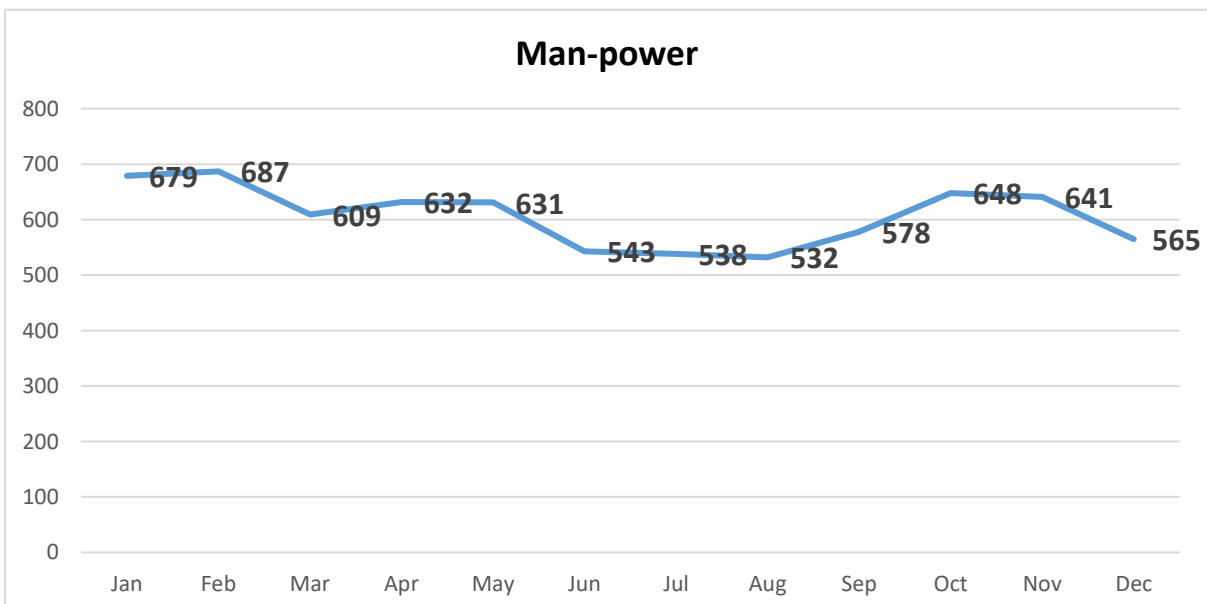
MAN HOURS & MANPOWER

During the year 2021 total man hours worked are 1,975,278-man hours which make the cumulative of 18,881,339-man hours without Loss Time Injury (LTI), with an average manpower of **610**.

MAN-HOURS



MANPOWER

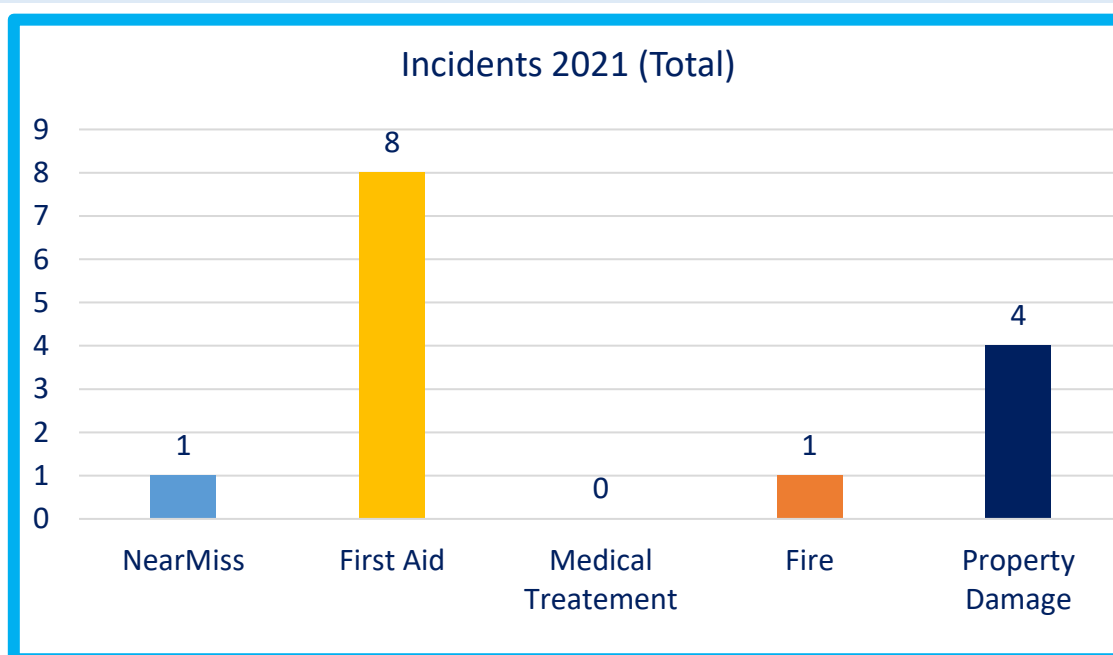


INCIDENTS

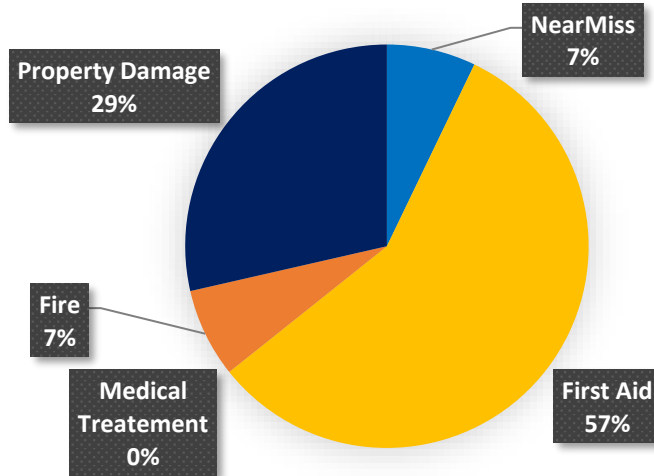
Throughout the year, there were a significant amount of work carried out by Company personnel and the Contractor/subcontractor. Critical activities were major GTG outages, boilers refurbishment, HRSG stack painting, refurbishment of GTG rotors on site etc. Managing the risk, prevention of injuries and protection of people continued to be the major focus for RGPC in 2021.

Below incident graph summarises the incidents reported in the year 2021.

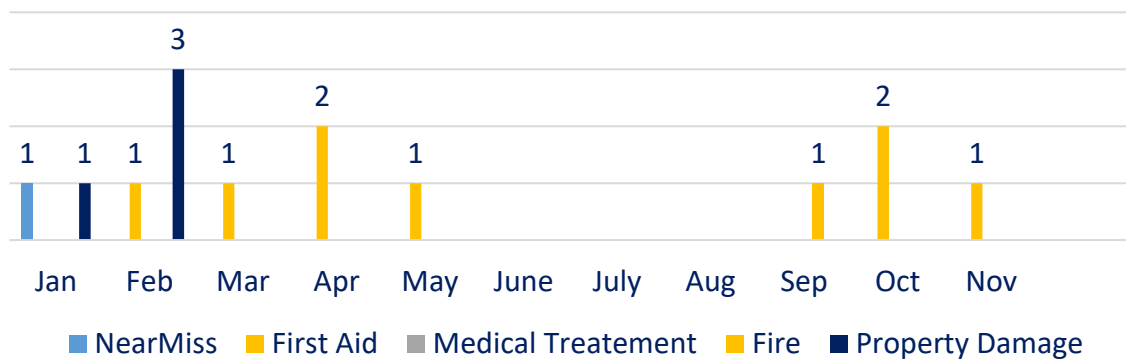
INCIDENT - GRAPH



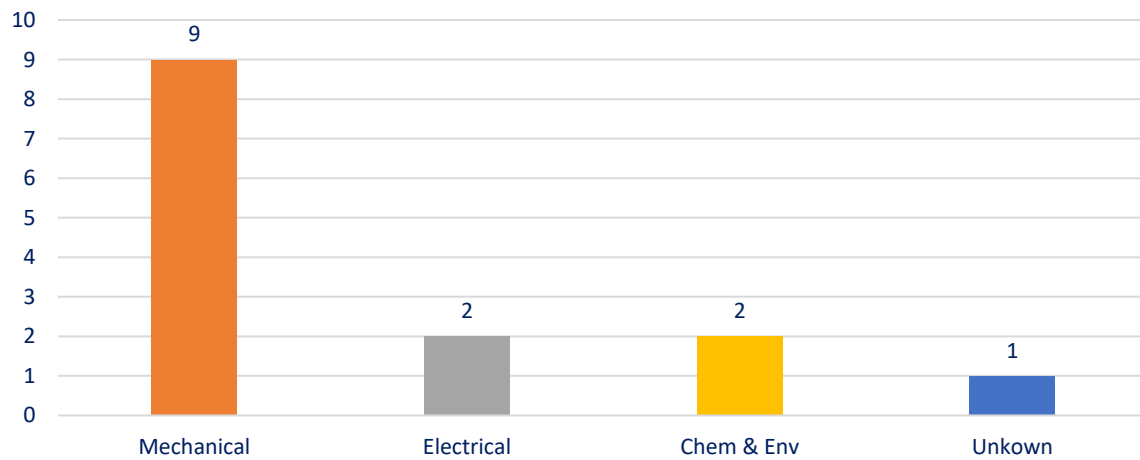
Incidents 2021 (Total)



