

Shutdown Safety Observation Tracking Sheet Unit-20/Train-1											
Area-01							Unit-20/Train-1				
SL	Date	Shift	Time	Location	Observation	Type	Recommendation	Risk Category	Raised by	Action by	Status
1	03.10.2023	Morning	2:15 PM	Unit 20/ T-1	Location: Pump # P-20-103B, Cold Work Permit # 3981794 Scaffold erection was carried out without barricading/isolating the affected area Scaffold materials were kept obstructing the walkway access which has potential for trip hazard.	Scaffolding	Contractor shall barricade the area and display "Red Tag" when scaffolding is being erected, dismantled or altered in order to avoid dropped object hazard. Walkway shall be cleared from Construction materials in order to avoid trip hazard.	Medium	SEB	THA/DIT	Closed
2	03.10.2023	Morning	3:15 PM	Unit 20/ T-1	Location: Feed switch area, 1st level of cocker unit, Cold Work Permit # 3990661 & Cold Work Permit #3987246 The presence of chain pulley blocks of different capacities, a range of nylon web slings of different sizes and different types of D shackles were found at this location without inspection and colour coding.	Lifting	Contractor shall inspect all lifting tools and tackles and implement colour coding system before mobilizing these materials from the store to the site.	Medium	VKS	THA/DIT	Closed
3	03.10.2023	Morning	3:25 PM	Unit 20/ T-1	Location: Feed switch area, 1st level of cocker unit. One common SWP checklist was found attached for two different work permits. (CWP 3990661 & CWP 3990680).	Work Permit	Create distinct SWP checklists for each specific type of work or task.	Medium	VKS	THA/DIT	Closed
4	03.10.2023	Morning	3:40 PM	Unit 20/ T-1	Location: Feed switch area, 1st level of cocker unit. Cold Work Permit #3987246 As per the section 1 (B) of the work permit contractor was permitted to use only hand tools and multimeter to execute the job. But contractor crew was found using 2 T chain clock (lifting tools) to execute the job	Work Permit	Contractor should strictly adhere to the work permit requirements and conditions.	Medium	VKS	THA/DIT	Closed
5	03.10.2023	Morning	4:30 PM	Unit 20/ T-1	Location: 2nd level of cocker unit near V-20-103. Unloading pipe spools with valve by using crawler crane without barricading the drop zone. Many employees were found passing through under the suspended load.	Lighting	Drop area shall be barricaded using tapes or other means in areas where other activities are in progress. Load shall not be left suspended and unattended. A minimum two numbers of guide rope (tag lines) shall be used to control swinging of lifted load. No one shall be allowed under the suspended load. A signboard 'Lifting in progress' should be provided.	Medium	VKS	THA/DIT	Closed
6	03.10.23	Night	11:30 PM	Unit 20/ T-1	Near T-20-107 Debut Anizer, Workers were found working on Red Tag Scaffolding.	Scaffolding	Before climbing any scaffolding , tag placed in access of scaffolding should be ensured in green tag that indicates the scaffold is safe to use.	Medium	RAC	THA/DIT	Closed
7	04.10.2023	Night	1:15 AM	Unit 20/ T-1	2nd level of coker unit rigger was found standing on 24 "Inch valve and doing rigging activities.	Lifting	Proper working platform shall be made to reach height for working.	Medium	RAC	THA/DIT	Closed
8	04.10.2023	Night	1:30 AM	Unit 20/ T-1	2nd level of coker unit hydrotest activities in fire water line morethan 390 PSI was found without sign board displayed and personnels were found walking near by area.	Signage/ barricade	Display suitable warnings on the equipment and in the testing areas .display signboard with "KEEP AWAY HYDROTEST IN PROGRESS	Medium	RAC	THA/DIT	Closed
9	04.10.2023	Night	1:50 AM	Unit 20/ T-1	1st level of coker unit , The 24"inch valve dropping activities area was found inadequate illumination.	Lighting	Lighting should be sufficient to enable people to work Additional portable lights to be provided for adequate illumination.	Medium	RAC	THA/DIT	Closed
10	04.10.2023	Morning	9:30 AM	Unit 20/ T-1	In general, several safe work practice checklists were found to be incorrectly filled with some irrelevant points included, and certain columns left blank without marking. This oversight raises concerns about the effectiveness of the safety documentation process.	Work Permit	SWP checklist is crucial to ensure hazards are identified and mitigated before carrying out critical activity. This issue should be addressed promptly to maintain high standard of safety compliance	Medium	SEB	THA/DIT	Closed
11	04.10.2023	Morning	10:00 AM	Unit 20/ T-1	It was noticed that some foremen and supervisors appeared to lack awareness regarding the crucial safety measures related to color coding and the inspection of lifting tools and tackles.	Other	It is recommended that immediate action be taken to provide necessary training and information to ensure that all personnel are well-informed regarding color coding of lifting tools and tackles and adhere to safety protocols.	Medium	SEB	THA/DIT	Closed
12	04.10.2023	Morning	10:30 AM	Unit 20/ T-1	An employee from the fireproofing crew was observed working at an elevated location above the second level of coker unit, standing on a firewater pipeline to fix mesh around the structural beams., as there is a risk of the employee losing balance or slipping on the pipe lane, which could result in a fall from height.	Scaffolding	Provide scaffolding platforms according to the work locations to ensure employee safety and ensuring that employees do not use firewater pipe lines as makeshift platforms for elevated work.	Medium	SEB	THA/DIT	Closed
13	04.10.2023	Evening	2:30 PM	Unit 20/ T-1	observed poor cable management at stabilization ring area (drum area between level 1 and 2) , where welding and electrical cables were haphazardly laid in front of the main access steps, creating trip hazards.	Housekeeping	Contractor shall ensure proper housekeeping by arranging electrical and welding cables in a manner that minimize the risk of trip hazards.	Medium	VKS	THA/DIT	Closed
14	04.10.2023	Evening	3:20 PM	Unit 20/ T-1	Nylon web slings were observed wrapped over sharp-edged structures to secure chain blocks without the use of softeners to protect the web slings from potential damage. This practice poses a safety concern as it can lead to abrasions and weakening of the slings, compromising their load-bearing capacity and overall safety.	Lifting	Contractor shall ensure proper handling and protection of nylon web slings to prevent accidents and maintain equipment integrity.Ensure that personnel using these materials are trained in proper safety procedures and are aware of the potential risks associated with using webbing near sharp edges.	Medium	VKS	THA/DIT	Closed
15	05.10.2023	Night	12:20 AM	Unit 20/ T-1	Unit-20/ Tr-01 / Near to P-20,224 B Tower light GS-TL-127 Found spark arrestor was broken and tower light is being used .	Defective Equipment	Tower light shall be removed from site & the spart arrestor shall be fitted properly.	Medium	RAC	THA/DIT	Closed
16	05.10.2023	Night	12:30 AM	Unit 20/ T-1	Permit (3991663) issued for unloading of valves & working crew performing loading of valves .	Work Permit	Activity that is mentioned in the work permit should only be carried out. Separate permit should be taken if the activities is not mentioned in the work permit.	Medium	RAC	THA/DIT	Closed
17	05.10.2023	Night	1:20 AM	Unit 20/ T-1	Train 1 East sideP-20-102 A Found Two personal desending the ladder simultaneously.	Other	Simulatenaeously climbing or desecnding shall not be done.	Medium	RAC	THA/DIT	Closed
18	05.10.2023	Night	3:40 AM	Unit 20/ T-1	East side of Train -1 While breaking concrete paving worker using jack hammer was found not wearing face shield.	PPE	Depending on the Activities PPE should be worn . Instead of normal safety glass , Face shield should be worn.	Medium	RAC	THA/DIT	Closed
19	05.10.2023	Morning	9:40 AM	Unit 20/ T-1	The contractor has not been provided with electrical connections to the toilet blocks located at the East and West sides of Unit 20/T1 for the employees involved in shutdown activities. With approximately 350 employees working during the night shift, this absence of electrical connections poses a safety concern.	Welfare/Bus Boarding	Contractor shall provide proper lighting and power sources for the well-being of employees, especially during nighttime work.	High	VKS	THA/DIT	Closed

20	05.10.2023	Morning	12:50 PM	Unit 20/ T-1	An employee belonging to the tie-in group was observed working on an unsafe scaffolding structure that lacked ladder access. Furthermore, the employee was standing in close proximity to an area where numerous scaffolding planks were found missing. Additionally, no hand rails were provided to safeguard the employee in case of emergency or unexpected situations. Activity -Blinding for Tie-in activities (TP-201-004/514) Location- Under main pipe rack, near E-20-108.	Blinding	Contractor shall take immediate action to address scaffold safety, including proper access, equipment availability, and missing plank replacements to ensure the well-being of workers on-site.	High	VKS	THA/DIT	Closed
21	05.10.2023	Evening	8:00 PM	Unit 20/ T-1	One Bus # 22/14597 deboarded employees at the 29th Avenue/K-Street Junction instead of designated Bus boarding/de-boarding location. Contractor was observed crossing the K street and no flag man was availbale at the junction to regulate the traffic. Bus Marshal was not available in the bus	Welfare/Bus Boarding	All buses irrespective of shifts shall board and de-board only at the designated area inorder to avoid traffic incidents. Bus marshal shall be available in the bus to regulate de-boarding. Informed Construction Manger-M/s.GULFSPIC and Safety Engineer to ensure compliance from tomorrow	High	SEB	THA/DIT	Closed
22	05.10.2023	Night	9:40 PM	Unit 20/ T-1	Insufficient lights were observed at various Loacation Level 1,2 & East side of T-101 . Also some area is lights are available but not working due to power surge and other trip problem. Also observed shortage of electricians to attend electrical problems.	Lifting	At present only 1 Electricians are available but required minum 2 electricans for night shift to attend various electrical issues to avoid illumination problems.	High	RAC	THA/DIT	Closed
23	06.10.2023	Night	12:13 AM	Unit 20/ T-1	Permit -3994724 Issued For using manbasket for lifting of materials the CTRA number mentioned in the permit was not available instead other CTRA which is not related to activities is available with permit	Lifting	The Appropriate CTRA mentioned in the permit shall be available with workpermit at site.	Medium	RAC	THA/DIT	Closed
24	06.10.2023	Night	4:30 AM	Unit 20/ T-1	From level 2 towards Access of Tower # 101 found lighting cables,Air hoses welding cables were laid on waklways.	Housekeeping	Put extra attention to route cables and hose in an orderly fashion to eliminate the risk of tripping	Medium	RAC	THA/DIT	Closed
25	06.10.2023	Morning	4:50 AM	Unit 20/ T-1	Near Contractor rest shelter while fabrication of pipe spool the fire watcher was not available at welding loacation.	Hot Work	Fire watcher should not leave the hot work loacation during hot work in progress.	High	RAC	THA/DIT	Closed
26	06.10.2023	Morning	10:30 AM	Unit 20/ T-1	Blind List for Line Breaking (Permit No: 3997823 & Permit No: 3991988) activities are not available at site. It is mandatory to keep blind list at blind location.	Blinding	Arrange to keep blind list at work location.	High	HMJ	THA/DIT	Closed
27	06.10.2024	Morning	11:30 AM	Unit 20/ T-1	Blind list Tie-in reference Number and Work permit reference Number does not match. GS supervisor informed that Blind list reference from Train-2 is being used. This needs to be corrected.	Blinding	Change the Tie-In reference from the Blind list to be consistent with the tie-in number in Permit.	Medium	HMJ	THA/DIT	Closed
28	06.10.2024	Evening	8:30 PM	Unit 20/ T-1	Illumination in few location found to be inadequate. Illumination survey to be carried out	Lighting	Illumination survey to be carried out	Medium	VES	THA/DIT	Closed
