

REPORT By



ENGINEER TALAL

HSE MANAGER PHASE-3
CHINA HARBOUR ENGINEERING COMPANY,
At 'SEDRA' A PROJECT BY 'ROSHN'





BY



INSPECTION DATE: 09-01-2025

WELFARE FACILITIES REPORT AT PHASE 03

1. BH CHEC SITE OFFICE

2. BH, VH SITE OFFICE

3. BH, VH SITE AREA

4. BH, BK, BI VH SITE AREA

5. BB, VH SITE AREA

6. BC, BD VH SITE AREA

7. BG VH SITE AREA

8. BE CHEC SITE OFFICE

9. BF HBSS SITE AREA



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What effects who and what.

| ASPECTS OF SITE LAYOUT AND FACILITIES | | PRIMARY RESOURCES AFFECTED | | |
|---------------------------------------|---------------------------|----------------------------|-------|----------|
| MAIN ASPECTS | RELATED ITEMS | LABOUR | PLANT | MATERIAL |
| SAFETY | SIGNAGE | █ | | |
| | FIRST AID | █ | | |
| | ACCESS WAYS | █ | █ | |
| | SITE CLEANLINESS | | | █ |
| | LIGHTING | | | █ |
| | EXISTING SERVICES | | █ | |
| WELFARE | FIRE PREVENTION | | █ | █ |
| | CANTEEN/MESS ROOMS | | | |
| | DRYING/CHANGING ROOMS | | | |
| | TOILETS/WASHROOMS | | | |
| | CAR PARKING/TRANSPORT | | | |
| | WORKER ACCOMODATION | | | |
| OFFICES | TIME OFFICE | | | |
| | MAJOR CONTRACTOR | █ | | |
| ACCESS | SUB-CONTRACTOR | █ | | |
| | CLIENT/DESIGN TEAM | █ | | |
| STORAGE | DELIVERY ACCESS | █ | █ | |
| | SITE ACCESS ROADS | █ | █ | |
| | PEDISTRIAN ACCESS | █ | █ | |
| TRANSPORTATION | OFF-LOADING AREAS | █ | █ | |
| | LONG TERM STORAGE | █ | █ | |
| | WORKFACE STORAGE | █ | █ | |
| | TOOL STORAGE | █ | █ | |
| | SECURE STORES | | | █ |
| | HAZARDOUS MATERIAL STORE | | | █ |
| RUBBISH REMOVAL/TEMPORARY SERVICES | PREFABRICATION AREAS | █ | █ | |
| | BATCHING PLANTS | █ | █ | |
| | HOISTS | █ | █ | |
| TESTING SECURITY | CRANEAGE | █ | █ | |
| | HORIZONTAL TRANSPORTATION | █ | █ | |
| | SITE CLEANLINESS | █ | █ | |
| IMAGE | ELECTRICITY/GAS/WATER | █ | █ | |
| | DRAINAGE/SURFACE WATER | | █ | |
| | EXISTING SERVICES | | █ | |
| | ON-SITE LABORATORIES | | █ | |
| | HOARDING/FENCING | | █ | |
| | SITE ACCESS | | █ | |
| PUBLIC RELATIONS | SECURE STORES | | | █ |
| | IDENTIFICATION PASSESS | | | |
| | SIGNAGE | | | |
| PUBLIC RELATIONS | HOARDING/FENCING | | █ | |
| | SITE CLEANLINESS | | █ | |
| | PUBLIC RELATIONS | | █ | |



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1: 3H CHEC SITE OFFICE

| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|---------------------------------|-------------------|---------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| REST CABINS | 3H SITE OFFICE | CHEC | GOOD | <p>1: CHEC rest cabins are present at 3H site office where workers from nearby sites come and do rest during break time.</p> <p>2: Cabins have enough space to accommodate CHEC labors who can perform their task like lunch, prayer and sleeping in good way.</p> | |
| REST SHELTERS & SMOKING SHELTER | | | GOOD | <p>1: One rest shelter is placed inside site office which can provide workers to do rest. In addition, rest shelter used as smoking purpose</p> <p>2: Benches are placed inside site office for labor sitting.</p> <p>NO FIRST AID ROOM AVAILABLE.</p> | |
| FIRST AID ROOM | | | POOR | | |



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| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|-------------------------|-------------------|---------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WASH ROOMS | 3H SITE OFFICE | CHEC | POOR | 1: 6 wash rooms are available at site office 3H but the condition of these wash rooms are very busy due to heavy load of workers from different companies CHEC, VICTOR HEIGHT & even Vertical labors are using the same wash rooms regularly. |  |
| DRINKING WATER STATIONS | | | GOOD | 1: 2 wash basins are available in wash room area. 2: Large Water bottles & hot water are provided to each staff & CHEC labor rooms for drinking and for tea purposes. |  |
| PRAYER ROOM | | | POOR | NO DISPOSABLE GLASSES FOR DRINKING PURPOSE. NO PRAYER ROOM AVAILABLE IN SITE OFFICE. |   |