Incidents – 2021 Month wise

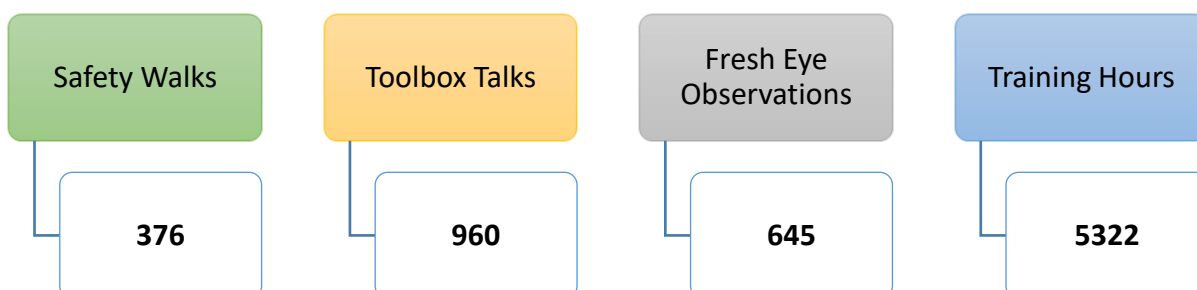


Total No. of Incidents Department wise



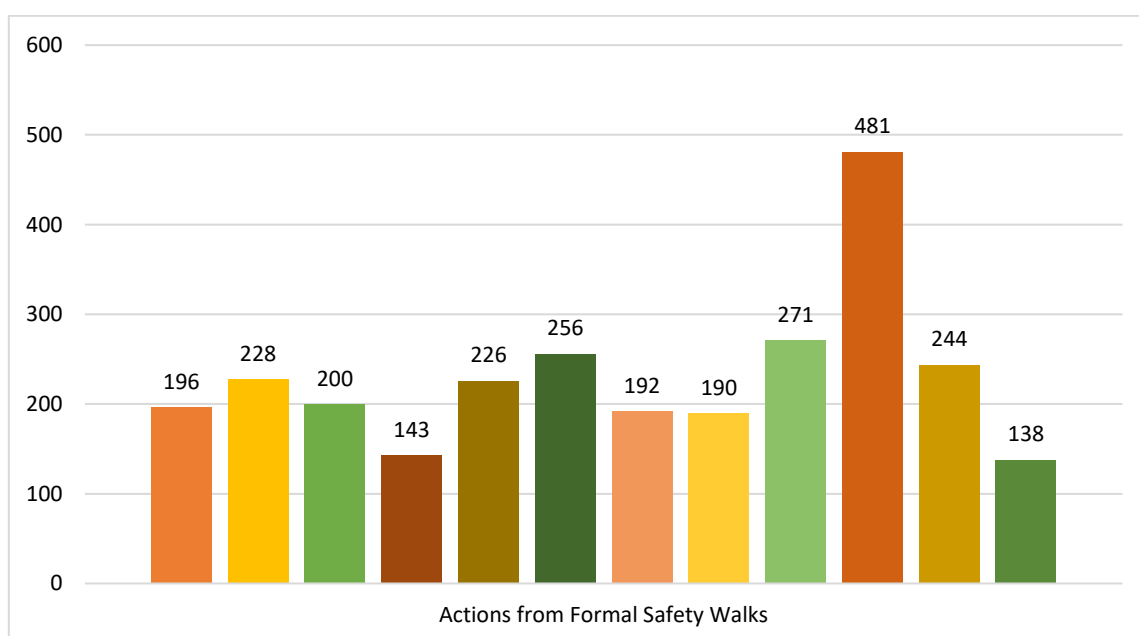
OH&S ACTIVITIES

Various OHS activities takes place in the plant to promote the health and safety. The below added chart summarises the key OHS activities for 2021.



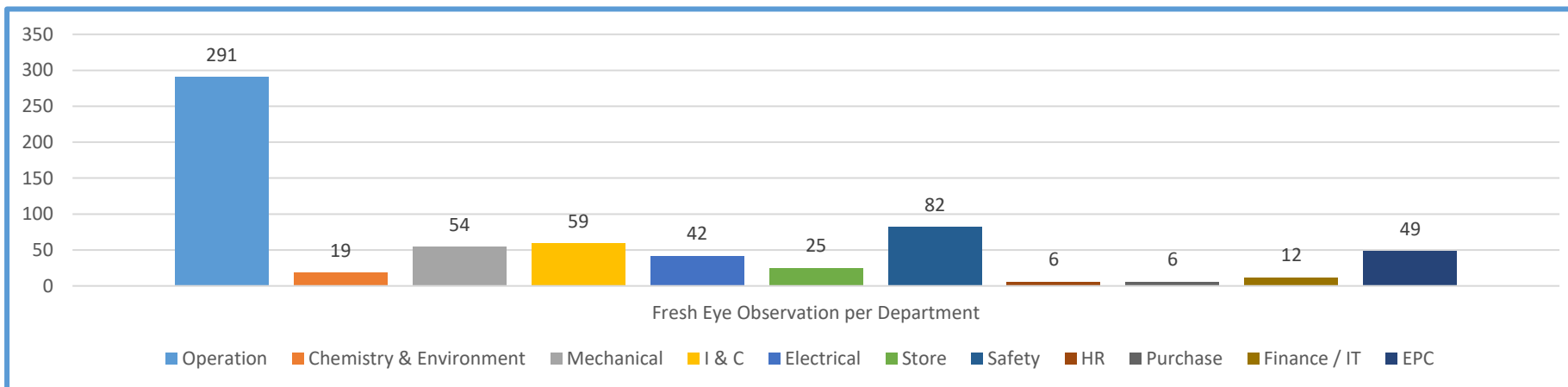
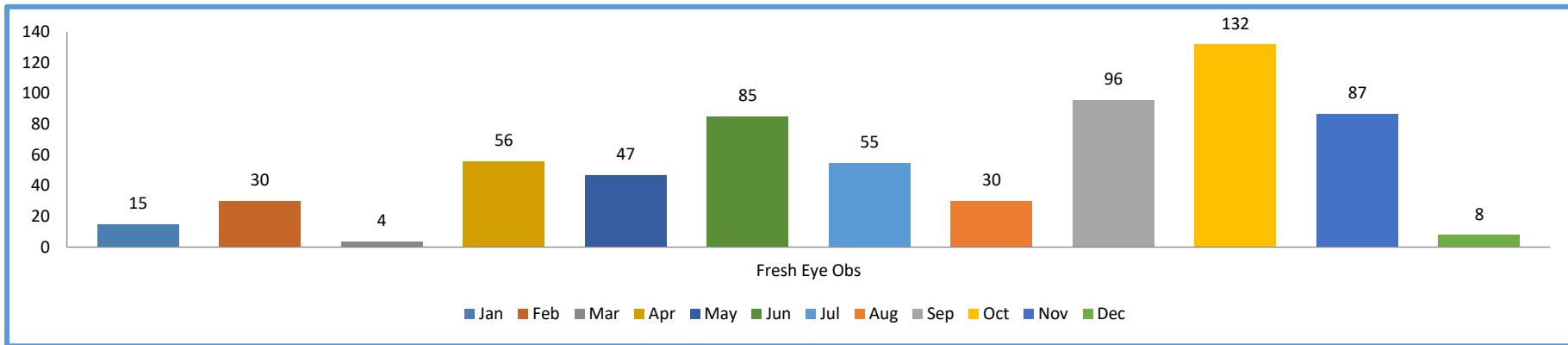
UNSAFE ACT/CONDITION REPORTED

Two different programmes are developed to report the unsafe act and conditions. Monthly plant safety tour by 21 different teams of all employees and individual safety observation programme, through which staff reports day to day safety observations to HSE department. Below chart summerises the unsafe act/conditions reported through the plant safety walkthrough programmes and safety observation programme.

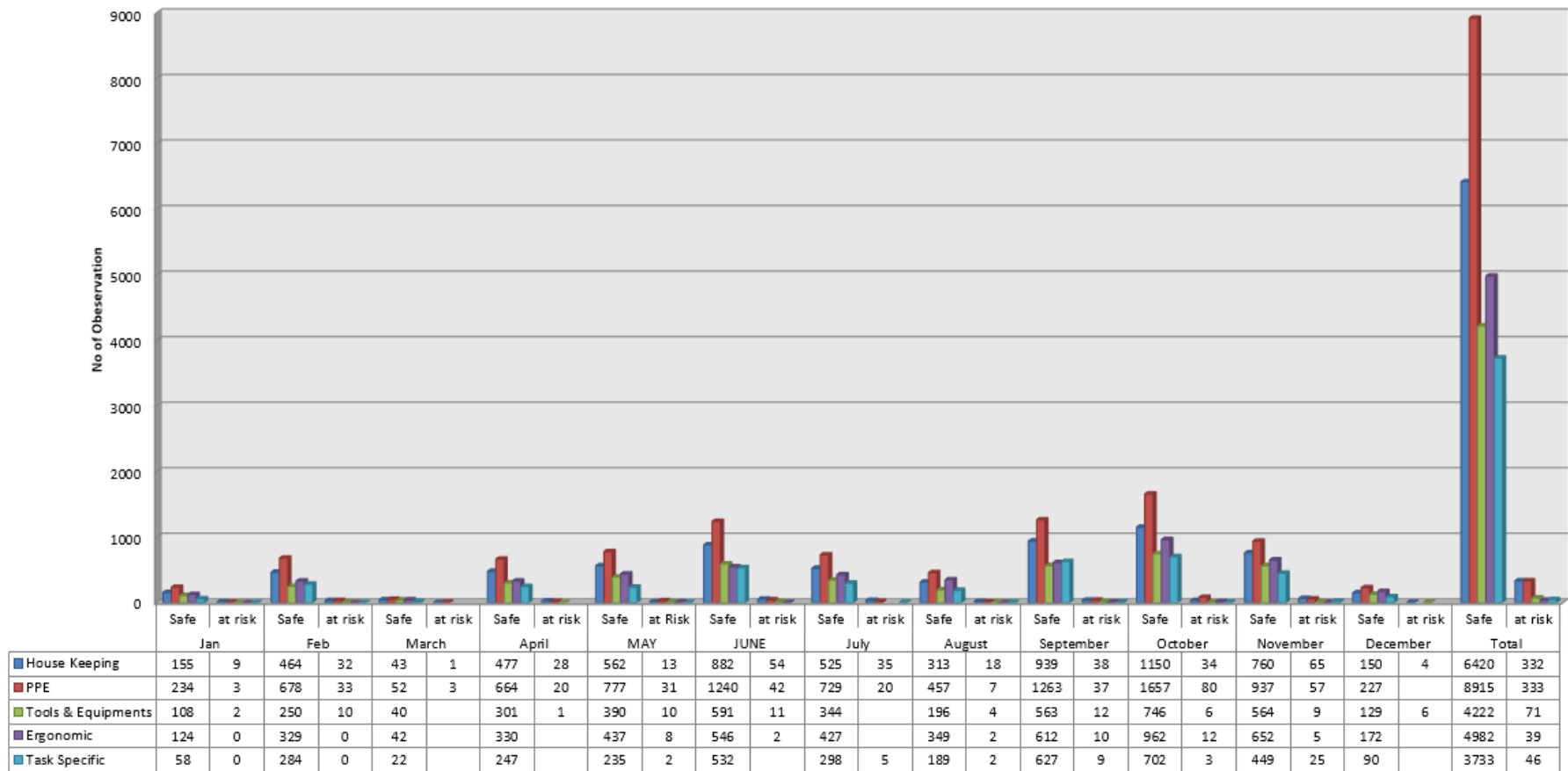


FRESH EYE OBSERVATIONS

The “Fresh Eyes” is a Behaviour Based Safety (BBS) program, implemented to enhance the meaningful involvement of all employees in safety related activities in order to continually improve safety as measured by observation data and accident incident rates. Below data summarizes the fresh eye observation details during 2021.