29	06.10.2023	Night	11:00PM	Unit 20/ T-1	Blinding activity was found carried out at height with out a proper working platform	Blinding	Proper scaffolding platform to be provided	Medium	CSS	THA/DIT	Closed
30	06.10.2023	Night	11:00PM	Unit 20/ T-1	observed poor cable management at stabilization ring area (drum area between level 1 and 2) , where welding and electrical cables were haphazardly laid in front of the main access steps, creating trip hazards.	Hot Work	Cables to be laid properly to avoid any trip hazard	Medium	CSS	THA/DIT	Closed
31	07.10.2023	Morning	9:30 AM	Unit 20/ T-1	Employees were found accessing an elevated work location in an unsafe manner. Employees were seen walking and climbing over old pipes and structural beams, which is not an approved or safe method for accessing elevated work areas. Additionally, it was noted that the employees at the site appeared to be unaware of safe work practices when working at elevated locations. Activity - Pipe cuttining,grinding,welding etc Location- Near E-20-108. Hot work permit - 3999742	Scaffolding	Proper scaffolding platform to be provided.Contractr shall take immediate action to address scaffold safety, including proper access, equipment availability, and training on safework practices while working at elevated work locations. ensure the well-being of workers on-site.	High	VKS	THA/DIT	Closed
32	07.10.2023	Morning	10:00 AM	Unit 20/ T-1	Poor housekeeping practices and trip hazards were observed at the permanent platform near the manway where employees entering inside the T-20-101 for scaffolding erection.	Housekeeping	Ensure proper housekeping at all elevated work locations.	Medium	VKS	THA/DIT	Closed
33	07.10.2023	Morning	10:30 AM	Unit 20/ T-1	It has been observed that the contractor has taken a permit for the transportation of materials using a man basket from ground level to the top level of the fractanarator column. However, it has come to our attention that the contractor is also using the man basket to transport personnel, which is a significant safety violation. Furthermore, it has been noted that the mandatory rigging plan (Appendix F1) and Generic method statement for critical lifts (Appendix -F3) , which are essential for ensuring the safe use of the man basket, have not been prepared, approved, or attached to the work permit. Hot Work Permit - 3999722 Crane No-34907	Work Permit	Contractor shall strictly adhere to KNPC Safe Work Practices on Lifting Appliances & Tackles (HSE-TSSA-06-2012, Rev-6) when working with Man basket.	High	VKS	THA/DIT	Closed
34	07.10.2023	Morning	11:00 AM	Unit 20/ T-1	Fractionator Column :T-20-101 Job Cold Work Permit # 3997616 for removal of trays inside the vessel was marked as Medium and Confined Space Authorization marked in the job permit was 3997607. However, Confined Space Entry Authorization available at site was with # 3999701. Discrepancies observed regarding tray numbers in job permit and confined Space Entry Authorization No means of communication available between Confined Space Attendant and seven Entrant inside the Tower No means of communication and no communication device provided to the Confined Space Attendant to contact EDC in case of any form of emergency. Rigging Engineer/Construction Engineer signed and approved F-01: Rigging Plan for Critical lift and F-03: Generic Method Statement for Critical Lift and F-02: Rigging Method Sketch was not available for the activity. Crane Suspended Man basket was not clamped to the permanent structure of the tower platform before allowing employees to move from man basket and tower platform. Employees were observed jumping from the man basket to the tower platform. Permit was executed by HEISCO work permit executor Mr. VijaySingh (Emp.# C-33279). Executor was not available at job location to guide and ensure compliance to KNPC SWP.	Work Permit	Contractor shall ensure to comply with KNPC Safe Work Practices on Lifting Appliances & Tackles (HSE-TSSA-06-2012, Rev-6) when working with Man basket. Deviation/violation was communicated during the evening meeting to the PCG-VIII team and Contractor M/s.Gulfspic to ensure compliance duiring subsequent entries to all towers (T-20-101 & T-20-107)	High	SEB	THA/DIT	Closed
35	07.10.2023	Evening	08:00PM	Unit 20/ T-1	Lighting arrangements are not provided at the east of Unit-20/Train-1 where around 10 numbers of Containers are kept for Shutdown. Further lightings are not provided at the cylinder storage area and location where welding sets are kept	Lighting	Lightning shall be provided at the Container area and shall ensure lighting arrangements in compliance with Appendix-L of KNPC SWP on work Permit System and Risk Assessment. Informed Contractor Safety Engineer to take immediate action	Medium	SEB	THA/DIT	Closed

36	07.10.2023	Night	9:40 PM	Unit 20/ T-1	Near TR-01 - V-103 feed switch area Observed grating was left open for piping activities and the opening was not barricaded . near other working crews were observed carrying out other activities.	Grating	If grating is removed for any reason or if such an area or open hole is identified, ensure that it is properly barricaded and/or covered.	High	RAC	THA/DIT	Closed
37	07.10.2023	Night	11:50 PM	Unit 20/ T-1	Near PS-108 Observed while 6" Control valve dropping by mechanical maintenance crew kersosine leak occurred from the valve, near by PD working crew were doing hot work activities .	Hot Work	when such activities expected any leaks operation or maintenance has to communicate to other company crew to stop hot work activities. Prior to start activities. This issue has to discuss shutdown meeting .	High	RAC	THA/DIT	Closed
38	08.10.2023	Morning	1:10 AM	Unit 20/ T-1	Critical Activity in confined space (cold cutting)was carried out with presence of Foreman. also available CTRA (Ref. # MAB-OPRA-23-073) not mentiond for Cold cutting activities. Permit No (139328 & 397053)	Work Permit	Foreman is allowed to take care only low and Medium risk work. For critical work supervisor must be presence at location.	Medium	RAC	THA/DIT	Closed
39	08.10.2023	Morning	4:10 AM	Unit 20/ T-1	It was observed that, Pre heating activities was in progress, the fire extinguishers was found not placed for the heating machine.	Hot Work	Fire extinguisher for heating machine shall be kept in safe distance befofre starting machine.	High	RAC	THA/DIT	Closed
40	08.10.2023	Morning	8:30 AM	Unit 20/ T-1	It has been observed that the employee from M/s Gulf Spic was working on a scaffold platform that exhibited several safety concerns: Missing Safety Features: The scaffold platform lacks essential safety features such as handrails, toe boards, and guardrails, which are crucial for preventing falls and ensuring worker safety. Inconsistent Scaffolding Tag: The scaffolding tag attached to the platform belongs to M/s AL-MEN, even though the scaffolding was built by M/s Gulf Spic. This discrepancy raises questions about proper documentation, maintenance, and compliance with safety standards. Location -E-20-108	Scaffolding	This situation highlights a significant safety risk and potential regulatory violations. It is essential that both companies,M/s Gulf Spic and M/s AL-MEN, address these issues promptly to ensure the safety of their employees and compliance with safety regulations. A thorough inspection, corrective actions, and proper tagging of scaffolding should be conducted to rectify these concerns.	High	VKS	THA/DIT	Closed
41	08.10.2023	Morning	9:30 AM	Unit 20/ T-1	Multiple lifting tools and tackles, including a crane, have been identified without current inspections and proper color codingM at the west side of Unit 20 main pipe rack.	Lifting	Contractor shall inspect all lifting tools and tackles and implement colour coding system before mobilizing these materials from the store to the site.	Medium	VKS	THA/DIT	Closed
42	08.10.2023	Evening	5:30 PM	Unit 20/ T-1	Observed during Radiography activity without signage and Barrication.	Radiography	Propper Signboard and Barrication shall be arranged to protect unauthorized entry in to radiography area.	High	NMH	THA/DIT	Closed
43	08.10.2023	Night	9:30 PM	Unit 20/ T-1	Near pump # 102 A/B Welding & Cutting of pipe spool activitiy , spark was observed coming out of welding booth.	Hot Work	The welding and cutting area must be totally enclosed, using a flameproof tarpaulin canvass in a manner to contain sparks,molten metal/splatters, block the view of the welding/cutting arc from passerby, and isolate any nearby combustible fuel source from the hot work activity.	High	RAC	THA/DIT	Closed
44	09.10.2023	Night	12:20 AM	Unit 20/ T-1	Fractionator Column :T-20-107 working inside confined space Attendant and Entrant were found no communication to call in case of emergency.	Confined Space	An effective, dependable communication route between attendant and the entrant shall be maintained at all times when the entrant is in the confined space.	High	RAC	THA/DIT	Closed
45	09.10.2023	Morning	3:10 AM	Unit 20/ T-1	Near V-103, Feed switch area Portable ladder is being used by rigging crew the ladders was found not having tag.	Scaffolding	Portable ladders shall be periodically inspected and tagged (i.e. ‘safe for use’ or ‘not to be used’).	Medium	RAC	THA/DIT	Closed
46	09.10.2023	Morning	9:00 AM	Unit 20/ T-1	Observed that an employee belongs to M/s Gulf Spic was found working on an incomplete and unsafe scaffolding inbetween second level of V-20-102 and T-20-101. This situation presented a high potential fall hazard.	Scaffolding	Contractor shall ensure competent supervision and safe working platforms for the employees working at elevated areas.	High	VKS	THA/DIT	Closed
47	09.10.2023	Morning	10:00 AM	Unit 20/ T-1	The name of the Work Permit Level-II card holder is not mentioned in the work permit when the main executer is not available (for medium risk jobs) .HWP -4005269, 4003750,4004828, 4005196,4005186,4005519	Work Permit	Ensure to write the name of the subordinate executer in the permit when leaving the job location.	Medium	VKS	THA/DIT	Closed
48	09.10.2023	Morning	11:00 AM	Unit 20/ T-1	Nylon web slings were observed wrapped over sharp-edged structures to secure chain blocks without the use of softeners to protect the web slings from potential damage at main pipe rack area.. This practice poses a safety concern as it can lead to abrasions and weakening of the slings, compromising their load-bearing capacity and overall safety.	Lifting	Contractor shall ensure proper handling and protection of nylon web slings to prevent accidents and maintain equipment integrity.Ensure that personnel using these materials are trained in proper safety procedures and are aware of the potential risks associated with using webbing near sharp edges.	Medium	VKS	THA/DIT	Closed
49	09.10.2023	Evening	5:20 PM	Unit 20/ T-1	The personal dosimeters worn by the technicians were found not reset to zero before commencing radiography testing .	Radiography	Failure to reset dosimeters can lead to inaccurate dose measurements and potential overexposure.	Medium	VKS	THA/DIT	Closed
50	09.10.2023	Night	9:40 PM	Unit 20/ T-1	While Grinding of pipe spools flying particles ans sparks observed flying outside welding booth which may cause fire hazard.	Hot Work	The welding and cutting area must be totally enclosed, using a flameproof tarpaulin canvass in a manner to contain sparks,molten metal/splatters.	High	RAC	THA/DIT	Closed
51	09.10.2023	Night	10:23 PM	Unit 20/ T-1	Many welding machine (196,153,482 & 241 running on ground level and welding activitiy is taking place at Level I & 2 .All the welding machine is running unattended.	Hot Work	When welding activities location far from welding machine there should be additional firewatcher shall be assigned to take care of all welding machine in case to attend any fire hazards on the machine.	High	RAC	THA/DIT	Closed