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2: 3H, VH SITE OFFICE

| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|----------------------------|-------------------|---------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REST CABINS | | | POOR | <p>1: VH rest cabins are present at 3H site office where workers from nearby sites come and do rest during break time but the space available for workers are limited due to high manpower.</p> <p>2: Since the weather become normal and less space available in VH rest cabins workers rest outside CHEC staff rooms under shadow where they can eat, pray and sleep without any complain.</p> |   |
| REST SHELTERS & SMOKE AREA | 3H SITE OFFICE | VICTOR HEIGHT | GOOD | <p>1: Rest shelter is placed inside site office and storage areas for movement to other sites.</p> <p>2: Same shelter is also used for smoke purpose also.</p> |   |



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| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|-------------------------|-------------------|---------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WASH ROOMS | 3H SITE OFFICE | VICTOR HEIGHT | POOR | 1: VH has no wash rooms infect all their staff and labors from day start today end use the same CHEC wash room which put huge burden on these wash rooms. |  |
| FIRST AID ROOM | | | POOR | NO FIRST AID ROOM AVAILABLE. | |
| DRINKING WATER STATIONS | | | GOOD | 1: Water station is provided inside site office where workers can drink water easily. 2: Storage of water bottles are good for water distribution at site. |   |
| PRAYER ROOM | | | POOR | 3: NO GLASSES AVAILABLE. NO PRAYER ROOM IS AVAILABEL AT SITE OFFICE. | |



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3: 3H, VH SITE AREA




| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|-------------------------------|-----------------|---------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REST SHELTERS & SMOKE SHELTER | 3H SITE AREA | VICTOR HEIGHT | GOOD | 1: THREE rest shelters are available for workers working at 3H area. Where worker can take few minutes rest to resume their energy. Also used for smoke purpose. 2: Rest shelter have all the necessary things available in it like dust bins, fire extinguisher & Soft Barricading etc. |    Workers use site office wash rooms. |
| WASH ROOM | | | GOOD | 1: No wash room facility is available at 3H site. Workers use nearby washroom facilities in site office IN 3H. | Picture in above rest shelter. |
| DRINKING WATER STATIONS | | | GOOD | 1: Water Stations are present with each rest shelter. 2: NO GLASSES ARE PRESENT | |



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4: 3J, 3K, 3I VH SITE AREA

| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|-------------------------------|----------------|---------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REST SHELTERS & SMOKE SHELTER | 3I 3J 3K | VICTOR HEIGHT | GOOD | <p>1: Three rest shelters are available for workers working at 3I, 3J & 3K area. Where worker can take few minutes rest to resume their energy.</p> <p>2: Rest shelter have all the necessary things available in it like dust bins, NO fire extinguisher, barricades etc.</p> <p>3. Lack of First Aid.</p> |  3J  3K  3I |
| WASH ROOM | | | POOR | <p>1: No wash room facility is available at 3I, 3J & 3K site. Workers use nearby washroom facilities.</p> | |
| DRINKING WATER STATIONS | | | GOOD | <p>1: Water Stations are present with each rest shelter.</p> <p>2: NO DISPOSABLE GLASSER ARE PRESENT.</p> | Water cooler picture can be seen in above rest shelters |



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5: 3B, VH SITE AREA


| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|----------------|-----------|----------------------|---------------------|--------------------------------------------------------------------------------------------------------------|------------------|
| REST SHELTERS | 3B | VICTOR HEIGHT | POOR | 1: No rest shelters available for workers rest purposes. | |
| SMOKE SHELTER | | | POOR | NO SMOKE SHELTER | |
| WASH ROOM | | | POOR | 1: No wash room facility is available at 3B site. Workers use nearby washroom facilities either at 3H or 3E. | |
| WATER STATIONS | | | POOR | 1: No Water Stations are available rather water available in large plastic bottles | |



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6: 3C, 3D VH SITE AREA


| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|-------------------------|------------------------|--------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| REST SHELTERS | 3C 3D | VICTOR HEIGHT | POOR | 1: No rest shelters available for workers rest purposes. |  |
| SMOKE SHELTER | | | POOR | NO SMOKE SHELTER AVAILABLE AT SITE. | |
| WASH ROOM | | | POOR | 1: No wash room facility is available at 3C 3D site. Workers use nearby washroom facilities either at 3H or 3E. | |
| DRINKING WATER STATIONS | | | GOOD | 1: No Water Stations are available rather water available in large plastic bottles. | |