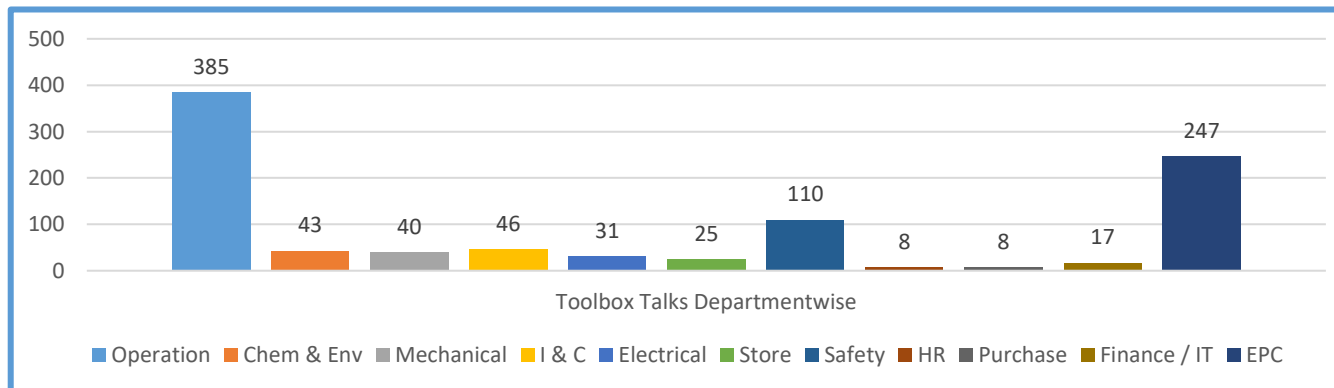
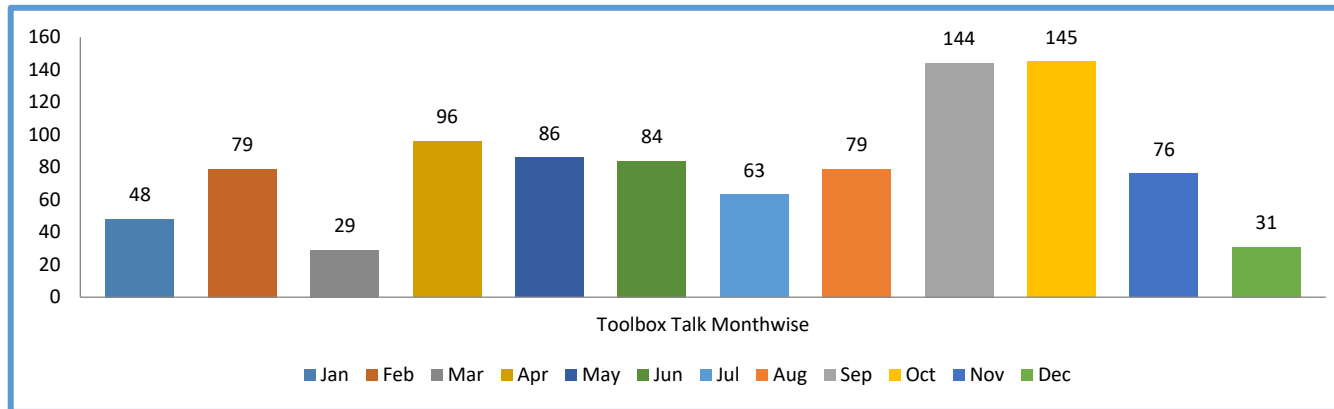


Safe Behavior Vs At Risk Behavior



TOOLBOX TALK

Company OHS objectives set the requirement for conducting regular Toolbox talks on OHS topics by the staff. Conducting toolbox talk is an excellent to get staff involvement and increasing safety involvement and awareness. Below Tables give a break ups on number of tool box conducted month wise by departments



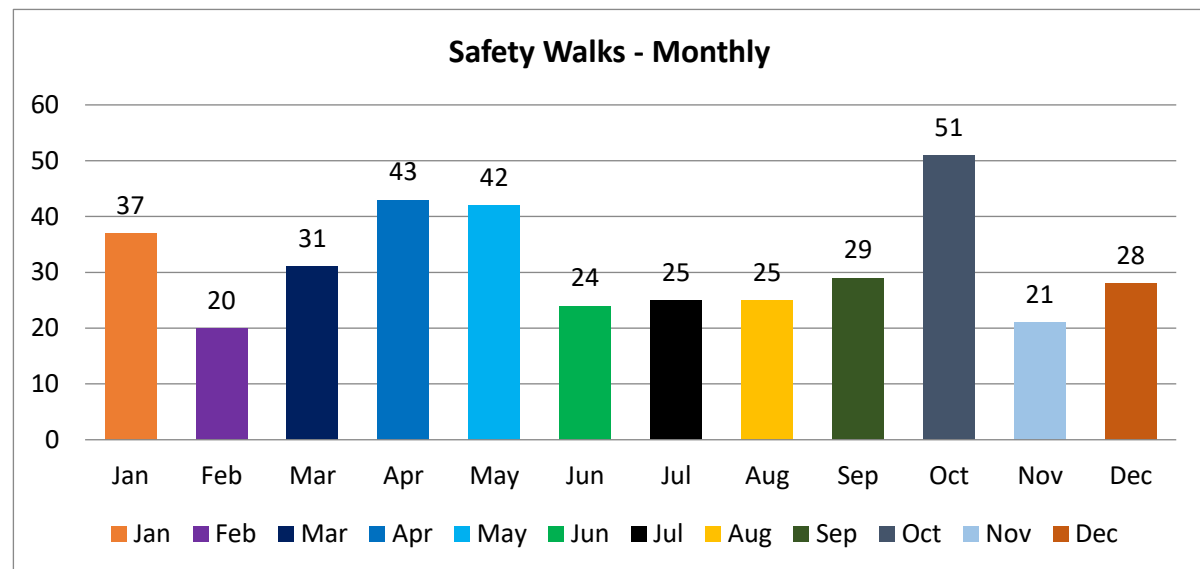
SAFETY WALKS, HOUSEKEEPING & OBSERVATIONS

OHS Observation & Walkthrough reporting programme is running successfully. 19 teams including all staff engaged in this monthly programme covering entire plant areas. A schedule is prepared on monthly basis and shared among all staff. The walkthrough inspection points are recorded and tracked in safety walkthrough log sheet.



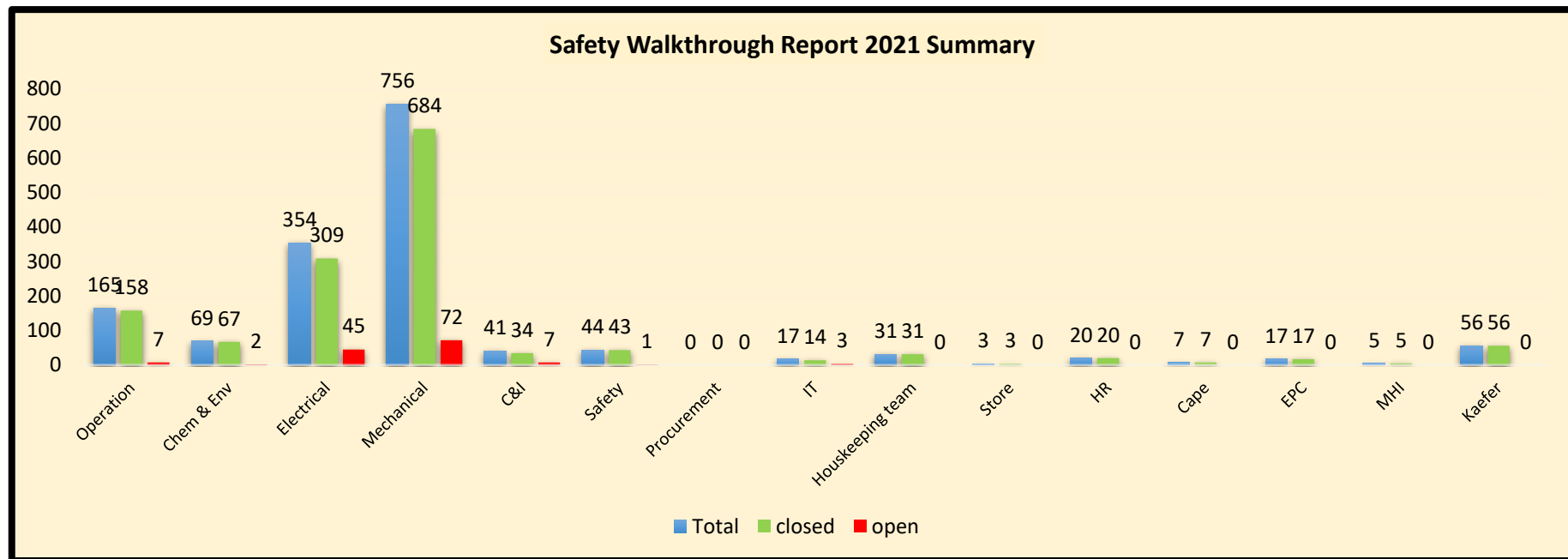
SAFETY WALKTHROUGH REPORTS (SWR)

The Company believes that the periodic safety walkthroughs are essential for assessing and improving both operations & safety performance. Company has implemented a safety walkthrough programme to ensure the participation of all employees. In 2021, 19 teams which includes the members from the management and staffs went around the plant on monthly wise. The walkthrough action points were recorded and actions were tracked on regular basis.

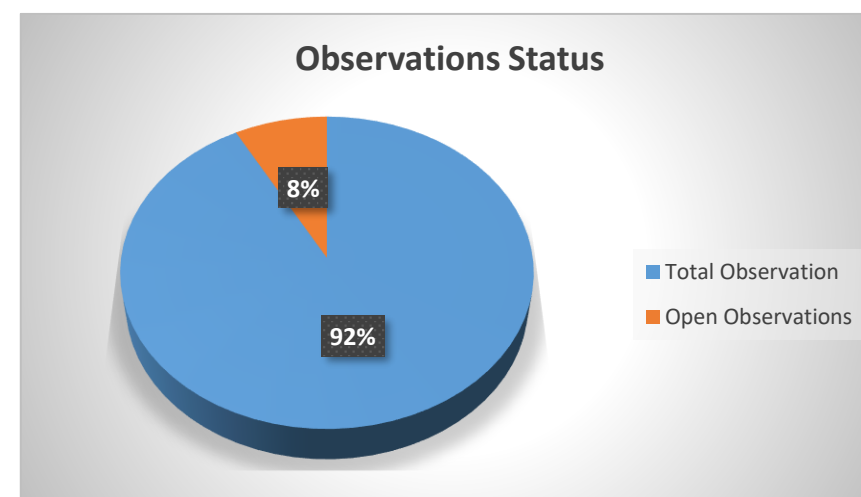
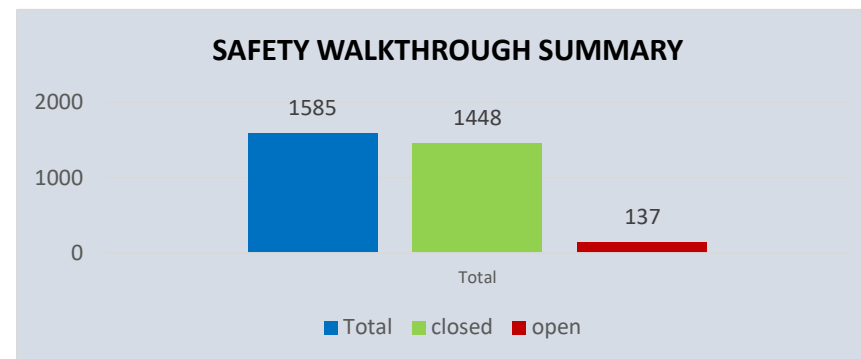


SAFETY WALKTHROUGH REPORT SUMMARY

Safety walkthrough observation status department wise.