52	10.10.2023	Morning	12:23 AM	Unit 20/ T-1	it was noticed that day shift working crew left continuous gas monitor at tower without switching off gas monitor at fractionator Column T-20-107, due to low battery Continuous gas monitor sounded alarming with red light warning.	Defective Equipment	when activities are finished continuous gas monitor shall be switched off and handerd over to other shift.	Medium	RAC	THA/DIT	Closed
53	10.10.2023	Morning	2:35 AM	Unit 20/ T-1	Near PS-20, 109 B lower pump . hydro test crew working in day shift that was barricaded area for hydrotest observed remain barricaded.	Signage/ barricade	Barricades and signage that are no longer required are removed as soon as the work is completed.	Medium	RAC	THA/DIT	Closed
54	10.10.2023	Morning	8:50 AM	Unit 20/ T-1	Repeated observation- Observed that employees belongs to M/s Gulf Spic were found working on an incomplete and unsafe scaffolding at the west side of PS 22 and PS 23 (under main pipe rack) . This situation presented a high potential fall hazard.	Scaffolding	Contractor shall ensure competent supervision and safe working platforms for the employees working at elevated areas.	High	VKS	THA/DIT	Closed
55	10.10.2023	Morning	9:30 AM	Unit 20/ T-1	Labour welfare facilities- M/s Gulf Sic. has deployed two toilet blocks to the site to fulfill the requirements during the shutdown. However, one toilet block is currently non-operational, and it needs to be made functional immediately. Additionally, electrical connections have not been provided to the other toilet block. There are approximately 800 employees working during the day shift, and 350 employees are working during the night shift.	Welfare/Bus Boarding	The closed toilet block must be assessed and repaired promptly to ensure it is operational. Access to sanitary facilities is vital for the well-being of the employees, and any delay can lead to inconvenience and potential health hazards. Electrical Connection: It is essential to provide electrical connections to the toilet block without delay, especially during night shifts. Inadequate lighting can create safety hazards, increasing the risk of accidents and security issues.	High	VKS	THA/DIT	Closed
56	10.10.2023	Morning	9:50 AM	Unit 20/ T-1	observed poor cable management at stabilization ring area , where welding and electrical cables were found haphazardly laid through the access creating trip hazards.	Welding	Ensure proper housekeeping and cable management at all elevated work locations.	Medium	VKS	THA/DIT	Closed
57	10.10.2023	Morning	10:00 AM	Unit 20/ T-1	Arc Welders were found working without wearing PPE's like welding apron and handsleeves and leg guards at stabilization ring area.	PPE	Contractor must ensure that all employees wear appropriate personal protective equipment (PPE) as required by the job.	Medium	VKS	THA/DIT	Closed
58	10.10.2023	Morning	10:40 AM	Unit 20/ T-1	Employees are performing machine alignment by standing on loose scaffolding planks that have been placed over a cable trench. There are no handrails provided to prevent accidental falls.Location P-20-101A.	Scaffolding	Ensure that the scaffolding planks are properly secured and stable.Install handrails as a safety barrier that can prevent accidental falls.	Medium	VKS	THA/DIT	Closed
59	10.10.2023	Morning	1:30 PM	Unit 20/ T-1	An 8 mm sharp-edged reinforcement bar was discovered being used in place of a copper earth rod for welding machines (GS-WM-204 &GS-WM-368) . This substitution poses a significant safety risk due to its inadequate conductivity and potential electrical hazards.	Welding	Remove the 8 mm reinforcement bar used as an earth rod immediately. Replace it with a copper earth rod designed for electrical grounding purposes to eliminate electrical hazards.	Medium	VKS	THA/DIT	Closed
60	10.10.2023	Morning	1:45 PM	Unit 20/ T-1	Fire watch personnel were observed signing off on the welding diesel generator checklist, despite not being aware of the checklist's crucial points. This lack of awareness raises concerns about their ability to effectively perform fire watch duties and ensure the safety of the welding operation.	Welding	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
61	10.10.2023	Morning	10:00am	Unit 20/ T-1	Blind list was not available in the work location for the tie-in work, Blind list numbers not available on the associated permits.At feed switch area piping tie-in location, Blind list was found without reference number.	Work Permit	Blind list was shall be available in the work location. Blind list numbers shall be available on the associated permits. Blind listreference number shall be ensured.	High	VES/ HMJ	THA/DIT	Closed
62	10.10.2023	Morning	10:00am	Unit 20/ T-1	Many Loose Materials like bolts, nuts, Scaffolding Components were found on the grating in the first floor- Object may drop on lower levels.	Housekeeping	Maintain good house keeping	Medium	VES/ HMJ	THA/DIT	Closed

63	10.10.2023	Morning	10:00am	Unit 20/ T-1	Damaged electrical fittings were observed with tower lights.	Defective Equipment	Daily inspection on temporary electrical connation carried out	Medium	VES/ HMJ	THA/DIT	Closed
64	10.10.2023	Morning	10:00am	Unit 20/ T-1	Workers were found without wearing dust mask.	PPE	Ensure workers are wearing dust mask.	Medium	VES/ HMJ	THA/DIT	Closed
65	10.10.2023	Night	8:00:00PM	Unit 20/ T-1	Blint list numbers (TP-201-205 & 210) referred in the Hot work permit # 4005278 for blinding Flushing Oil Tie-in lines were not available with the worksite supervisor who was provided with approved blind list	Blinding	Work Permit Executor shall ensure Blind list reflecting the permit is available with the Work Site Supervisor to carry out blinding activity	High	SEB	THA/DIT	Closed
66	10.10.2023	Night	9:20 PM	Unit 20/ T-1	Water Hose attached to manifold during hydrotest activitiy was observed without whiplash arrestor.	Defective Equipment	Whiplash arrestor is a mechanical restraint shall be used to prevent inadvertent and uncontrolled movement in fluid or gas hoses in the event of hose or coupling failure.	High	RAC	THA/DIT	Closed
67	11.10.2023	Night	12:15 AM	Unit 20/ T-1	Near Tower - 107 Observed scaffolding clamps , cutting pipes,, removed bolts, nuts, used gaskets , cutting wheel and grinding wheel scatterd and left on scaffolding platform that can pose a danger to workers below.	Housekeeping	All unwanted lose materials shall be removed from scaffolds immediately. To prevent slipping on the platforms.	High	RAC	THA/DIT	Closed
68	11.10.2023	Night	2:40 AM	Unit 20/ T-1	Near E-20-108 A Welding machine (WM# 435) earthing rod to ground observed used steel bar (Reinforcement steel)	Defective Equipment	Welding machine earthing, copper rod shall be used for effectively a low resistance path to ground.	Medium	RAC	THA/DIT	Closed
69	11-Oct-23	Morning	9:00 AM	Unit 20/ T-1	Steel binding wire is used for tying power cable with permanent/ scaffolding structure.	Other	Steel binding wire shall not be used for tying cables.	Medium	DES	THA/DIT	Closed
70	11-Oct-23	Morning	11:00 AM	Unit 20/ T-1	Adequate wedges/ stopper was not provided for tyre mounted welding machine	Other	Adequate wedges/ stopper shall be provided	Medium	DES	THA/DIT	Closed
71	11-Oct-23	Morning	10	Unit 20/ T-1	Some of the toe- boards were not available on the inspected scaffolding and the employees are using the same scaffolding platform at Bridge Crane east side.	Scaffolding	Toe board shall be provided.	High	DES	THA/DIT	Closed
72	11-Oct-23	Morning	10.3	Unit 20/ T-1	Materials were stored on the edge of level II platform and the materials were stored more than the height of toe board height	Housekeeping	Materials shall be secured to avoid falling down from the level II platform.	High	DES	THA/DIT	Closed
73	11.10.2023	Morning	8:50 AM	Unit 20/ T-1	Repeated observation- An 8 mm sharp-edged reinforcement bar was found being used in place of a copper earth rod for welding machines GS-WM-428. Location -West side ,Near P-20-105B	Welding	Remove the 8 mm reinforcement bar used as an earth rod immediately. Replace it with a copper earth rod designed for electrical grounding purposes to eliminate electrical hazards.	Medium	VKS	THA/DIT	Closed
74	11.10.2023	Morning	9:00 AM	Unit 20/ T-1	Repeated observation- Earth wire of welding machine, GS-WM-420 was observed to be connected to the scaffolding standard.Location -West side ,Near P-20-105B	Welding	Earthing shall be provided by using copper rod or connect it with permanent earthpoits available at site.	Medium	VKS	THA/DIT	Closed
75	11.10.2023	Morning	9:15 AM	Unit 20/ T-1	observad that welding machines GS- 420,358,434,428 AND 470 were being operated without daily inspections.The crew foreman appeared to be unaware of the responsible party for conducting these daily inspections.Location -West side ,Near P-20-105B	Welding	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
76	11.10.2023	Morning	11:30 AM	Unit 20/ T-1	Repeated observation- Employees were found working on an incomplete scaffold platform :Missing Safety Features: The scaffold platform lacks essential safety features such as handrailes, toe boards, and guardrails, which are crucial for preventing falls and ensuring worker safety. Work permit no-4011982, Location -Pump 110 A/B.	Scaffolding	Contractor is responsible for ensuring that safe working platforms are provided for their employees working at elevated areas.	High	VKS	THA/DIT	Closed
77	11.10.2023	Night	9:16 PM	Unit 20/ T-1	At Level 2 Observed Un auzthorized (who dont have fire watch card) Fire watch personel assigned for fot work activities.	Hot Work	KNPC Trained and Authorized fire watch personnel shall be assigned to monitor hot work activities.	Medium	RAC	THA/DIT	Closed
78	11.10.2023	Night	10:45: PM	Unit 20/ T-1	Near V-20 - 104 while PD crew hydrostatic test was being conducted at 780 PSI Observed at close proximity, simultaneously mechanical crew were replacing exchanger channel head .	Signage/ barricade	Hydrostatic test working crew should inform to near by working crew about their activities or to be informed permit issuer about simultaneous activities.	High	RAC	THA/DIT	Closed
79	12.10.2023	Night	1:45 AM	Unit 20/ T-1	Level - 1 Grinder was observed damged face shield with scratches and poor visibily for welding and grinding work.	PPE	Damaged face shields shal be replaced with good one.	Medium	RAC	THA/DIT	Closed
80	12.10.2023	Night	2:20 AM	Unit 20/ T-1	Level-1 Observed the welding booth was not properly erected to contain sparks from open flame activitiy within the work area as the sparks were coming outside through gaps.	Hot Work	Welding booth shall be established properly to prevent sparks coming out.	High	RAC	THA/DIT	Closed
81	12.10.2023	Morning	8:30 AM	Unit 20/ T-1	Repeated observation- observad that welding machines GS-WM 389 &125 (NEAR E&I dept conduit thread cutting machines) were being operated without daily inspections.The crew foreman appeared to be unaware of the responsible party for	Welding	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
82	12.10.2023	Morning	9:00 AM	Unit 20/ T-1	Repeated observation- Earth wire of following welding machines were observed wrongly connected/ not connected to proper earth points. GS -WM-350 (WEST SIDE OF T-20-101), GS-WM 389 &125 (NEAR E&I dept conduit thread cutting machines)	Welding	Earthing shall be provided by using copper rod or connect it with permanent earthpoits available at site.	High	SEB	THA/DIT	Closed
83	12.10.2023	Morning	9:30 AM	Unit 20/ T-1	Poor housekeeping observed inside sea water line excavation near E-20-132. welding rod pieces ,slag and used grinding wheel were found scattered inside the excavation.	Housekeeping	Segregate and remove all waste materials from the work location.	Medium	SEB	THA/DIT	Closed
84	12.10.2023	Morning	9:45 AM	Unit 20/ T-1	Employees were found working on a scaffolding platform adjacent to T-20-104 , yet no safe means of access was provided for ascending and descending from the platform.	Scaffolding	Contractor is responsible for ensuring that safe working platforms are provided for their employees working at elevated areas.	High	SEB	THA/DIT	Closed