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7: 3G VH SITE AREA




| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|-------------------------------|-----------|----------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| REST SHELTERS & SMOKE SHELTER | 3G | VICTOR HEIGHT | GOOD | <p>1: One rest shelter is available for workers working at 3G area. Where worker can take few minuteSrest to resume their energy.</p> <p>2: Rest shelter have all the necessary things available in it like dust bins, NO fire extinguisher, barricades etc.</p> <p>3. Lack of first aid box.</p> |  |
| WASH ROOM | | | POOR | <p>1: No wash room facility is available at 3G site. Workers use nearby washroom facilities.</p> | |
| DRINKING WATER STATIONS | | | GOOD | <p>Water Stations are present with rest shelter.</p> <p>NO DISPOSABLE GLASSES.</p> | |



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8: 3E CHEC SITE OFFICE

| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|-------------------------------|------|---------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| REST CABINS | 3E | CHEC | GOOD | 1: Rest cabins are present at 3E site where workers from nearby sites come and do rest during break time. |  |
| REST SHELTERS & SMOKE SHELTER | | | GOOD | 2: Cabins are for offices but office are not in running up till now therefore enough rest cabins are available for rest purposes. 3: 1 Wash basin is available in wash room area. |  |
| PRAYER ROOM | | | POOR | 1: Two rest shelters are available at 3E office area and one rest shelter is at work area. Both used as smoke purpose also. NO PRAYER ROOM IS AVAILABLE FOR PRAYER PURPOSE. |  |



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| FFACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|----------------|------|---------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WASH ROOMS | 3E | CHEC | GOOD | 1: Six washrooms are available at 3E temporary office area. Which is fulfilling the need of workers working all nearby site like 3B, 3C, 3G area. |  |
| WATER STATIONS | | | GOOD | 1: Water coolers are available inside rest shelters. Enough stock of water bottles are available for drinking purpose. 2: No glasses are available for drinking water at water stations. |   |
| FIRST AID ROOM | | | POOR | NO FIRST AID ROOM IS AVAILABLE AT SITE OFFICE. |  |



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9: 3F HBSS SITE AREA

| FACILITY NAME | AREA | RESPONSIBLE COMPANY | CONDITION GOOD/POOR | DEFECIENCIES | PICTURE EVIDENCE |
|----------------|------|---------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| WASH ROOMS | 3F | CHEC | GOOD | 1: Six washrooms are available at 3E temporary office area. Which is fulfilling the need of workers working all nearby site like 3B, 3C, 3G area. |  SHELTER HBSS |
| WATER STATIONS | | | GOOD | 1: Water coolers are available inside rest shelters. Enough stock of water bottles is available for drinking purpose. 2: No glasses are available for drinking water at water stations. |  SHELTER CHEC Picture above in HBSS rest shelter. |
| FIRST AID ROOM | | | POOR | NO FIRST AID ROOM IS AVAILABLE AT SITE OFFICE. | |

A CHECKLIST OF ESSENTIAL WELFARE FACILITIES THAT SHOULD BE PROVIDED ON A CONSTRUCTION SITE:

| CHECTKLIST | | SCORE ON THE SCALE OF 10. |
|-----------------------------------------------------------------------------------------------------|--|----------------------------------|
| i. Toilets: | | 5 |
| Clean, well-maintained, and hygienic. | | |
| Adequate number based on the number of workers (minimum one toilet for every seven workers). | | |
| Separate facilities for men and women if necessary. | | |
| ii. Washing Facilities: | | 0 |
| Located near toilets. | | |
| Hot and cold running water, soap, and a way to dry hands (e.g., paper towels or hand dryers). | | |
| iii. Drinking Water: | | 8 |
| Clean, fresh water supply. | | |
| Easily accessible and regularly replenished. | | |
| iv. Rest Areas: | | 6 |
| Designated space for workers to rest, eat, and take breaks. | | |
| Includes seating, tables, and a covered area to protect from the elements. | | |
| Well-ventilated and properly lit. | | |
| v. Changing Rooms and Lockers: | | 2 |
| If required, provide changing rooms with lockers for workers to store their personal belongings. | | |
| vi. First Aid Stations: | | 6 |
| Adequate first aid facilities and supplies. | | |
| Easily accessible and regularly checked. | | |
| vii. Maintenance and Cleaning: | | 5 |
| Regular maintenance and cleaning of all welfare facilities to ensure they remain in good condition. | | |