Department	Total	closed	open
Operation	165	158	7
Chem & Env	69	67	2
Electrical	354	309	45
Mechanical	756	684	72
C&I	41	34	7
Safety	44	43	1
Procurement	0	0	0
IT	17	14	3
Housekeeping team	31	31	0
Store	3	3	0
HR	20	20	0
Cape	7	7	0
EPC	17	17	0
MHI	5	5	0
Kaefer	56	56	0
Total	1585	1448	137



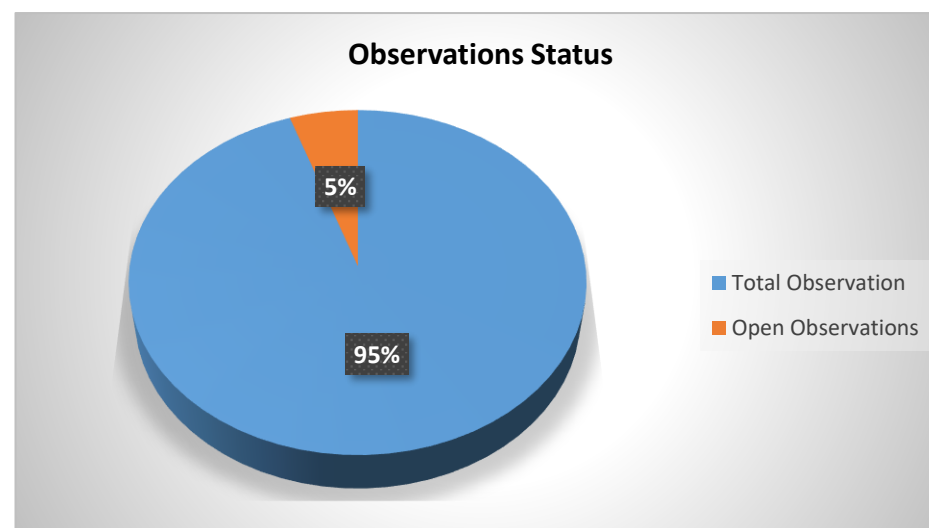
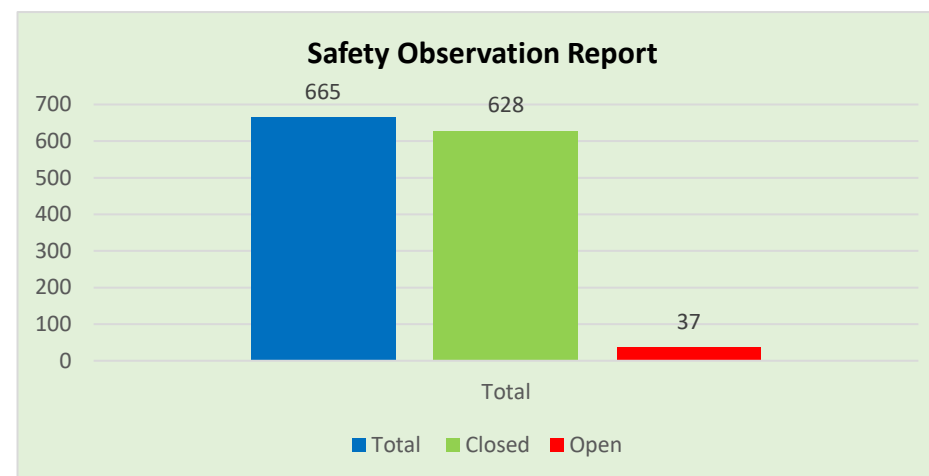
SAFETY OBSERVATION REPORTS (SOR)

We believe safety observation can proactively prevent the incidents and injuries. Each employee including contractors are responsible for raising the safety observation that they encounter during their daily plant visits and linked to their yearly KPIs. Below charts reflects the number of safety observations raised by individual departments. All observations were recorded & actions taken.

Below chart is on the points raised and status.

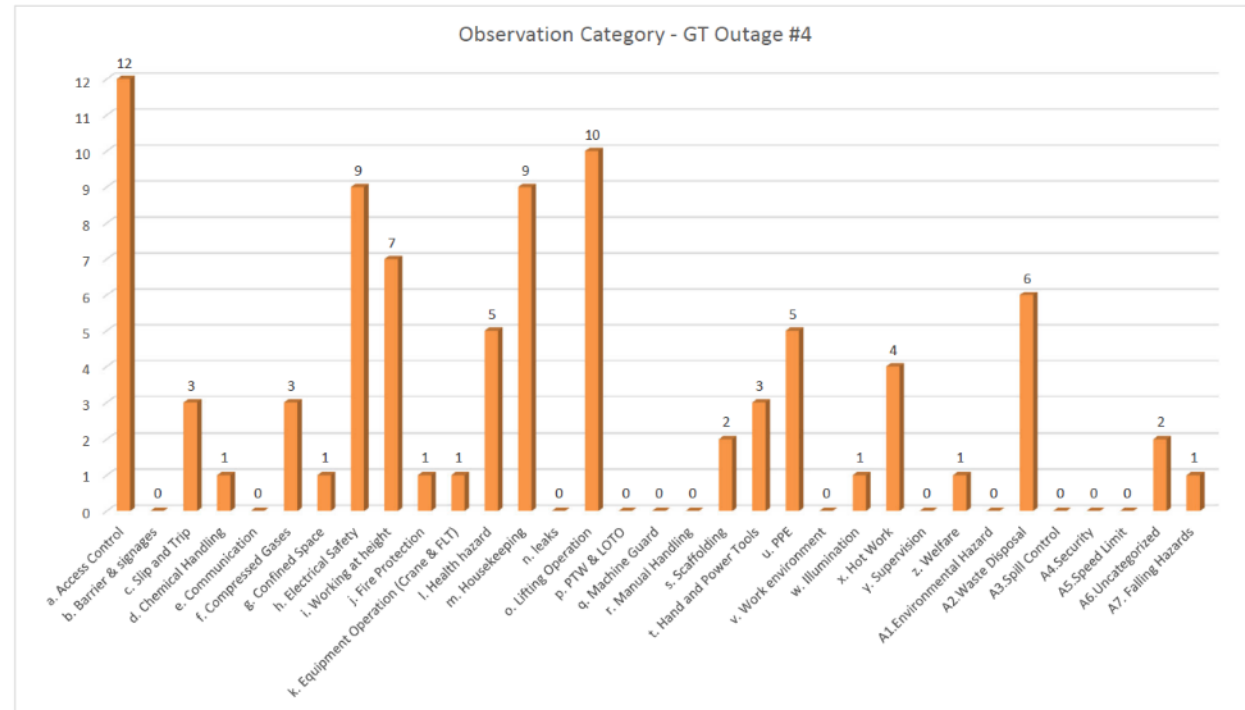


SAFETY OBSERVATION SUMMARY			
Department	Total	Closed	Open
Operation	24	24	0
Chem & Env	14	14	0
Electrical	191	161	30
Mechanical	315	308	7
C&I	14	14	0
Safety	36	36	0
Maintenance	6	6	0
IT	2	2	0
Housekeeping team	26	26	0
Store	1	1	0
HR	4	4	0
EPC	7	7	0
Cape	7	7	0
Kaefer	16	16	0
Elite	1	1	0
MHI	1	1	0
Total	665	628	37

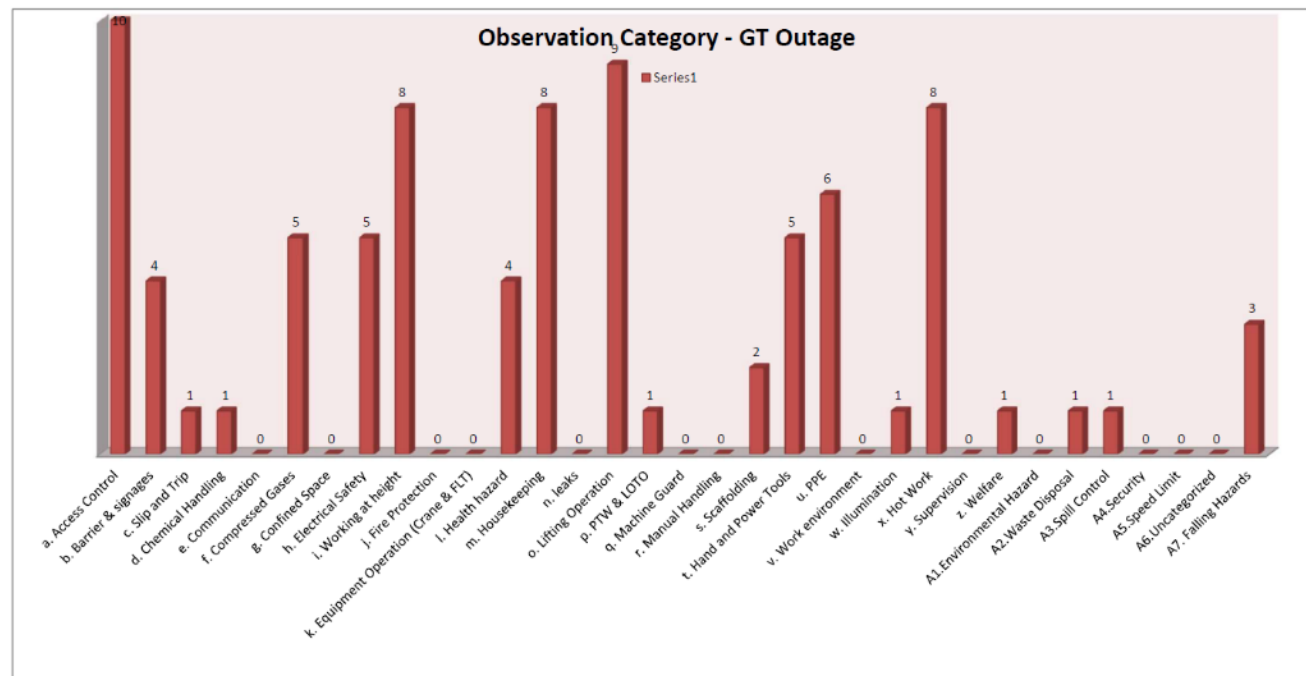


GT OUTAGE OBSERVATIONS

Observation Category - GT Outage #4	
Category	No. of Observation
a. Access Control	12
b. Barrier & signages	0
c. Slip and Trip	3
d. Chemical Handling	1
e. Communication	0
f. Compressed Gases	3
g. Confined Space	1
h. Electrical Safety	9
i. Working at height	7
j. Fire Protection	1
k. Equipment Operation (Crane & FLT)	1
l. Health hazard	5
m. Housekeeping	9
n. leaks	0
o. Lifting Operation	10
p. PTW & LOTO	0
q. Machine Guard	0
r. Manual Handling	0
s. Scaffolding	2
t. Hand and Power Tools	3
u. PPE	5
v. Work environment	0
w. Illumination	1
x. Hot Work	4
y. Supervision	0
z. Welfare	1
A1 Environmental Hazard	0
A2 Waste Disposal	6
A3 Spill Control	0
A4 Security	0
A5 Speed Limit	0
A6 Uncategorized	2
A7 Falling Hazards	1
Total	87