85	12.10.2023	Morning	10:00 AM	Unit 20/ T-1	Various construction materials were found obstructing the ladder access from Coker level 2 to T-20-101 , posing trip hazard and poor cable management issues were also observed at the scaffolding access to T-20-101 from the Coker second level. HWP -	Scaffolding	Ensure clear access and proper cable management at elavated work locations to avoid trip and fall hazards.	Medium	VKS	THA/DIT	Closed
86	12.10.2023	Morning	10:30 AM	Unit 20/ T-1	Materials were stored at the east side of stabilization ring exceeding the height of the toe board, potentially creating a hazard.	Housekeeping	Remove waste materials .	Medium	VKS	THA/DIT	Closed
87	12.10.2023	Morning	11:00 AM	Unit 20/ T-1	Preheating activities on pipelines at the feed switch area were conducted without proper barricading to restrict unauthorized entry into the work location, presenting a significant electrocution hazard.	Signage/ barricade	Contractor shall barricade the work area to prevent unauthorized entry into the work location	High	VKS	THA/DIT	Closed
88	12.10.2023	Morning	11:30 AM	Unit 20/ T-1	Repeated observation- Several work locations within the main pipe rack area lacked proper access, leading employees to resort to jumping and walking over existing service lines to reach their destination. This unsafe practice poses a risk to both the	Scaffolding	Contractor is responsible for ensuring that safe working platforms are provided for their employees working at elevated areas.	High	VKS	THA/DIT	Closed
89	12.10.2023	Morning	11:45 AM	Unit 20/ T-1	Employees belonging to bolt torquing were observed working on an unsafe scaffolding at SOUTH SIDE V-102 COKE DRUM FIRE WATER LINE that had missing planks and toe boards, and particularly lacked a scaffolding tag at the access ladder.	Scaffolding	Contractor is responsible for ensuring that safe working platforms are provided for their employees working at elevated areas.	High	SEB	THA/DIT	Closed
90	11.10.2023	Night	9:16 PM	Unit 20/ T-1	At Level 2 Observed Un auzthorized (who dont have fire watch card) Fire watch personel assigned for fot work activities.	Hot Work	KNPC Trained and Authorized fire watch personnel shall be assigned to monitor hot work activities.	Medium	RAC	THA/DIT	Closed
91	12.10.2023	Evening	4:00 PM	Unit 20/ T-1	Welding Area for carrying out sea water line welding Grinding, Fitup, Bolting & Welding on the on the new Piping WS-20-1016-L3-4" & WX-20-1014-L3-4" inside Confined Space was not properly covered	Welding	Welding area shall be completely covered without fail. Executor and Worksite Supervisor shall ensure before carrying out welding activity at site	High	SEB	THA/DIT	Closed
92	13.10.2023	Morning	8:30 AM	Unit-20 /TI Debutanizer T-20-107 Permit – 4017820	Blind list for Debutanizer was found with Contractor Signature instead of Operations Controller Signature.	Blinding	Clearance for Blinding shall be given by Operations controller by verifying and counter checking the sequence of blinding and approve/ sign the blinding list. Refer Clause 8.4.1 of Blinding De-Blinding Procedure.	High	HMJ	THA/DIT	Closed
93	13.10.2023	Morning	9:00 AM	Unit-20 /TI Feed Switch Area	10" Pipe spools were found supported over scaffold support which was unstable.	Scaffolding	Scaffold shall not be used as pipe supports.	Medium	HMJ	THA/DIT	Closed
94	13.10.2023	Morning	9:15 AM	Unit-20 /TI Feed Switch Area Piping Tie-Ins and Structural Works.	Nylon web slings used for chain blocks were not provided with padding/softeners around beams with sharp edges. This may cut the web slings.	Lifting	Provide proper padding/softeners while wrapping nylon slings around I beams.	High	HMJ	THA/DIT	Closed
95	13.10.2023	Morning	9:30 AM	Unit-20 /TI Feed Switch Area Piping Tie-Ins and Structural Works.	Many welding and PWHT Cables were found on the access way posing trip hazard.	Housekeeping	Arrange cables and elevate them if possible, to ensure unobstructed access.	Medium	HMJ	THA/DIT	Closed
96	13.10.2023	Morning	9:30 AM	Unit-20 /TI Stabilization Ring weld area, West of Coke Drum T-20-103	Hand rails were removed which may lead to potential fall hazard.	Scaffolding	Reinstate Handrails .	High	HMJ	THA/DIT	Closed
97	13.10.2023	Morning	9:30 AM	Unit-20 /TI Stabilization Ring weld area, Between V-20-102 and V-20-103	Between V-20-102 and V-20-103 heavy I-Beams were found stacked one over another without properly securing them. Adjacent to this concrete chipping activities were ongoing. The I beam can flip over the workers.	Lifting	I- beams shall not be stored vertically posing fall hazard.	High	HMJ	THA/DIT	Closed

98	13.10.2023	Morning	9:30 AM	Unit-20 /TI Stabilization Ring weld area, West of Coke Drum T-20-103	No rigging plan was available for moving and erecting Monorail beams. The beams were lifted and moved using series of Chain blocks.	Lifting	Rigging plan shall be prepared and approved by rigging supervisor for any unconventional rigging practice.(Recommendation from CFP Fatal Incident).	High	HMJ	THA/DIT	Closed
99	13.10.2023	Morning	9:30 AM	Unit-20 /TI	Fire Proofing was being carried out. SDS for Fire Proofing cement was not available	Other	SDS shall be arranged at site and all precautions listed in the SDS shall be carried out.	Low	HMJ	THA/DIT	Closed
100	13.10.2023	Morning	2:30 PM	Unit-20 /TI Level-I, II and Stabilization Ring Welding Area	Cable management needs improvement. Proper Unobstructed access is not available, posing trip hazard.	Housekeeping	Arrange Cables to provide proper access at all levels.	Medium	HMJ	THA/DIT	Closed
101	13.10.2023	Night	11:00	Unit20/T-1	There was no lighting available at workers shelter area, nearTower 101 /21/22, near the H20/101	Confined Space	Sufficient lighting needs to bearrnaged	Low	CSS	THA/DIT	Closed
102	13.10.2023	Night	11:30	Unit20/T-1	Near the hydrotesting area,the area was congested with equipments and hoses and very poor hosue keeping.	Housekeeping	Housekeeping wa sdone and all unwnated materials removed.	Low	CSS	THA/DIT	Closed
103	14.10.2023	Morning	9:15 AM	Unit 20/ T-1	Few Welding sets at the ground level (North East and South West) are observed to have expired fire extinguishers	Welding	Gulfspic shall ensure all welding machines are provided with valid Fire Extinguishers immediately	High	SEB	THA/DIT	Closed
104	14.10.2023	Morning	9:30 AM	Unit 20/ T-1	Poor cable management observed at the Level-I (Block -1 & 2) Feed switch area, Cables are observed crossing walkway. Potential for trip and fall hazard	Housekeeping	Kindly inform Site Supervisors to ensure cables are routed	High	SEB	THA/DIT	Closed
105	14.10.2023	Morning	9:45 AM	Unit 20/ T-1	Poor housekeeping and poor cable management observed at the permanent landing platform near to the manway of Fractionator Tower. Access to the Fractionator tower manway was found obstructed with scaffolding ledger which was being used to support pipelines at the same level.	Scaffolding	Arrange cables and elevate them if possible, to ensure unobstructed access.	Medium	SEB	THA/DIT	Closed
106	14.10.2023	Morning	9:50 AM	Unit 20/ T-1	The SWP checklist wrongly marked "not applicable" for the illumination requirement for the confined space entry.CSE - 4019296 , HWP- 4019297	Confined Space	Illumination requirements should be clearly mentioned in the SWP check list for confined space entry activities.	Medium	SEB	THA/DIT	Closed
107	14.10.2023	Morning	8:30 AM	Unit 20/ T-1	Poor housekeeping and water stagnation observed near to the employees rest shelter located at the north west corner of Unit-20.	Housekeeping	Ensure good housekeeping	Medium	VKS	THA/DIT	Closed
108	14.10.2023	Morning	8:50 AM	Unit 20/ T-1	Repeated observation -Repeated observation- Diesel generators DG-076 AND DG-74 & WM-266 were found put on operation without performing daily inspection. Location -West side of heater 109.	Welding	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
109	14.10.2023	Morning	9:20 AM	Unit 20/ T-1	Poor cable management observed at the walking platforms of main pipe rack, Cables are observed crossing walkway. Potential for trip and fall hazard	Housekeeping	Arrange cables and elevate them if possible, to ensure unobstructed access.	Medium	VKS	THA/DIT	Closed
110	14.10.2023	Morning	9:30 AM	Unit 20/ T-1	Repeated observation - Diesel generator DG-112 was found put on operation without performing daily inspection. Safety certificates are also not displayed on the diesel generator. Location -East side of T-20-101	Hot Work	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
111	14.10.2023	Morning	9:50 AM	Unit 20/ T-1	Repeated observation -Repeated observation- WM-541, 294 were found put on operation without performing daily inspection and proper earthing .Poor cable management also observed at this location . Location -East side of T-20-101	Hot Work	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
112	14.10.2023	Morning	10:30 AM	Unit 20/ T-1	Repeated observation -Employees were found working on an incomplete scaffold platform :Missing Safety Features: The scaffold platform lacks essential safety features such as handrails, toe boards, and guardrails, which are crucial for preventing falls and ensuring worker safety. Work permit no-4011959, Location -Pump 110 A/B.	Scaffolding	Contractor is responsible for ensuring that safe working platforms are provided for their employees working at elevated areas.	High	VKS	THA/DIT	Closed
113	14.10.2023	Morning	11:10 AM	Unit 20/ T-1	Welder was found standing on the adjacent cable tray to access and perform welding activity at the sounth side of T-20-104. since scaffold platform is not suitable to carry out welding activity.	Scaffolding	Contractor is responsible for ensuring that safe working platforms are provided for their employees working at elevated areas.	High	VKS	THA/DIT	Closed
114	14.10.2023	Evening	4:30 PM	Unit 20/ T-1	Multi gas monitor was not available at the vessel entry location (T-20-107). Instead contractor provided a long term gas monitor which is not useful in measuring gases inside confined space(inside vessel).	Confined Space	Contractor shall arrange a multi gas monitor at confined space entry(Vessel Entry) locations.	High	GKA	THA/DIT	Closed
115	14.10.2023	Evening	4:30 PM	Unit 20/ T-1	Used grinding wheels found scattered at the entry point of vessel T-20-107.	Housekeeping	Used grinding wheels shall be removed and proper house keeping shall be maintained.	Medium	GKA	THA/DIT	Closed
116	14.10.2023	Night	10:20 PM	Unit 20/ T-1	Near PS-21 Firewatcher was observed sleeping inside unit while hot work in progress. that significant risk to life in the event of a fire, or other emergency.	Hot Work	Shall be discussed in tool box talk about this issue	High	RAC	THA/DIT	Closed
117	14.10.2023	Night	11:32 PM	Unit 20/ T-1	Fire Extinguisher of welding Machine- GS-247,422,236,426,294 found on welding machine stand itself while running.	Hot Work	The fire exire extinguisher should be in accessible area. Extinguisher should be placed near to welding machine to reach in case of emergency not on the welding machine stand.	Medium	RAC	THA/DIT	Closed
118	15.10.2023	Morning	2:13 AM	Unit 20/ T-1	Near Level 1 while grinding, grinders was found wearing loose Baniyan (Vest) as dust mask which may be at risk of getting caught in the disc.	PPE	Dust mask shall be used and ensure workers follow proper PPE and workplace dress codes helps to reduce the risk of workers being injured or causing accidents on worksites.	High	RAC	THA/DIT	Closed
119	15.10.2023	Morning	8:30 AM	Unit 20/ T-1	Inside the welding booth located west side of E-20-108&110 ,poor housekeeping was evident, with scattered welding bits,grinding wheels,hand gloves, and various materials,along with a lock of proper cable management.	Housekeeping	Ensure proper housekeeping.	Medium	VKS	THA/DIT	Closed
120	15.10.2023	Morning	9:00 AM	Unit 20/ T-1	Poor cable management observed at the walking platforms and access of wet gas compressor(E-20-124 & 125) , Cables are observed crossing walkway. Potential for trip and fall hazard	Welding	Arrange cables and elevate them if possible, to ensure unobstructed access.	Medium	SEB	THA/DIT	Closed