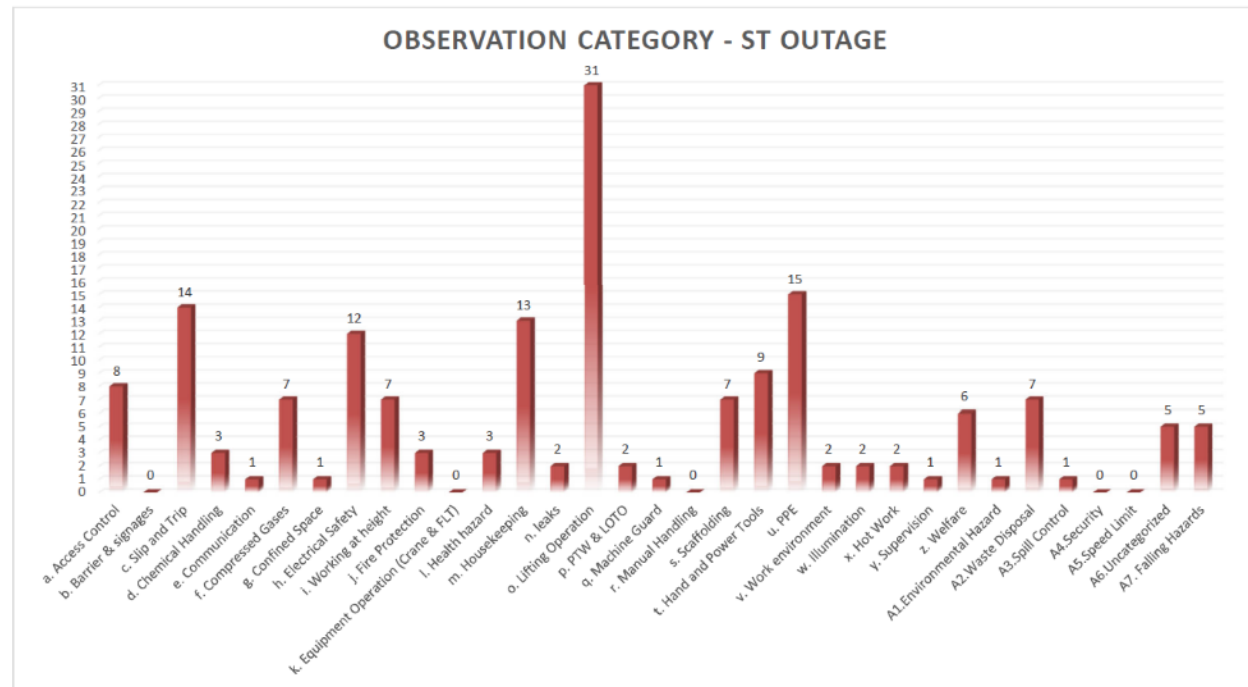


GT #8 Observations 25-feb-21- 4-Apr-21	
Category	No.of Observation
a. Access Control	10
b. Barrier & signages	4
c. Slip and Trip	1
d. Chemical Handling	1
e. Communication	0
f. Compressed Gases	5
g. Confined Space	0
h. Electrical Safety	5
i. Working at height	8
j. Fire Protection	0
k. Equipment Operation (Crane & FLT)	0
l. Health hazard	4
m. Housekeeping	8
n. leaks	0
o. Lifting Operation	9
p. PTW & LOTO	1
q. Machine Guard	0
r. Manual Handling	0
s. Scaffolding	2
t. Hand and Power Tools	5
u. PPE	6
v. Work environment	0
w. Illumination	1
x. Hot Work	8
y. Supervision	0
z. Welfare	1
A1.Environmental Hazard	0
A2.Waste Disposal	1
A3.Spill Control	1
A4.Security	0
A5.Speed Limit	0
A6.Uncategorized	0
A7. Falling Hazards	3
Total	84



ST OUTAGE OBSERVATIONS

ST #3	
Category	No. of Observation
a. Access Control	8
b. Barrier & signages	0
c. Slip and Trip	14
d. Chemical Handling	3
e. Communication	1
f. Compressed Gases	7
g. Confined Space	1
h. Electrical Safety	12
i. Working at height	7
j. Fire Protection	3
k. Equipment Operation (Crane & FLT)	0
l. Health hazard	3
m. Housekeeping	13
n. leaks	2
o. Lifting Operation	31
p. PTW & LOTO	2
q. Machine Guard	1
r. Manual Handling	0
s. Scaffolding	7
t. Hand and Power Tools	9
u. PPE	15
v. Work environment	2
w. Illumination	2
x. Hot Work	2
y. Supervision	1
z. Welfare	6
A1.Environmental Hazard	1
A2.Waste Disposal	7
A3.Spill Control	1
A4.Security	0
A5.Speed Limit	0
A6.Uncategorized	5
A7. Falling Hazards	5
Total	171



HSE ACTIVITIES

Activities to promote safety awareness including:

- OHS Campaigns
 - a. Housekeeping Campaign
 - b. Heat Stress Campaign
 - c. Safe work at Height Campaign
 - d. Hand Safety Campaign
 - e. Fatigue and Road Safety Campaign
 - f. Outage Campaign
- Educational and workshop on obesity and healthy diet
- Safety Training on various health and safety topics.
- Safety inspections.
 - a. Individual inspections.
 - b. Combined safety walkthrough inspections.
- Safety Audits.
 - a. Internal Audits.
 - b. External Audits.
- Implementation of Fresh Eyes.
- OHS Meetings.
 - a. Management Committee meetings.
 - b. OH&S Representative meetings.
 - c. Contractor Safety meeting.
- Emergency Response Drill
 - a. Internal Emergency Drills for both day and night shifts.
 - b. External Emergency Drills – RGPC/RLIC Mutual-Aid Emergency Drill.
- Attending RCL Meetings & IPP Committee Meeting & Shareholders Net Working Group meetings
- Equivalent Event Reporting.
- Safety Stand down meeting – Safety briefing by the Management.



HIGHLIGHTS FROM HSE ACTIVITIES

Health and Working Environment

- Developed and implemented CoVID-19 health and safety plan.
- Developed and updated risk assessment on fatigue and driving safety.
- Regular Noise survey was done and control measures were put in place.
- Temperature and humidity survey were done during summer months and effective control measures provided and RLIC regulations were followed.
- Continuous housekeeping was enforced for a clean site.

Safety and Security

- E-gate system implemented in the security gates and buildings.
- Continuous effort was made to give 100% safety coverage to all working area.
- Surprise checks were done at the gates to ensure only authorized men and safe equipment are let in to the plant.
- Log In/Out for entry and Exit, restricted to ID holders.

Safety and technical integrity

- Replaced all jubilee clips used on hoses, crimped hoses are used
- Covered platforms and walkways – With plywood sheets and green nets.
- Complete overhead protection using scaffold platform.
- Safety nets were provided on all static scaffolds
- Fire blankets and fire-retardant sheets were spread on the scaffold platforms in cooling tower cell to plug all gaps to ensure 100% fire safety.
- Many HSE alerts /incidents/accidents were discussed in the tool box meeting. It is also displayed on the HSE boards...
- Multi lingual signage and posters were used in the site.
- Daily site inspections with the client/contractor HSE representatives were done.
- Increased follow up with contractor companies to improve safety.
- Worker and safety officers ratio - 25: 1
- HSE Bulletin board at the site.

Samples of OHS Good Practices implemented at site

Hydro Test Area Safety



Green net protection



Compressed Gas Cylinder Safety



HEALTH & WELFARE

RGPC plan welfare for employees in advance of work starting and make sure that workers have sufficient drinking water, toilets, washing facilities etc.

- Regular noise survey was done and control measures were put in place.
- Drinking water is provided on daily basis in each work locations.
- For EPC adequate toilets and washing facilities are provided. Facilities are well lit and ventilated.
- Temporary Rest room and Prayer rooms with appropriate facilities are provided.

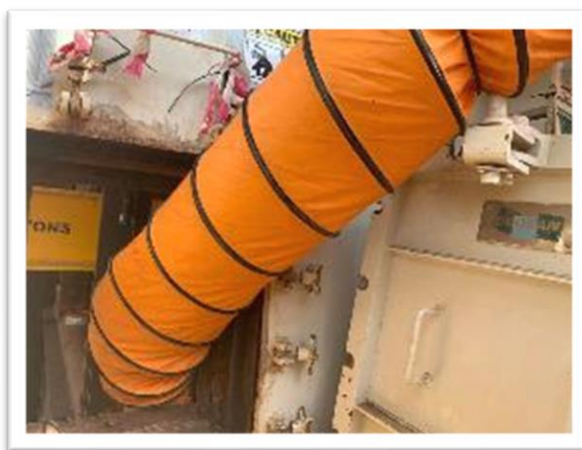
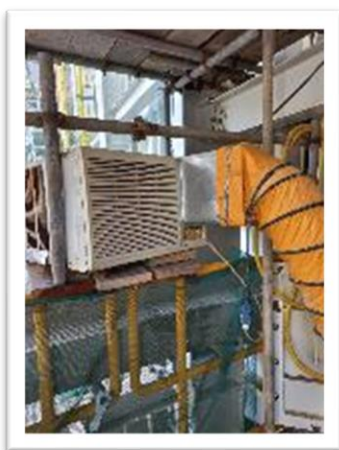


Heat Stress

One of the main occupational health hazards we face in Qatar is the hot summer. During the summer months temperature rises above 50 degree Centigrade during the day. During the year, RGPC has implemented a rigorous monitoring programme in parallel with the Company Heat Stress Management System.

A heat stress campaign was carried out comprising special trainings about the heat stress, issuing heat index cards to one and all, different coloured flags indicating different level of heat index displayed around the site.

During the year, RGPC has successfully achieved the goal of Zero Heat stress related incident cases. The following measures were implemented during the summer months to prevent heat stress related risks and illness;



COVID-19 RESPONSE

Overview

The COVID-19 pandemic presented an unprecedented challenge for RGPC. RGPC was quick to take all necessary precautions for workers in line with the COVID-19 infection prevention and control guidelines.

Throughout the pandemic we implemented a robust strategy to control the spread of COVID-19, our top priority has been to minimise the risk of infection among our workers and to ensure their safety. The RGPC remained in constant dialogue with workers, contractors and the relevant authorities



Monitoring the implementation of COVID-19 preventative measures.

COVID-19 inspections were carried out daily across RGPC workplace to ensure hygiene and disinfection of area, social distancing in mess hall, toilets and buses, compliance in wearing masks, temperature readings and PPE checks at security entrances.

Ehteraz app mandatory

COVID Test & Retest

Regular COVID positive case notification by RLC for the cases reported in RLC.

Temperature Monitoring

Disinfection service- weekly

Hand sanitizer

Surgical gloves and masks for all

Using disposable coverall for entering into restricted areas such as quarantined area.

Disinfection booth installed

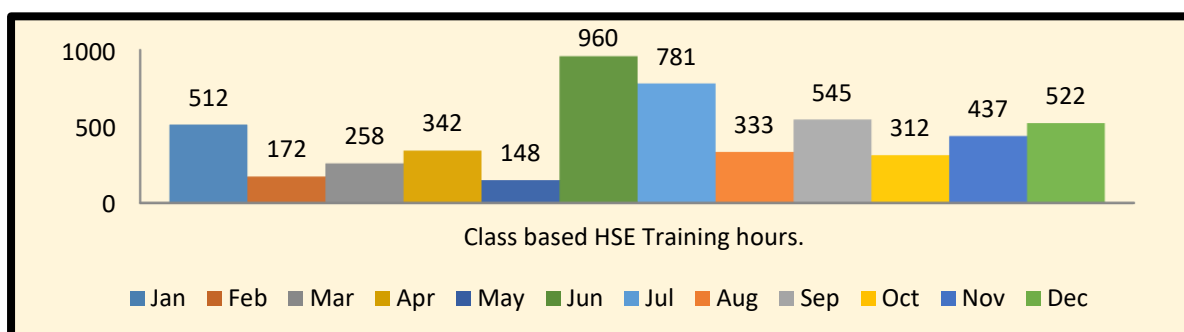
Social distancing followed everywhere.

	
Disinfection	Disinfection Booth
	
Social distancing in transports	Social distancing during TBM

RGPC HEALTH AND SAFETY TRAINING

RGPC provides a comprehensive safety training programme via e-learning such as Safety Median and GPi learning, in-house delivered training and externally accredited safety courses. RGPC have developed training matrixes comprising different OHS topics selected based on the Plant requirements and previous years employees OHS performance.

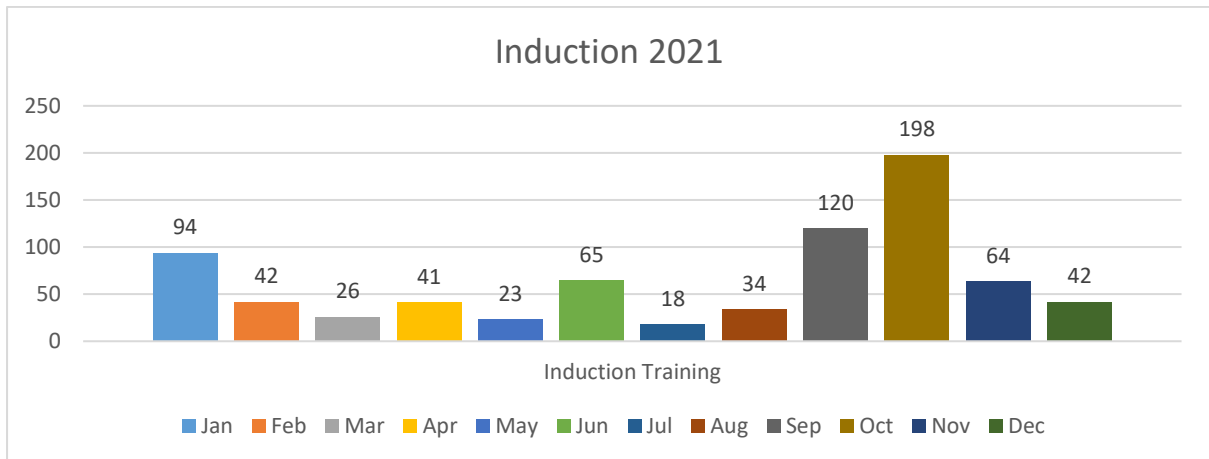
Training Hours



INTERNAL TRAINING

Health and Safety Induction 2021

2021 Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Induction Training	94	42	26	41	23	65	18	34	120	198	64	42	767

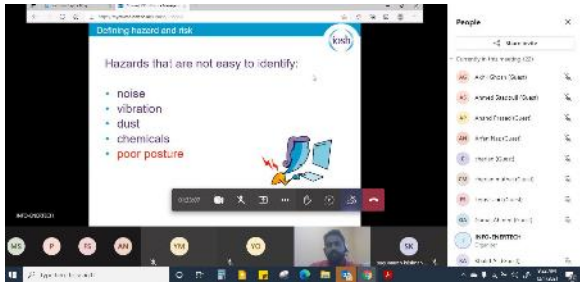
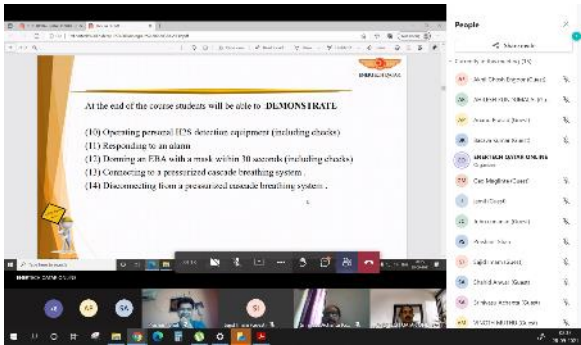

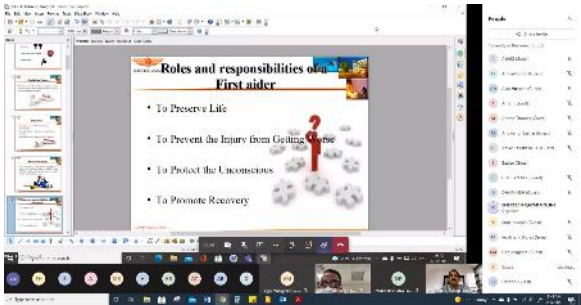


EXTERNAL TRAINING

Safety Training Requirements- External	No. of Attendees
IOSH Working Safely	71
Safety Media	140
First Aid	73
H2S/BA	36
H2S Detectors	80
Process Safety Risk Management	5



External third-party training

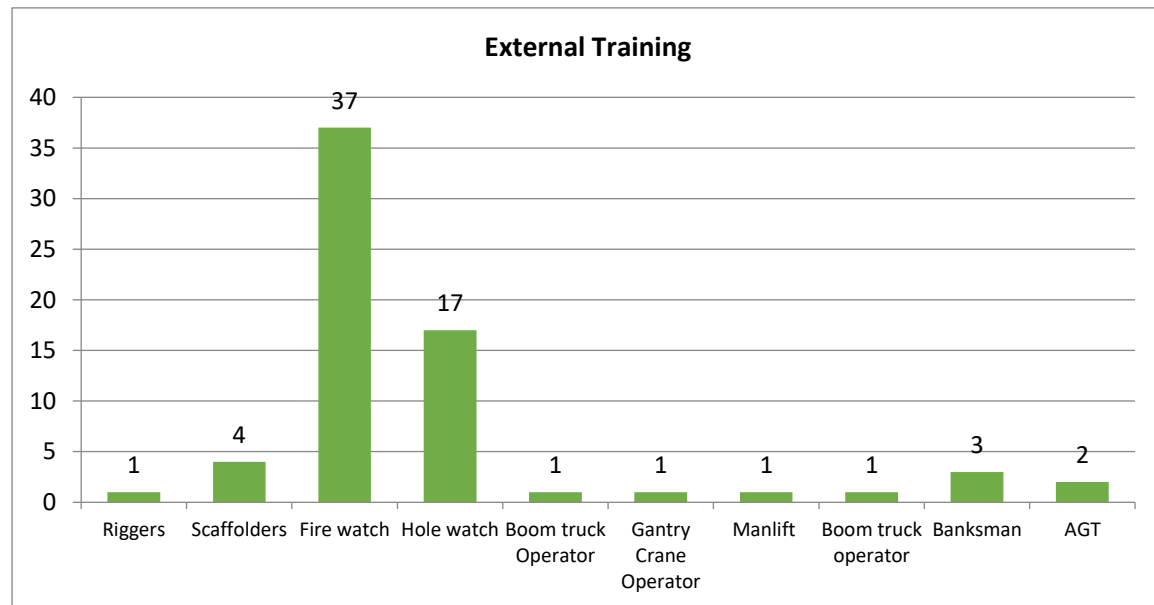
	
IOSH Managing Safely Training	Breathing Apparatus & H2S Training
	
First Aid & CPR Training (offline with safe distance)	First Aid & CPR Training (Online)

The Contractor's Safety Training

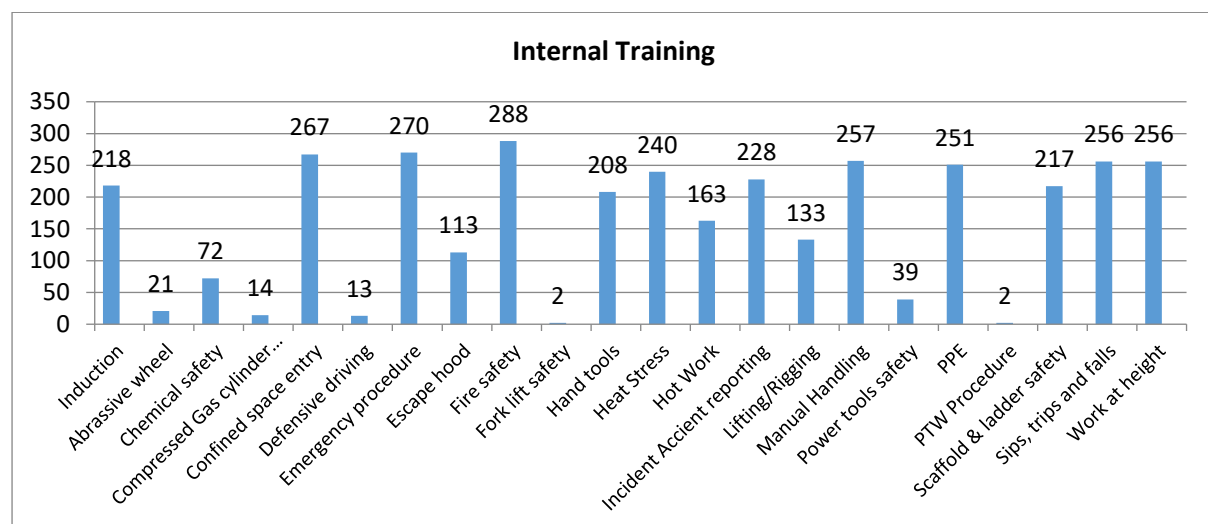
A training matrix identifying the health and safety topics for the contractors has been established and the training was conducted.