121	15.10.2023	Morning	9:30 AM	Unit 20/ T-1	Section -5, temporary spot supervision was not delegated to subordinate executor, work permit (HWP-4012884).	Work Permit	For medium risk works the Executor shall assign a person in the working crew, who is at the level of foreman or below (in any case not below GFT level), to supervise the work, whenever the Executor is required to move to other job locations within in the vicinity.	Medium	SEB	THA/DIT	Closed
122	15.10.2023	Morning	10:00 AM	Unit 20/ T-1	Repeated observation - WM-523, locted at the exst side of wet gas compressor shelter was found put on operation without performing daily inspection.	Welding	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
123	15.10.2023	Morning	10:30 AM	Unit 20/ T-1	Single SWP check list was found attached with two different work permits.(HWP -4017184 & HWP-4020921) .	Work Permit	Different SWP checklists shall be attached with different work permits.	Medium	VKS	THA/DIT	Closed
124	15.10.2023	Evening	3:00 PM	Unit 20/ T-1	Employees were found performing support welding and installation of a Kelly switch on derrick structure while standing on an unsafe temporary platform above the second level of the Coker unit. Loose scaffolding planks were found placed across permanent structural beams, creating gaps in the platform, and no guard rails have been installed. HWP- 4018482	Scaffolding	The contractor is responsible for ensuring that safe access and safe working platforms are provided for their employees working in elevated areas.	High	VKS	THA/DIT	Closed
125	15.10.2023	Evening	4:00 PM	Unit 20/ T-1	Employee belongs to buffing and thickness survey crew (HWP-4022802 , TP-675-10" steam line) was found working on a scaffolding platform within the main pipe rack area lacked proper access, leading employees to resort to jumping and walking over existing service lines to reach their destination. This unsafe practice poses a risk to both the employees and the integrity of the service lines.	Scaffolding	The contractor is responsible for ensuring that safe access and safe working platforms are provided for their employees working in elevated areas.	High	VKS	THA/DIT	Closed
126	15.10.2023	Night	10:45 PM	Unit 20/ T-1	Near T- 101 ground level east side Few welding machines, WM-236 WM-294 andDG set were observed stationed at accumulated water and cables were laid in wet area whic may have potentionl of electric shock	Housekeeping	Accumulated water shall be removed by using vaccuum tank .	High	RAC	THA/DIT	Closed
127	15.10.2023	Night	11:25 PM	Unit 20/ T-1	TK-20-202 Scaffolding platform access was found no Tag.	Scaffolding	Green or Red tag shall be fixed at all scaffold access point . The tags communicate the scaffolding is safe or not to use.	Medium	RAC	THA/DIT	Closed
128	16.10.2023	Night	12:50 AM	Unit 20/ T-1	Level - 1 Near Feed swith are Removed isulation was found stacked and accumulated.	Housekeeping	Removed insulation shall be removed from site.	Medium	RAC	THA/DIT	Closed
129	16.10.2023	Night	1:45 AM	Unit 20/ T-1	Near Feed Swith area removed pipe spools was found placed on grating platform not covered properly and PWH was goingn on that spools.	Other	If There is PWH wiring contact with grating platform there may be a electrocution , to avoid, the spools shall be brought down to ground level and with proper barricadion PWH must be done.	High	RAC	THA/DIT	Closed
130	16.10.2023	Morning	8:30 AM	Unit 20/ T-1	Section -5, temporary spot supervision was not delegated to subordinate executor, work permit (HWP-4008958 , 4023242 & 4021020).	Work Permit	For medium risk works the Executor shall assign a person in the working crew, who is at the level of foreman or below (in any case not below GFT level), to supervise the work, whenever the Executor is required to move to other job locations within in the vicinity.	Medium	VKS	THA/DIT	Closed
131	16.10.2023	Morning	9:00 AM	Unit 20/ T-1	Portable electrical hand toos were found using without monthly inspection and colour coding.Location- Welding booth ,West side of P-20-124 A/B.	Other	All portable electrical tools shall be inspected and colour coded.	Medium	VKS	THA/DIT	Closed
132	16.10.2023	Morning	9:30 AM	Unit 20/ T-1	Wind indicating device (anemometer) was not provided/available with the Truck mounted hydraulic Mobile crane (60T, Plate number - 31924). Location- West side of P-20-124 A/B	Lifting	All mobile cranes shall be equipped with wind indicating device (anemometer) and shall be maintained in good operating condition.	High	VKS	THA/DIT	Closed

133	16.10.2023	Morning	10:00 AM	Unit 20/ T-1	Single SWP check list was found attached with three different work permits executed by two different executers.(HWP - 4022226, 4019688 & HWP-4023515) .	Work Permit	Different SWP checklists shall be attached with different work permits.	Medium	VKS	THA/DIT	Closed
134	16.10.2023	Morning	10:45 AM	Unit 20/ T-1	The safe working load of auxiliary hook is not marked on the crane auxiliary hook .(Crane plate no-31788)	Lifting	The safe working load shall be marked on the crane auxiliary hook.	High	VKS	THA/DIT	Closed
135	16.10.2023	Morning	11:00 AM	Unit 20/ T-1	The ladder , which provided safe access , was found to have been removed from its position while employees were working inside excavation.	Confined Space	A stairway, ladder, ramp or other safe means of egress shall be located in trench excavations that are 1.2 meters or more in depth.	Medium	VKS	THA/DIT	Closed
136	16.10.2023	Morning	11:15 AM	Unit 20/ T-1	Observed that during the performance of hot work inside the welding booth the open drain near the booth was not covered with fire blanket as required.Location - east side of PS -07. HWP- 4019037	Welding	Cover and seal sewers,drains,vents or any other gas escaping points within 15 meters .Use flame retardant tarpaulin for barricading.	High	SEB	THA/DIT	Closed
137	16.10.2023	Morning	11:30 AM	Unit 20/ T-1	During critical hot work activities taking place inside T-20-101 (confined space) noticed that neither the work executer nor the contractor supervisor were present at the work location.	Confined Space	Competent supervision shall be ensured while critical hot work activities taking place inside T-20-101 (confined space).	High	SEB	THA/DIT	Closed
138	16.10.2023	Morning	11:45 AM	Unit 20/ T-1	Observed a safety concern regarding communication with the confined space activities taking place inside T-20-101. The radios available for communication between the confined space entrant and the confined space attendant were found to be set to different frequencies, rendering them unable to communicate with each other effectively.	Confined Space	An effective, dependable communication route between attendant and the entrant shall be maintained at all times when the entrant is in the confined space.If communication is interrupted, entrants shall be evacuated.	High	VKS	THA/DIT	Closed
139	16.10.2023	Morning	12:30 PM	Unit-20/T-1	Multiple Times Repeated Obesrvstion: Communicatoin Device is not availabe with the Confined Space Attendant contact EDC during emergency in Fractionator Column T-20-101. One of the employee engaged in the confiend space activity was observed to carry normal mobile phone without KNPC Gate Pass	Confined Space	Confined Space Attendant/worksite site Supervsior shall have a communication device to call EDC in case of emergency	High	SEB	THA/DIT	Closed
140	16.10.2023	Evening	4:00 PM	Unit-20/T-1	Feed Switch area level 1: Contractor employees found working without dust mask.	PPE	Dust mask shall be provided and awareness to be given for wearing dust masks.	High	GKA	THA/DIT	Closed
141	16.10.2023	Evening	4:00 PM	Unit-20/T-1	Feed Switch area level 1: Portable air blower found with damaged electrical cable, and some power tools found without braided cables.	Defective Equipment	Damaged electrical cable shall be fixed, and braided cables to provided for all power tools.	High	GKA	THA/DIT	Closed
142	16.10.2023	Evening	4:15 PM	Unit-20/T-1	Feed Switch area Level 1 & 2: Flash back arrestor not fitted at the torch side of the LPG set.	Hot Work	Flash back arrestor shall be fixed on the torch side of the LPG set	High	GKA	THA/DIT	Closed
143	16.10.2023	Night	11:50 PM	Unit-20/T-1	Heater H-20-102 West site Fire hydrant acces was observed blocked by construction materials..	Housekeeping	Fire hydrant access shall be not blocked by any materials.	Medium	RAC	THA/DIT	Closed
144	16.10.2023	Morning	3:10 AM	Unit-20/T-1	Level -1 Feed swith area while a person hammering for loosening valve, another workers just oppsote standing and holding the spanner which posses he is in line of fire.	Other	While hammering if the person hammer slip or miss its target it may hit those stanindng opppsite. No person should stand in front of hammering and Shall be discussed in tool box talk.	Medium	RAC	THA/DIT	Closed
145	16.10.2023	Morning	3:20 AM	Unit-20/T-1	Level 1 feeder switch area Leftover wooden pallet were found scatterd.	Housekeeping	Leftover wooden pallets shall be removed from site.	Medium	RAC	THA/DIT	Closed
146	17.10.2023	Morning	8:20 AM	Unit-20/T-1	Employees were found working on a red tagged scaffolding near P-124 A/B area.	Scaffolding	Do not work on red tagged scaffolding platforms. Always follow safety while working at elevated areas.	High	VKS	THA/DIT	Closed
147	17.10.2023	Morning	8:20 AM	Unit-20/T-1	The safe working load of auxiliary hook is not marked on the crane auxiliary hook of the following cranes .(Crane plate no-30719 and 25799)	Lighting	The safe working load shall be marked on the crane auxiliary hook.	Medium	VKS	THA/DIT	Closed
148	17.10.2023	Morning	9:00 AM	Unit-20/T-1	An unsafe scaffolding platform observed at sea water cooling water line excavation without scafftag . Location - west side near E-20-132.	Scaffolding	Green and red scaffold tags and holder shall be used to inform / warn users about the condition or readiness of a scaffold.	Medium	VKS	THA/DIT	Closed
149	17.10.2023	Morning	9:20 AM	Unit-20/T-1	Section -5, temporary spot supervision was not delegated to subordinate executor, work permit (HWP-4012884 , 4022450 & 4021020).	Work Permit	For medium risk works the Executor shall assign a person in the working crew, who is at the level of foreman or below (in any case not below GFT level), to supervise the work, whenever the Executor is required to move to other job locations within in the vicinity.	Medium	SEB	THA/DIT	Closed
150	17.10.2023	Morning	9:40 AM	Unit-20/T-1	Portable electrical hand tools were found using without monthly inspection and colour coding.Location- Welding booth ,West side of P-20-105 A/B.	Other	All portable electrical tools shall be inspected and colourer coded.	Medium	SEB	THA/DIT	Closed
151	17.10.2023	Morning	10:40 PM	Unit-20/T-1	Welding and grinding spatters observed escaping from the welding booth during welding operations, posing a potential safety hazard. Location Under main pipe rack inbetween PS-10 -15.	Hot Work	Hot work areas shll be coverd using fire blanket to contain welding and grinding splatters inside the booth.	High	SEB	THA/DIT	Closed
152	17.10.2023	Morning	11:00 PM	Unit-20/T-1	Drains and vents near welding booths located near P-20-105 A/B were found uncovered and unsealed during hot work activities inside the booth.	Hot Work	Cover and seal sewers,drains,vents or any other gas escaping points within 15 meters .Use flame retardant tarpaulin for barricading.	High	VKS	THA/DIT	Closed
153	17.10.2023	Evening	3:00 PM	Unit-20/T-1	Nylon web slings used for chain blocks were not provided with padding/softeners around beams with sharp edges. This may cut the web slings.Location -Feed switch area, Piping Tie-Ins and Structural Works	Lighting	Provide proper padding/softeners while wrapping nylon slings around l beams	Medium	VKS	THA/DIT	Open
154	17.10.2023	Evening	3:30 PM	Unit-20/T-1	Potentially hazardous gaps in the green tagged scaffolding platform where identified where employees were positioned for the purpose of erecting l-beam for the monorail structure at north and south end of feed switch area.	Scaffolding	A secure and stable working platform must be made available to ensure the safety of the crew working at elevated work locations.	High	VKS	THA/DIT	Closed
155	17.10.2023	Evening	4:00 PM	Unit-20/T-1	Inadequate cable management and lack of proper housekeeping were noted in both the feed switch area and the stabilization ring area.	Housekeeping	Arrange Cables and ensure proper housekeeping at all levels.	Medium	VKS	THA/DIT	Closed
156	17.10.2023	Night	10:30 PM	Unit-20/T-1	Near V-20 -111 A flood light was placed on the access of walkway for illuination were observervd directly hiiing the human eye that cause blurry vision.	Lighting	Flood light angle shall be changed such a way that illumination of flood light not directly hitting human eyes.	Medium	RAC	THA/DIT	Closed
157	18.10.2023	Night	12:23 AM	Unit-20/T-1	Level 1 Stablaization ring area- dishcharded fire extinguishere was found placed for hot work activities.	Hot Work	Prior to start hot works Ensure fire extinguisher is charged and available.	High	RAC	THA/DIT	Closed
158	18.10.2023	Morning	3:10 AM	Unit-20/T-1	It has been observed that used grinding wheels, cutting wheels, & welding rods scattered inside the welding booth.	Housekeeping	All used grinding ,cutting wheels & Welding rods shall be removed and disposed as per waste manifest.	Medium	RAC	THA/DIT	Closed
159	18.10.2023	Morning	8:30 AM	Unit-20/T-1	Mobile crane's (60T, Plate number - 31924). The anemometer calibration certificate was found to be expired. Location- West side of P-20-124 A/B	Lifting/Rigging	All mobile cranes shall be equipped with wind indicating device (anemometer) and shall be maintained in good operating condition.	Medium	VKS	THA/DIT	Closed
160	18.10.2023	Morning	9:00 AM	Unit-20/T-1	Housekeeping at the E&I thread cutting machine location (west side of Unit 20) was found poor, with a collection of metal scrap contaminated with oil and used cotton gloves beneath the machine, creating a potential fire hazard.	Housekeeping	Provide scrap collection tray under the machine. Remove metal scrap on daily basis.	Medium	SEB	THA/DIT	Closed
161	18.10.2023	Morning	10:30 AM	Unit-20/T-1	The jumping jack operator was found to be without leather hand gloves, contrary to the requirements outlined in the attached safe work practice check list associated with the work permit - 4023162 (HWP)	PPE	Contractor is responsible for ensuring that employees wear the necessary personal protective equipment (PPE) in accordance with job requirements and as recommended in the SWP checklist.	Medium	SEB	THA/DIT	Closed
162	18.10.2023	Morning	10:45 AM	Unit-20/T-1	Scaffolding modification and pipe spool erection work were being carried out simultaneously on a green tagged scaffolding platform located near P-20-113A/B area.HWP-4019016	Scaffolding	While performing scaffold platform modification work, it is essential to display a red tag in the Scaff tag holder, and no other tasks should be undertaken the scaffold platform during this modification period.	High	VKS	THA/DIT	Closed
163	18.10.2023	Morning	11:00 PM	Unit-20/T-1	Repeated observation- The welding machine GS-489, which had a damaged spark arrestor, was put into operation without undergoing the necessary daily inspection. Location East side of T-20-101	Welding	Remove the welding machine or repair the spark arrestor. Contractor shall ensure that competent personnel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed

164	18.10.2023	Evening	12:30 PM	Unit-20/T-1	Employee belongs to concrete pavement cutting and breaking crew was found breaking concrete by using electric chipping hammer without wearing face shield. Location- near P-20-105 A/B.	PPE	Contractor is responsible for ensuring that employees wear the necessary personal protective equipment (PPE) in accordance with job requirements.	Medium	VKS	THA/DIT	Closed
165	18.10.2023	Evening	3:30 PM	Unit-20/T-1	A 4" portable electric angle grinder , fitted with a cutting wheel was found in the possession of the concrete breaking crew, without its guard and handle.	Defective Equipment	Abrasive wheels shall be used only on machine provided with safety guards.Guards must be provided and adjusted properly as per the manufacturers manual.	High	VKS	THA/DIT	Closed
166	18.10.2023	Evening	4:00 PM	Unit-20/T-1	Repeated observation- Employee was found engaged in work (buffing on welded joints) on an incomplete scaffold platform without safe access :Missing Safety Features: The scaffold platform lacks essential safety features such as safe access, scaffolding tag, handrails, toe boards, and guardrails, which are crucial for preventing falls and ensuring worker safety. Work permit no-4033016, Location - Under second level of the main pipe rack..	Scaffolding	Contractor is responsible for providing safe working platforms for their employees while working on elevated work areas.	High	VKS	THA/DIT	Closed
167	19.10.2023	Night	11:20 PM	Unit-20/T-1	Near E-20-108 Welding area oil drainage was found not covered also water hose not available.	Hot Work	Near by Welding all the sewer, drains shall be covered by flame proof taurpalin. and running water hose must be available at hotwork area.	High	RAC	THA/DIT	Closed
168	19.10.2023	Morning	1:45 AM	Unit-20/T-1	Near T-20-101 Towerlight being used found spark arrestor broken and all the exhasust are not passing through spark arrestor .	Lighting	Tower light shall be removed from site and broken spark arrestor	High	RAC	THA/DIT	Closed
169	19.10.2023	Morning	3:50 AM	Unit-20/T-1	It has been observed that all the scaffolding tag holder found tied with binding wire and found protruding side of ladder rungs that may cause cut injury while climbing the ladder.	Scaffolding	Binding wire shall be removed cable tie or zip ties should be used .	High	RAC	THA/DIT	Closed
170	19.10.2023	Morning	8:45 AM	Unit-20/T-1	Repeated observation- WM-408 , located at the north side of P-20-124A was found to put on operation without providing proper earthing and performing daily inspection.	Hot Work	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
171	19.10.2023	Morning	9:30 AM	Unit-20/T-1	Expaired Excavation authorization (Authorization number - 49718, expired on 12-10-2023) was found attached with the work permit (HWP - 4030378) at Sea water Tie -In location.	Work Permit	A valid excavation authorization must be present at the work site when conducting activities within a deep excavation.	Medium	VKS	THA/DIT	Closed
172	19.10.2023	Morning	10:15 AM	Unit-20/T-1	Repeated observation- Diesel Generator (DG-97) was found put on operation without providing proper earthing and performing daily inspection. Location -West side of T-20-101.	Hot Work	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed
173	19.10.2023	Morning	11:00 AM	Unit-20/T-1	During grinding ,sparks and spatter from the booth were found falling outside and dropping into the access area, creating a potential safety hazard.Location - Circular platform T-20-104.	Hot Work	To ensure safety in welding and grinding areas, cover these zones with fire blankets to effectively contain sparks and spatter.	High	SEB	THA/DIT	Closed
174	19.10.2023	Evening	3:15 PM	Unit-20/T-1	Padding/Softener was not provided for five nos of 3 ton chain blocks suspended using web sling from overhead "I" beams for the erection of the 6" Isolation Vale (Permit # 4034054) at Cutting Deck, Level-2	Lighting	Softener/ Padding shall be provided between web sling and "I" beam in order to avoid damage to web slings	High	SEB	THA/DIT	Open
175	19.10.2023	Evening	3:30 PM	Unit-20/T-1	Hydrotest pack, third party certificate for PSV, Pressure gauge and header were not available at the job site to carry out hydrotesting of circuit at 2087 PSI (Job covered under group permit # 4028782 Issued on 16.10.2023)	Other	Hydrotest pack, third party certificate for PSV, Pressure gauge and Header shall be available at site work site before carrying out hydrotesting activity	Medium	SEB	THA/DIT	Closed
176	19.10.2023	Evening	8:00 PM	Unit-20/T-1	Channel cutting activity was ongoing using a Welding Machine without earthing and without Fire extinguisher. Work Site Supervisor was not available at site and Permit was not available at site. (Job was suspended and advised to have a permit to carryout the activty. Illumination was poor	Hot Work	Any activity shall be carried out with a valid permit. Work Site Supervisor shall be available at site and Welding Machine shall be earthed and fire extinguisher shall be available at site.	High	SEB	THA/DIT	Closed
177	19.10.2023	Night	11:20 PM	Unit-20/T-1	Near P-20-124B Dry gunny bag s were found on concrete paving area and near hot work activities were taking place.	Hot Work	Once Curing activities completed dry gunny bag shall be removed, the welding work area shall at all times be kept clean of combustible and flammable materials.	High	RAC	THA/DIT	Closed
178	20.10.2023	Morning	2:48 AM	Unit-20/T-1	124 East Side Nails were observevd protruding on wooden planks and dumbd neear walk way that may cause impalement and cutting hazard .	Housekeeping	All projecting nails in boards, planks, and timbers should be carefully removed and shall be removed from site.	High	RAC	THA/DIT	Closed
179	20.10.2023	Morning	7:40	Unit-20/T-1	"No entry" signage and barrication is not available at tower T-20-104	Other	"no entry" signage and barrication shall be provided	Medium	NMH	THA/DIT	Closed
180	20.10.2023	Morning	9:00	Unit-20/T-1	welding machine GS-WM-295 at site found with ELCB not working.	Welding	To repair ELCB	High	NMH	THA/DIT	Closed
181	20.10.2023	Morning	10:00	Unit-20/T-1	GS-WM- 292 welding machine found at site without proper earthing.	Welding	To provide proper earthing	High	NMH	THA/DIT	Closed
182	20.10.2023	Morning	10:15	Unit-20/T-1	Found unused equipment and unwanted construction materials to be removed from the site.	Housekeeping	Ensure good housekeeping	Low	NMH	THA/DIT	Closed
183	20.10.2023	Evening	16:30hrs	Unit-20/T-1	Illumination was poor in many location in the hot work area in ground floor	Illumination	Illumination survey to be done, provide adquate Illumination	Medium	VES	THA/DIT	Closed
184	20.10.2023	Evening	16:30hrs	Unit-20/T-1	The cable management was found to be very poor, especially on the first floor. Temporary electrical cables, welding cables, Hoses were mixed, having potential trip hazards.	electrical	The cable management shall be done in all locations.	Medium	VES	THA/DIT	Closed
185	20.10.2023	Evening	21:30hrs	Unit-20/T-1	Loose materials like bolts, nuts, scaffolding components, scattered on the first floor over the grating, Having a potential of fall hazard.	Housekeeping	All Loose materials shall be removed. Good houde keeping shall be maintained	High	VES	THA/DIT	Closed
186	20.10.2023	Night	22:00hrs	Unit-20/T-1	Cokedrum V-20-105 West Site Stabilization Ring Area, Pipespools, Gaskets, Concrete Materials and Curing Water accumulated.	Housekeeping	Arrange housekeeping and clear accumulated water	Medium	HMJ	THA/DIT	Closed
187	20.10.2023	Night	22:15hrs	Unit-20/T-1	Recue Preplan was not available in T-20-107 Debutanizer Confined Space Entry	Confined Space	Rescue preplan shall be available at site with the permti.	Medium	HMJ	THA/DIT	Closed
188	20.10.2023	Night	22:30hrs	Unit-20/T-1	Alternate access to T-20-101 to be evaluated as workers have to decent more than 4 levels from the access. The Main access through Level-2 is partially obstructed with Cable drums and drums.	Confined Space	Clear the obstruction. As the work location has moved to (9-15 Level) consider alternate access from lower levels.	Medium	HMJ	THA/DIT	Closed
189	20.10.2023	Night	22:30hrs	Unit-20/T-1	Near PS-14/P-20-101A, Two Concrete Pits with exposed rebars were left unattended without barricade or covering the pits, posing trip hazard.	Other	Cover the pits to prevent trip/fall hazard.	Medium	HMJ	THA/DIT	Closed