The details are as below:

External Training Contractors



Internal Training



NEWSLETTER

Newsletter First Edition

OHS NEWSLETTER

RAS GIRTAS POWER COMPANY

2021
1st Edition

The RGPC OHS Newsletter 2021 1st edition purports to provide a comprehensive summary of the health and safety information's as of May 2021.

Achievements, Awards & Events

- 17.8 million man-hours without LTI (2020 April)
- Successfully Completed GT Major Outages
- RoSPA Commanded Electricity Industry Sector Award (2020)
- Winner of RoSPA Electricity Industry Sector Award 2019
- ISO 45001 Certification (2019)
- Best HSE team runner up award in ENGIE MESCOT - 2018
- Winner of RoSPA Electricity Industry Sector Award 2018
- Winner of RoSPA International Sector Award 2018
- Winner of Best HSE Team - ENGIE MESCOT Award 2017
- Winner of Highly Commended RoSPA Electricity Industry Sector Award - For two consecutive years (2017 & 2018)
- RoSPA Gold Award - For two consecutive years (2014 & 2015)

Successfully Completed GT Major Outages

Manhours Without LTI - 2020

HEALTH CORNER

Protect yourself and others from COVID-19

There are currently no vaccines available to protect you against human coronavirus infection. You may be able to Protect yourself from the risk of (2019-nCoV) infection by doing the following:

Wash your hands regularly with soap and water or alcohol-based hand rubs

Avoid touching your eyes, nose, or mouth

Keep distance, avoid close contacts, and do not shake hands with persons who suffer cold or flu-like symptoms

Cover or Dispose properly used tissues to a dedicated place

If you have flu-like symptoms, you can help protect others by doing the following:

Stay home and avoid close contact with others until free of symptoms

Cover your mouth and nose when coughing and sneezing with a tissue or folded elbow, then throw the tissue in the trash, and wash your hands

In case of severe symptoms, ask the nearest health care facility or call hotline 96478521 - 96478998

Heat Stress

Qatar's summer climate is very hot and humid with summer temperatures ranging from 30 to 50 degree Celsius and average relative humidity of 25% to 100%. This climate creates a potentially dangerous situation for those exposed to heat.

Exposure to extreme heat can result in occupational illnesses and injuries. Heat stress can result in heat stroke, heat exhaustion, heat cramps, or heat rashes. Heat can also increase the risk of injuries in workers as it may result in sweaty palms, fogged-up safety glasses, and dizziness.

Drink Water

- Acclimatization does not decrease your body's need for water. Drink plenty of water!
- Water is the best; juices or no caffeine sport drinks are also good.
- Stay away from caffeinated and carbonated diet drinks as they take water out of your body.

Dehydration

- To prevent dehydration, take advantage of scheduled water breaks!

Eat Healthy

- You can and should replace essential elements lost during sweating.
- Eat a balanced diet rather than taking sports drinks.

BREAKING THE CHAIN OF COVID-19

Prevention

Wash
Wash hands well and thoroughly

Cover
Cover mouth and nose when coughing and sneezing with a tissue or folded elbow, then throw the tissue in the trash, and wash your hands

Avoid
Avoid close contacts, and do not shake hands with persons who suffer cold or flu-like symptoms

Clean
Clean and disinfect frequently touched objects and surfaces

Health and Safety Statistics

Average Manpower	574
Total Man-Hours	17,656,213 hrs.
Fatality / LTA / Medical Treatment	0
No. of First Aid Treatment	4
No. of Fire Incident	0
Near Miss	1
Unsafe Act / Unsafe Condition Raised	767
Unsafe Act Condition Closed	630
Fresh Eye Observation	105
No. of Work Permit	1788
No. of Formal Toolbox Talk	252
No. of Formal Safety Walk	131
Actions from Formal Safety Walks	767
Class based HSE Training hours	1284
HSEAT Meeting	6
Positive Achievements	4
Total Safe Man-Hours - 17,656,213 hrs.	

RGPC Event Triangle

Class based HSE Training hours

Incidents

SOR Status - 2021

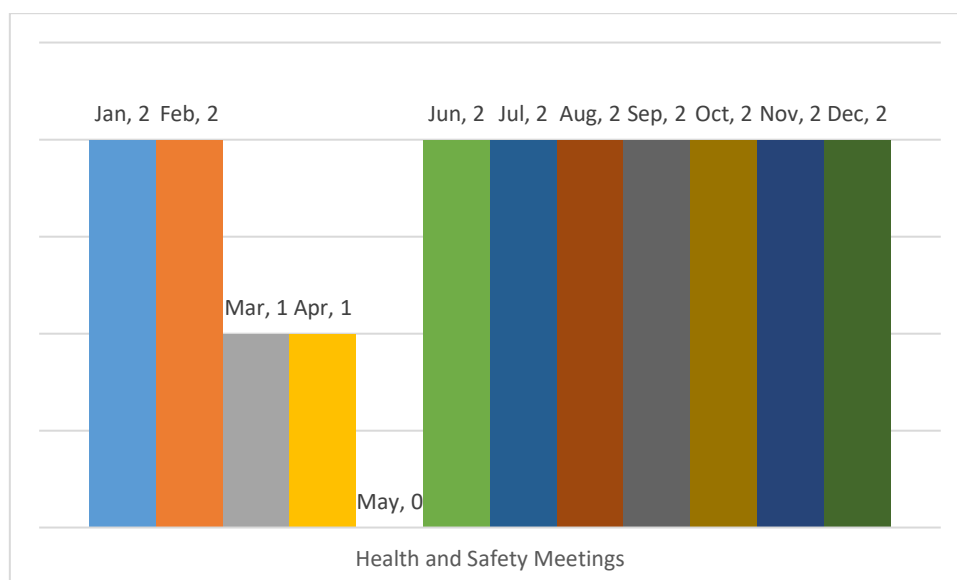
SWR Status - 2021

Safety Walkthrough Report 2021 Summary

Safety Observation Report 2021 Summary



RGPC OH&S MEETINGS



RGPC Safety Representative Meeting

The OHS Representative Forum meets on monthly basis to discuss OHS related issues and communications.

- All safety representatives may consult with and make representations on safety, health and welfare matters relating to the employees in the workplace. The intention of these consultations is to prevent accidents and ill-health, highlight problems and identify means of overcoming them.
- Tracking of action points will be included in the MOM and delegated to concerned person who can act on the issue and so resolve it within a reasonable timeframe. Where an action point keeps reappearing in successive meetings it helps identify items which need to be resolved immediately and may highlight potential underlying problems with the existing H&S procedures in place.

OHS CAMPAIGNS- 2021

Plant housekeeping campaign 2021 Photos



All-hands Safety Meeting



PREVENTION OF HEAT STRESS



Period of Campaign: 27 to 29 Jun 2021

SAFE WORK AT HEIGHT



Period of Campaign: 27 to 29 Jul. 2021

HAND SAFETY CAMPAIGN

posters



Picture taken during events

Dayshift



Nightshift



EDUCATIONAL WORKSHOP ON OBESITY & HEALTHY DIETS



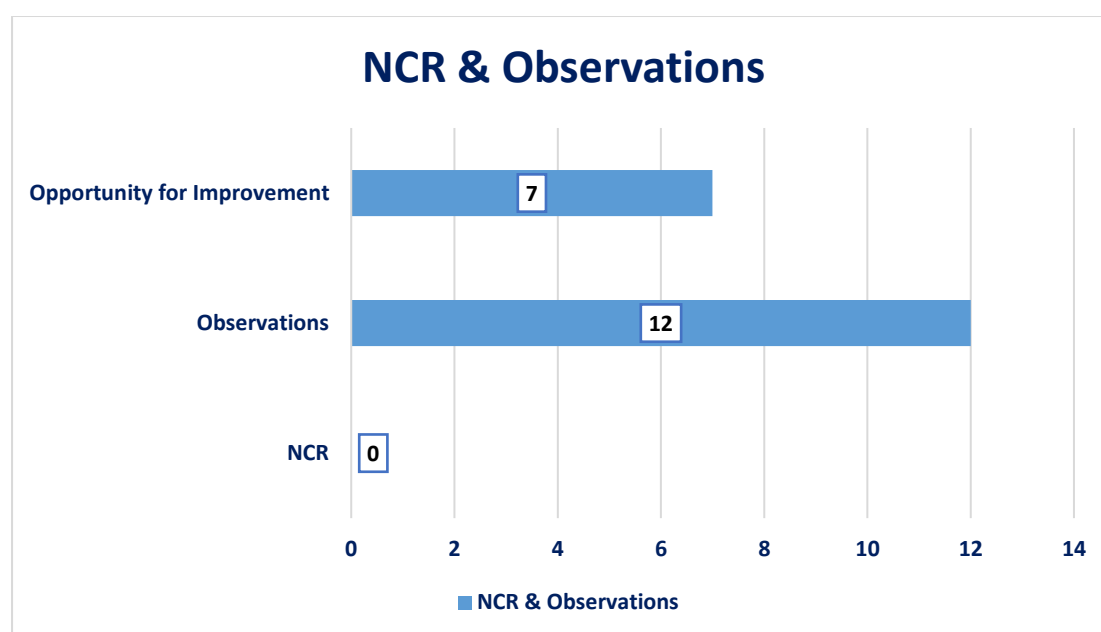
OH&S AUDITS

ISO 45001:2008 AUDIT

ISO 45001:2008 External audit was successfully completed without any NCR's or comments

OH&S INTERNAL AUDIT

Internal audit for 2021 was done as per the audit plan. The findings were communicated to all departments for action.