190	20.10.2023	Night	22:30hrs	Unit-20/T-1	Confined Space Entry Authorization not available with any of the Safety Personnel covering night shift.	Confined Space	Arrange CS Entry for Safety Personnel to enter and check internal conditions and measure illumination.	Medium	HMJ	THA/DIT	Open
191	20.10.2023	Night	22:30hrs	Unit-20/T-1	Fire proofing job - Third Party Certificate for Relief Valve on the Air Compressor (GS-AC-PSV-03) not available at site.	Defective Equipment	Arrange Third Party Certificate at Site.	Medium	HMJ	THA/DIT	Closed
192	20.10.2023	Night	22:30hrs	Unit-20/T-1	10,000 PSI high volume pump is being used for Hydro testing at 1400psi and air blowing for new line TP-2058-P-027(T). Permit does not clearly mention using high volume pump.	Other	Permit description shall clearly mention high volume pumps and written test procedures on pressurizing , depressuizing and venting shall be available.	High	HMJ	THA/DIT	Closed
193	20.10.2023	Night	22:30hrs	Unit-20/T-1	Cable management needs improvement. Cables are hung over scaffolds and equipment using metal wires which can cut through the cable.	Other	Arrange cables properly. Use cable ties to consolidate cables.	Medium	HMJ	THA/DIT	Closed
194	21.10.2023	Morning	8:30 AM	Unit-20/T-1	Section -5, temporary spot supervision was not delegated to subordinate executor, work permit (HWP-4040926,4039853).	Work Permit	For medium risk works the Executor shall assign a person in the working crew, who is at the level of foreman or below (in any case not below GFT level), to supervise the work, whenever the Executor is required to move to other job locations within in the vicinity.	Medium	VKS	THA/DIT	Closed
195	21.10.2023	Morning	9:00 AM	Unit-20/T-1	Repeated observation- The welding machines GS-523 & 967, put into operation without undergoing the necessary daily inspection.	Welding	Cotractor shall ensure that competent personel are inspecting equipment and filling out daily inspection checklist at the site.	Medium	VKS	THA/DIT	Closed

196	21.10.2023	Morning	9:40 AM	Unit-20/T-1	Scaffold Foreman working for dismanting of scaffold in the feedswitch area had Third Party Training Card instead of Third party Competency Card	Scaffolding	Contractor was advised to ensure Third party competency card is issued to all Scaffolders/Scaffold Supervisors and Foreman who are engaged at work	Medium	SEB	THA/DIT	Closed
197	21.10.2023	Morning	10:30 AM	Unit-20/T-1	M/s Gulf Spic employees were found working on a scaffolding structure erected by M/s Almen (TAG NUMBER 20-PS-14).During the in spection ,it was noted that toe boards were not in place, and there were gaps between the scaffolding planks. Location - P-20-102 A/B	Scaffolding	Prior to commencing work on the scaffolding structure assembled by Almen, Gulfspic is responsible for conducting a thorough inspection in consultation with their scaffolding supervisor. This inspection should aim to identify and rectify any defects in the scaffolding.	High	VKS	THA/DIT	Closed
198	21.10.2023	Morning	10:45 AM	Unit-20/T-1	During the inspection of the welding booth near P- 113 A/B, it was noted that the welder was not wearing an apron, the angle grinder had not been inspected, and hot work was being performed in close proximity to dry Hessain cloth.	Hot Work	Contractor shall ensure all employees wear the necessary personal protective equipment (PPE) in accordance with job requirements. All portable electrical tools shall be inspected and colour coded.Clear combustable materials with in 8 meters radius.	Medium	SEB	THA/DIT	Closed
199	21.10.2023	Morning	11:00 PM	Unit-20/T-1	The following equipments found at the west side of main pipe rack with damaged spark arrester. Welding set GS-54 & 358. Tower light- L-87.	Defective Equipment	Remove all damaged equipments from site.	Medium	SEB	THA/DIT	Closed
199	21.10.2023	Evening	2:30 PM	Unit-20/T-1	At two separate locations just below the first level of Coker unit ,grinders were observed working without the use of face shields for protection.	PPE	Contractor is responsible for ensuring that employees wear the necessary personal protective equipment (PPE) in accordance with job requirements.	Medium	VKS	THA/DIT	Closed
200	21.10.2023	Evening	3:00 PM	Unit-20/T-1	Several scaffolding platforms in the main pipe rack area were found lacking access and Scaff tags.	Scaffolding	Please ensure the removal of any excess scaffolding structures and attach appropriate tags to those that are in use.	Medium	VKS	THA/DIT	Closed
201	21.10.2023	Evening	3:30 PM	Unit-20/T-1	Employees from the E&S department of M/s. Gulf Spic were found working on an unsafe scaffolding platform, which had only two planks and lacked essential safety features such as handrails, safe access, and toe boards. This unsafe platform was located at the top level of the Bridge crane north side main scaffolding access, with a fall distance of approximately 10 meters. The employees were also observed jumping/crossing over the permanent structure's handrails, to access this temporary, unsafe scaffolding platform. HWP - 4037417.Although this activity had been classified as having a medium risk level in the work permit, it was noted that the specific work permit number was not referenced in the work at height and hot work activities SWP checklists attached to it.	Scaffolding	Conduct emergency safety training for the employees involved in this incident. Ensure they are aware of the risks associated with unsafe scaffolding practices and the importance of following safety protocols. Ensure that the specific work permit number is referenced in all relevant checklists. Increase supervision of work at height activities and implement a system of accountability for all employees and contractors involved. Contractor must adhere to and comply with the following Safe Work Practice procedures by the KNPC. Scaffolds, Ladders & Works at Height Safe Work Practices (HSE-TSSA-06-2015, Rev-8) SWP on Work Permit System & Risk Assessment (HSE-TSSA-06-2029, Rev. # 7)	High	VKS	THA/DIT	Closed
202	21.10.2023	Evening	4:30 PM	Unit-20/T-1	Poor cable management observed at first level of Coker unit. Potential for trip and fall hazard	Housekeeping	Ensure good housekeeping	Medium	VKS	THA/DIT	Closed
203	21.10.2023	Night	10:50 PM	Unit-20/T-1	Many Acetylene cylinders were found stored In front of Operation shelter	Housekeeping	huge volume of welding activities these cylinders were being used and now most of the welding activities were found completed, excess clyinders shall be removed from site.	Medium	RAC	THA/DIT	Closed
204	21.10.2023	Night	11:23 PM	Unit-20/T-1	Emply cable drums were found dumbled in fron of oeration shelter	Housekeeping	Empty cable drum shall be removed from site.	Medium	RAC	THA/DIT	Closed
205	22.10.2023	Morning	12:40 AM	Unit-20/T-1	Near T-20-107 2 Nos plate compactor and 2 nos jumbing jack combactor were found kept at site after completion of compaction.	Housekeeping	All the compactors shall be removed from site.	Medium	RAC	THA/DIT	Closed
206	22.10.2023	Morning	1:10 AM	Unit-20/T-1	T-107 & 101 Removed internal trays were found kept at site. That at is not going to reinstall on the tower.	Housekeeping	Shall be removed from site and handed over to salvage yard.	Medium	RAC	THA/DIT	Closed
207	22.10.2023	Morning	8:30 AM	Unit-20/T-1	Section -5, temporary spot supervision was not delegated to subordinate executor, work permit (HWP-4039558).	Work Permit	For medium risk works the Executor shall assign a person in the working crew, who is at the level of foreman or below (in any case not below GFT level), to supervise the work, whenever the Executor is required to move to other job locations within in the vicinity.	Medium	SEB	THA/DIT	Closed
208	22.10.2023	Morning	9:00 AM	Unit-20/T-1	Hot work activities are being conducted beneath the main pipe rack without the necessary precautions in place. Specifically, there is no utilization of a fire blanket to contain sparks, no fire extinguisher is readily available in the area, and there is no designated fire watch present.	Hot Work	Provide and mandate the use of fire resistant blankets to contain sparks and prevent potential fire.Ensure and provide a readily accessie fire extinguisher at hot work area. And assain a dedicated fire watch to monitor the work area.	Medium	SEB	THA/DIT	Closed
209	22.10.2023	Morning	9:30 AM	Unit-20/T-1	An oil leak was detected in one welding generator (WM-175) , and a towerl light (TL-87 with abroken spark arrester was found on the west side of P-105 B.	Defective Equipment	Remove all damaged equipments from site.	Medium	VKS	THA/DIT	Closed
210	22.10.2023	Morning	10:30 AM	Unit-20/T-1	Contractor was observed conducting PMI (Positive Material Identification) test using an X-ray fluorescence analyzer at the feed switch area without having obtained the necessary work permit.	Work Permit	Contractor required to obtain the necessary work permits to conduct PMI tests at the site.	Medium	VKS	THA/DIT	Closed
211	22.10.2023	Morning	11:30 AM	Unit-20/T-1	Welders were found working at stabilization ring area without wearing welding apron.	PPE	Contractor is responsible for ensuring that employees wear the necessary personal protective equipment (PPE) in accordance with job requirements.	Medium	VKS	THA/DIT	Closed
212	22.10.2023	Evening	4:15 PM	Unit-20/T-1	Awareness on KNPC emergency number found poor for the Contractor employees	Other	Proper awareness shall be provided for the KNPC emergency number	Medium	GKA	THA/DIT	Closed
213	22.10.2023	Evening	4:25 PM	Unit-20/T-1	Poor housekeeping noticed at the Feed switch(level 1) work location (Conduit and support installation LCP-161-,170)	Housekeeping	Proper housekeeping shall be maintained	Medium	GKA	THA/DIT	Closed
214	22.10.2023	Night	10:50 PM	Unit-20/T-1	Trailer KWT-1528 while reversesing inside unit close to the equipments was noticed that flag man was not assigned for vehicles move safely in their work areas and the potential of hitting people and other equipment.	Other	Make sure Banksman/Flagman is always available to properly guide while reversing heavy vehicles at site.	High	RAC	THA/DIT	Closed
215	22.10.2023	Night	11:20	Unit-20/T-1	Near E-20-114 Few equipments were observed that wheels chocks are not provided on their tyre to avavoid for unwanted movement.	Other	Wheel chocks shall be provided to stop a vehicle or equipment (or isolated tire) from rolling or moving accidentally.	Medium	RAC	THA/DIT	Closed
217	23.10.2023	Morning	1:50 AM	Unit-20/T-1	Overflowing garbage bin was observed Near container belongs to Hydrotest team.	Housekeeping	Accumulated garbage shall be removed from site.	Medium	RAC	THA/DIT	Closed
218	23.10.2023	Morning	8:30 AM	Unit-20/T-1	Welder was found working at stabilization ring area without wearing welding apron.Location Near P-20-124 A	PPE	Contractor is responsible for ensuring that employees wear the necessary personal protective equipment (PPE) in accordance with job requirements.	Medium	VKS	THA/DIT	Closed
219	23.10.2023	Morning	8:45 AM	Unit-20/T-1	The following equipment found at the east side of P-20-124 A with damaged spark arrester. Welding set GS-141	Defective Equipment	Remove all damaged equipments from site.	Medium	VKS	THA/DIT	Closed
220	23.10.2023	Morning	9:15 AM	Unit-20/T-1	LPG Gas cylinder was observed improperly stored in direct sunlight without any shade.	Other	LPG Gas cylinder should never stored in an open area exposed to direct sunlight.	Medium	SEB	THA/DIT	Closed
221	23.10.2023	Morning	10:00 AM	Unit-20/T-1	Poor housekeeping and water stagnation observed near to the employees rest shelter located at the north west corner of Unit-20.	Housekeeping	Ensure proper housekeeping.	Medium	SEB	THA/DIT	Closed
222	23.10.2023	Morning	10:40 AM	Unit-20/T-1	Welding and hot work activities were observed being conducted without the removal of combustibile materials, such as bundles of dry hessain cloth, from the work area, posing a serious fire hazard. Location- Stabilization ring area, V-20-102.	Hot Work	Clear combustibile materials withuin 8 meters radius of the hot work area.	High	VKS	THA/DIT	Closed

223	23.10.2023	Morning	11:30 AM	Unit-20/T-1	Accumalation of construction metal waste was noticed at the south west corner of the feed switch area.	Housekeeping	Ensure proper housekeeping.	Medium	VKS	THA/DIT	Closed
224	23.10.2023	Evening	7:45 PM	Unit-20/T-1	Lighting arrangement was not provided at the North west side of the unit. Spark arrestor in two tower lights (GS-TL-56 & 127) were observed broken	Lighting	Unit area shall be illuminated and illumination shall comply with Appendix-L of KNPC SWP on Work Permit System and Risk Assessment	Medium	SEB	THA/DIT	Closed
225	23.10.2023	Evening	8:15 PM	Unit-20/T-1	Many welding machines are in operation without Fire that are kept at Southwest side of the unit to carryout hot work activities (Ex. Gs-WM-281/465/219)	Hot Work	Fire watch shall be available at site to extinguish in case of fire	High	SEB	THA/DIT	Closed
226	23.10.2023	Evening	8:40	Unit-20/T-1	Hydrotest Preparatory works (Test Pack # 155 & 157) was in progress at Feed Switch Area- Level-1 with the group Hot Work Permit # 4035913 converted into Weekly permit. Permit issued on 18.10.2023. However, Group Permit is issued only for "Feed Switch Area - Piping Tie-ins and Structural Works"	Work Permit	Separate permit shall be requested from Operations to carryout Hydrotest as the activity described in ther Hot Work Group Permit does not include Hydrotesting activity	High	SEB	THA/DIT	Open
227	23.10.2023	Night	11:10 PM	Unit-20/T-1	Near T-20-107 A workers was found standing on scaffolding midrail and tightening pipe spool.	Scaffolding	Scaffolding platform height shall be properly erected to working height to do the activities .	Medium	RAC	THA/DIT	Closed
228	24.10.2023	Night	11:55 PM	Unit-20/T-1	Many black gargage bags with full of waste and removed fire redartand blankets were accumulated near E-20-109	Housekeeping	All the waste and blankets Shall be removed and disposed from site.	Low	RAC	THA/DIT	Closed
229	24.10.2024	Morning	9:15 AM	Unit-20/T-1	A noticeable accumulation of construction metal waste has been observed on the west side of P-20-124 A	Housekeeping	Remove unwanted materials and metal scrap from the site.	Low	SEB	THA/DIT	Open
230	24.10.2025	Morning	10:00 AM	Unit-20/T-1	Section -5, temporary spot supervision was not delegated to subordinate executor, work permit (HWP-4048969 and CWP 4050591).	Work Permit	For medium risk works the Executor shall assign a person in the working crew, who is at the level of foreman or below (in any case not below GFT level), to supervise the work, whenever the Executor is required to move to other job locations within in the vicinity.	Medium	VKS	THA/DIT	Closed
231	24.10.2026	Morning	10:40 AM	Unit-20/T-1	An employee belonging to the instrument group was found working at the bottom of the main pipe rack near PS-4 while standing on a pipeline ,and no work permit was available.	Work Permit	Temporarily stopped the activity and instructed to proceed the work after getting work permit.	Medium	VKS	THA/DIT	Closed
232	24.10.2026	Evening	7:30 PM	Unit-20/T-1	Feed switch level 1: It was noticed some of contractor employees working without Dust Mask	PPE	Dust mask shall be provided to all employees	Medium	GKA	THA/DIT	Closed
233	24.10.2026	Evening	7:40 PM	Unit-20/T-1	Feed switch level 1: A Helper found working with Black goggle.	PPE	Clear glass shall be provided during night time	Medium	GKA	THA/DIT	Closed
234	24.10.2023	Night	10:20 PM	Unit-20/T-1	Un secured aceteyle cylinder is found near maintenance rest shelter.	Other	All gas cylinders shall be kept upright with their valve ends up. These shall be secured against fall by using suitable cylinder stands or chains secured against fall by using suitable cylinder stands or chains .	High	RAC	THA/DIT	Closed
235	24.10.2023	Night	11:20 PM	Unit-20/T-1	Near TK-20-101 Hyrdotest area signage boards were placed site while hot work activities were in progress.	Other	Correct & appropriate sign boards shall be placed for the activities.	Low	RAC	THA/DIT	Closed
236	25.10.2023	Morning	1:10 AM	Unit-20/T-1	Near E-20-108 While dismantling scaffolding observed few scaffolders safety harnes anchor point below their waist.	Scaffolding	The safety harness anchor point shall be above your head and around your waist or chest.	Medium	RAC	THA/DIT	Closed
237	25.10.2024	Morning	9:15	Unit-20/T-2	Poor housekeeping observed around E&I store container and Hydrotest store container.Used gloves, papper covers, plastic waste, spare parts , bolts and nuts etc were found scattered around the containers.	Housekeeping	Remove unwanted materials and ensure proper housekeeping.	Medium	VKS	THA/DIT	Closed
238	25.10.2025	Morning	10:00 AM	Unit-20/T-3	The following eqipment found at the east side with damaged spark arrestor. Welding set GS-533 & Tower light - 117	Defective Equipment	Remove all damaged equipments from site.	Medium	SEB	THA/DIT	Closed
239	25.10.2026	Morning	11:00 AM	Unit-20/T-4	Instrumentation department employees were found working in the heat exchanager area (E-20-130) without the necessary valid work permit.	Work Permit	The contractor must fully comply with KNPC's work permit procedure.	High	VKS	THA/DIT	Closed
240	25.10.2023	Evening	4:15 PM	Unit-20/T-1	ELCB found not working for the Welding Generator GS-WM-281	Defective Equipment	The Welding Generator shall be re certified after fixing ELCB	High	GKA	THA/DIT	Closed
241	25.10.2023	Night	11:10 PM	Unit-20/T-1	Bold torquing permit(405639) mentioned as medium risk and the SWP check list was found attached work at height.	Work Permit	If bolt torquing consider as medium risk SWP shall be generated for the activities .	Low	RAC	THA/DIT	Closed
242	25.10.2023	Night	11:50 PM	Unit-20/T-1	Level I Electrical Power sockets outlets were observed not covered.	Lighting	socket Safety Covers shall be provided to prevent access to electrical sockets, switches and plugs without inserting anything into electrical sockets.	Medium	RAC	THA/DIT	Closed
243	26.10.2023	Morning	9:30 AM	Unit-20/T-1	Poor housekeeping observed around pipe thread making machine and bending machie located at the west side.	Housekeeping	Remove unwanted materials and ensure proper housekeeping.	Low	VKS	THA/DIT	Closed
244	26.10.2023	Morning	10:30 AM	Unit-20/T-1	Unsafe Act- An employee belonging to the instrument group was found working near P-20-110 B while standing on a pipeline.	Scaffolding	Instrument team shall inform a scaffold team to provide proper access to carry out shutdown activities. Working from a pipeline or other unsafe location is a voilation	High	SEB	THA/DIT	Closed
245	26.10.2023	Morning	11:00 AM	Unit-20/T-1	SWP checklist wit different workpermit number was found attached to medium risk work permit -4036506.	Work Permit	Medium risk works require the use of a checklist in addition to the work permit. The checklist shall be prepared from the KNPC Safe Work Practices & Guidelines, relevant KNPC procedures (such as I & C manual, KNPC Eng. Standards), filled & signed by the Executor and attached with the work permit.	Medium	VKS	THA/DIT	Closed
246	26.10.2023	Morning	1:00 PM	Unit-20/T-1	Unapproved Clear Safety Spectacles (Company- Vaultex) was worn by M/s.Gulfspic employees	PPE	Contractor shall ensure only KNPC approved PPE's are worn at site.	High	SEB	THA/DIT	Closed
247	26.10.2023	Evening	4:30 PM	Unit-20/T-1	Poor housekeeping observed around E-20-130 and E-20- 115 Used gloves, used fire blankets, plastic waste, bolts and nuts etc were found scattered around this area.	Housekeeping	Remove unwanted materials and ensure proper housekeeping.	Medium	VKS	THA/DIT	Closed
248	26.10.2023	Evening	8:30 PM	Unit-20/T-1	Poor illumination observed around around P-20-109A	Lighting	Provide proper illumination at all work areas.	Medium	VKS	THA/DIT	Closed
249	26.10.2023	Night	10:26: PM	Unit-20/T-1	Near TK -20-101 Welding crew left the welding booth after completion of welding activities at site.	Housekeeping	Once Activities completed welding fire retardant cloth and fire extinguisher shall be removed from site.	Low	RAC	THA/DIT	Closed
250	26.10.2023	Night	11:55 PM	Unit-20/T-1	Inside Unit Portable jerry can with disel was found stored near GS - DG-97 E-20 -114 west site	Other	Diesel shall not be stored inside unit, for fueling equipments fuel tanker shall be arranged.	High	RAC	THA/DIT	Closed
251	27.10.2023	Morning		Unit-20/T-1	Poor housekeeping (unfolded hoses lying on ground which could lead to tripping hazard	Housekeeping	Ensure good housekeeping	Low	MME	THA/DIT	Closed
252	27.10.2023	Morning		Unit-20/T-1	found unused equipment in site	Other	unused equipment to removed	Low	MME	THA/DIT	Closed
253	27.10.2023	Evening	4:00 PM	Unit-20/T-2	PUMP SEAL SYSTEM BARRIER FLUID FILLING P-20-125B work was carried out without wearing hand glove. MSDS also not available at site.	PPE	Seal barrier fluid filling shall be carried out with wearing hand glove. MSDS shall e made available at site.	Medium	VES	THA/DIT	Closed
254	27.10.2023	Evening	6:00 PM	Unit-20/T-3	Unwanted scaffolding material was stored in the west side of the unit area	Housekeeping	Unwanted scaffolding material stored in the west side of the unit area shall be removed.	Medium	VES	THA/DIT	Closed
255	27.10.2023	Night	11:00 PM	Unit-20/T-1	House keeping needs to be improved	Housekeeping	All unwnated construction waste materials needs ot be rmeoved from site	Low	CSS	THA/DIT	Closed
256	27.10.2023	Night	10:00 PM	Unit-20/T1	All the scaffolding materials blocking acces to be removed	Scaffolding	Materials to be rmeoved	Low	CSS	THA/DIT	Closed
257	28.10.2023	Morning	9:00 AM	Unit-20/T1	Poor house keeping was observed at the Exchanger E-20-108 (Temporary welding booth was left at site without dismantling)	Housekeeping	Temporary Wedling booth shall be removed from site and housekeeping shall be carried out	Medium	SEB	THA/DIT	Closed
258	28.10.2023	Morning	10:00 AM	Unit-20/T1	Insulation materials are oberved dumped at the west side of the unit along the road shoulder of 61st Avenue	Housekeeping	Insulation material shall be removed from the site and shall and area shall be cleaned	Low	SEB	THA/DIT	Closed
259	28.10.2023	Morning	10:30 AM	Unit-20/T1	Scaffold provided at the PS-9 pipe rack area (Below second level) where painting for welding joint was carried out do not have Scaffold Tag	Scaffolding	Work site Supervisor shall ensure proper scaffold access before allowing his crew to carry out Painting activity	High	SEB	THA/DIT	Closed
260	28.10.2023	Evening	4:15 PM	Unit-20/T1	The access to fire water monitor found blocked by Light Tower near Exchanger(E-20-130)	Other	The access to fire water monitor shall be cleared	Medium	GKA	THA/DIT	Closed
261	28.10.2023	Evening	4:15 PM	Unit-20/T1	Feed Swith Level 1 & 2, construction wastes found scattered around.	Housekeeping	General house keeping shall be improved around Feed Switch Level 1 and 2	Low	GKA	THA/DIT	Closed
262	28.10.2023	Night	11:15 PM	Unit-20/T1	Exchanger (E-20-110 and E-20-130) area was found to have poor housekeeping, with insulation materials scattered throughout the area.	Housekeeping	Ensure good housekeeping	Low	VKS	THA/DIT	Closed
263	29.10.2023	Morning	9:00 AM	Unit-20/T1	West side Insulation materials were observed stored in an open area, exposed to the elements ,lacking any protective covering ,and lacking fire safety measures.	Housekeeping	Ensure the insulation materilas are properly covered.Establish fire safety measures, such as installing fire extinguishers at this area.	Medium	SEB	THA/DIT	Closed
264	29.10.2023	Morning	10:00 AM	Unit-20/T1	Access to the fire monitor near the west side insulation storage was observed obstructed by barricades surrounding the storage area. Blocking free entry.	Signage/ barricade	Ensure unobstructed access to the fire monitor near the insulation storage by removing barricades,allowing free and immediate entry in case of emergencies.	Medium	VKS	THA/DIT	Closed
265	29.10.2023	Morning	11:00 AM	Unit-20/T1	Poor housekeeping observed at the east side material storage yard. Scaffolding materials, fire blankets, and othe materials were found scattered at this area.	Housekeeping	Ensure good housekeeping	Low	VKS	THA/DIT	Closed