EMERGENCY MANAGEMENT & PREPAREDNESS

Emergency Drill



Emergency Drill- at contractors side



RGPC Night Shift Emergency Drill

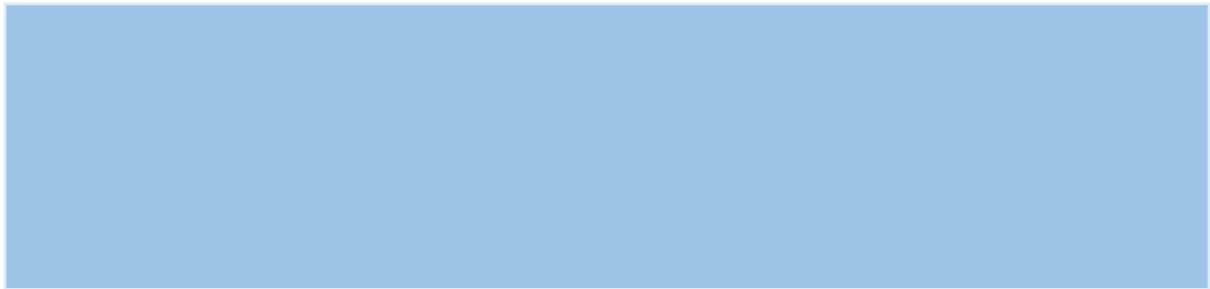
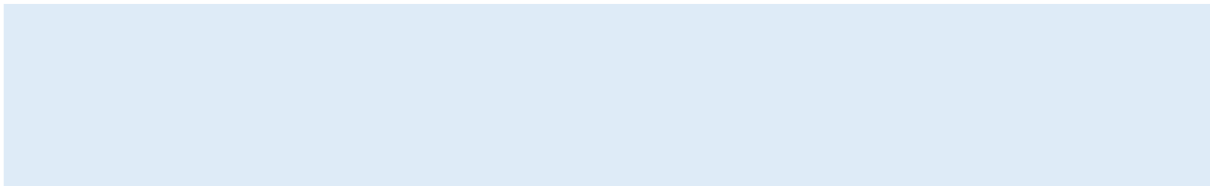
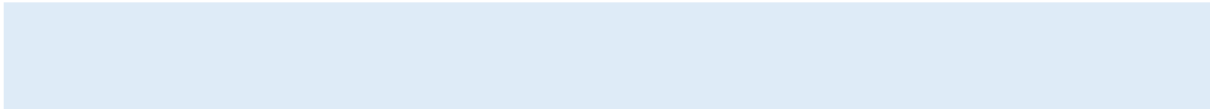


RGPC Day Shift Emergency Drill

OHS LESSON LEARNT- ALERTS

OH&S ALERTS – 2021				
SL No.		OHS Alert	Type of Alert	Remarks
1.	2021-01-13	Fatality incident in Umm Al Naar plant UAE	External	
2.	2021-01-13	Safety Alert- Chemical IBC blast	Internal	
3.	2021-01-26	COVID- 19 Plant Safety Guidelines	Internal	
4.	2021-02-03	CoVID 19 Statement for MoPH	Internal	
5.	2021-02-10	safety alert- Heavy Plant & Equipment- Banksman	Internal	
6.	2021-02-22	COVID- 19- info on reporting increased cases	Internal	
7.	2021-03-04	Qatar Shell - Learning from Incidents	External	
8.	2021-03-24	QP Prohibition of Photography and Videography in QP Areas_210323	External	
9.	2021-03-30	COVID- 19- info on reporting increased cases	Internal	
10.	2021-6-28	MESCATA-OEF-097-FA PD Collapse of Scaffolding structure	External	
11.	2021-07-11	Safety Alert/Alerte Sécurité GBU Energy Solutions - ENGIE Services Maroc	External	
12.	2021-07-13	Safety alert regarding an electric shock incident	External	
13.	2021-08-31	Safety Incident Flash: Not ENGIE- generator Explosion in South Africa	External	
14.	2021-09-04	Heat forecast	External	
15.	2021-09-14	Heat forecast	External	
16.	2021-09-19	Burn injury details- in Dolphin Energy	External	
17.	2021-09-22	Housekeeping- Fire and Safety	Internal	
18.	2021-09-26	Fatality in the ENGIE Group at Equans France of the death of a subcontractor	External	

19.	2021-10-03	Fire incident in waste management facility in RLC	External	
20.	2021-11-07	INJURY/ILLNESS -FATALITY WOODEN BOX FALL FROM HEIGHT	External	
21.	2021-11-17	Safety Alert- Fog	Internal	
22.	2021-11-17	Fatigue and Road Safety	Internal	
23.	2021-12-14	Cleaning liquid storage related incident in RLC camp	External	

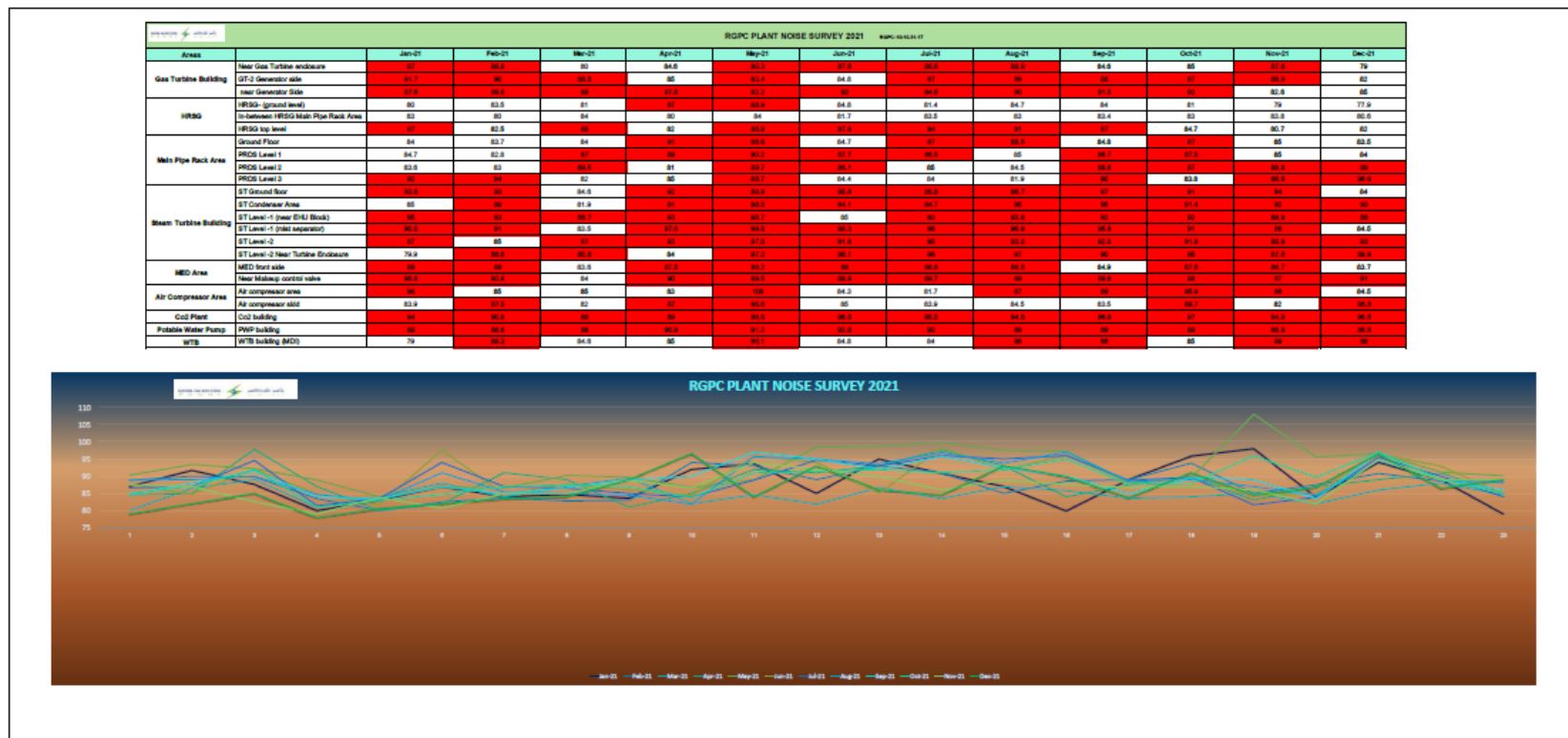


NOISE SURVEY

The noise is identified as one of the high risks for RGPC Plant Operations, a regular monitoring of the noise level was carried out on a monthly basis. High noisy areas are identified and demarked and signs posted with its actual noise level. A monthly noise survey report has been circulated with all staff for their information.

Below is the sample of the noise survey report

Noise Survey Graph







RGPC OHS PLAN FOR 2022

RGPC aims to progress the activities identified within this report and will develop further priorities based on the findings of health and safety audits, consultation with the workforce and changes to law and industry standards. In addition to achieving our performance targets in 2021 we aim to implement the following actions;

- Management of CoVID- 19 health risks
- Continue monitoring the Contractors working areas to ensure the OHS compliance.
- Increase the frequency of management plant tours.
- Safe completion of major outages.
- Safety observations close-out rate > 95%.
- Occupational Health- Management of occupational health risks and to prevent occupational illness
 - o CoVID-19 PCR testing for staff, contractors
 - o CoVID 19 Vaccination plan for staff and contractors
 - o Noise Survey
 - o Legionella test
 - o Heat Stress Prevention
 - o Occupational Health and Safety Meetings: OH &S Management Review Meeting / Monthly RGPC Safety Representative meeting / Contractor Safety Meeting
- Internal and External trainings to increase competency and awareness.
 - o Health and Safety Audits: Internal and external OHS audits and Permit to Work field audits
 - o Emergency Mock Drills: Mutual Aid drills between Ras Girtas Power Company & RLIC / Internal Emergency Drill- for both day shift and night shifts including for the contractors.
 - o RoSPA Award- 2022

HEALTH AND SAFETY INITIATIVES/IMPROVEMENTS FOR 2021-25

-  **IOSH Safety Training-** IOSH training is focused for all staff and management and the course will be started from the 3rd quarter of the 2021.
-  **Installation of H2S gas detectors around the fence-** Due to the close proximity of the Dolphin Energy beach landing valve station at the west side of the plant, H2S detectors will be installed along the RGPC boundary. These will trigger alarms and activate the plant siren to alert personnel working at site to approach the safe locations established.
-  **External Trainings for crane operators, forklift operators and riggers-** third party certification training for lifting equipment operators shall be conducted by the first quarter of 2021.
-  **Safety Awards:** We will continue our great success in achieving the renowned RoSPA health and safety awards by participating in the completion. The award submission will start from January 2022.

- ✚ **Implementation of in-house Safety Awards:** Safety award scheme for staff and contractors will implement for the upcoming major shutdown activities.
- ✚ **Improvement on Safety Signages:** Plant survey and associated works to improve the safety signage requirement will start from 2nd Quarter of 2021.
- ✚ **Additional Car Parking facility:** Due to the increased activities and presence of contractors, additional parking facilities will be provided outside the Plant at north side.
- ✚ **Implementation and integration of e- HSE module in SAP:** HSE module will be developed for HSE incident reporting and investigation, reporting safety observations and safety walkthrough points and follow up. The system will be ready for use by 4th quarter of 2021.