SOME ADDITIONAL WELFARE FACILITIES AND CONSIDERATIONS FOR CONSTRUCTION SITES:

| CHECKLIST | | SCORE ON THE SCALE OF 10. |
|-------------------------------------------------------------------------------------------------------------------|--|----------------------------------|
| viii. Shelter from Weather: | | 6 |
| Provide adequate shelter to protect workers from extreme weather conditions, such as rain, heat, or cold. | | |
| ix. Canteen or Food Preparation Areas: | | 0 |
| If possible, provide a canteen or designated area for food preparation and consumption. | | |
| Ensure it is clean, hygienic, and equipped with necessary appliances like microwaves, refrigerators, and kettles. | | |
| x. Waste Disposal: | | 4 |
| Proper waste disposal facilities to manage and segregate waste. | | |
| Regular collection and disposal to maintain hygiene. | | |
| xi. Smoking Areas: | | 9 |
| Designated smoking areas away from work zones to ensure safety and cleanliness. | | |
| xii. Information and Notice Boards: | | 8 |
| Display important information, safety notices, and emergency contact details. | | |
| Keep workers informed about site rules, health and safety guidelines, and any updates. | | |
| xiii. Personal Protective Equipment (PPE) Storage: | | 9 |
| Provide storage for PPE to keep it clean and in good condition when not in use. | | |
| xiv. Emergency Procedures: | | 7 |
| Clearly marked emergency exits and procedures. | | |
| Regular drills and training for workers on emergency protocols. | | |

CONSIDERATIONS TO ENSURE A WELL-ROUNDED APPROACH TO WELFARE FACILITIES ON CONSTRUCTION SITES:

| CHECKLIST | SCORE ON THE SCALE OF 10. |
|---------------------------------------------------------------------------------------------------------|------------------------------------------|
| xv. Welfare Officer: | 4 |
| Appoint a welfare officer to oversee the maintenance and provision of welfare facilities. | |
| Ensure workers' needs are met and address any concerns promptly. | |
| xvi. Mental Health Support: | 4 |
| Provide access to mental health resources, such as counseling services or helplines. | |
| Promote a supportive environment where workers feel comfortable discussing mental health issues. | |
| xvii. Training and Education: | 7 |
| Regular training sessions on health and safety practices. | |
| Inform workers about the proper use of welfare facilities and the importance of maintaining hygiene. | |
| xviii. Accessibility: | 4 |
| Ensure facilities are accessible to all workers, including those with disabilities. | |
| Provide ramps, handrails, and other necessary modifications. | |
| xix. Noise Control: | 4 |
| Implement measures to reduce noise levels in rest areas and other welfare facilities. | |
| Use soundproofing materials where possible. | |
| xx. Lighting: | 4 |
| Ensure adequate lighting in all welfare areas, especially in restrooms, changing rooms, and rest areas. | |
| Use natural light where possible to create a more pleasant environment. | |
| xxi. Ventilation: | 4 |
| Proper ventilation in all enclosed spaces to ensure good air quality. | |
| Use fans, air conditioning, or natural ventilation methods. | |
| xxii. Regular Inspections: | 5 |
| Conduct regular inspections of welfare facilities to ensure they meet health and safety standards. | |
| Address any issues promptly to maintain a high standard of welfare. | |
| xxiii. Feedback Mechanism: | 4 |
| Establish a system for workers to provide feedback on welfare facilities. | |
| Use this feedback to make continuous improvements. | |
| xxiv. Cultural and Religious Considerations: | 5 |
| Be mindful of the cultural and religious needs of workers. | |
| Provide prayer rooms or spaces for religious observances if required | |
| TOTAL SCORE OF COMPLIANCE IS ONLY 50% | 120/240 = 0.5 AND 0.5 X 100 = 50% |

COMPLIANCE GRADING SCALE:

| <u>GRADING SYSTEM TO GAUGE THE OVERALL SAFETY AND COMPLIANCE OF THE CONSTRUCTION SITE:</u> | <u>GRADING SYSTEM BASED ON A SCALE OF 10 TO GAUGE CATEGORY SPECIFIC HSE COMPLIANCE:</u> |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 0-49%: Poor | 0-2: Poor |
| Significant noncompliance with safety and regulatory standards. | Significant noncompliance with safety and regulatory standards. |
| Immediate action required to address major safety issues. | Immediate action required to address major safety Issues. |
| 50-69%: Fair | 3-4: Fair |
| Some compliance, but many areas need improvement. | Some compliance, but many areas need improvement. |
| Basic safety measures in place, but not comprehensive. | Basic safety measures in place, but not comprehensive. |
| 70-79%: Good | 5-6: Good |
| Generally compliant with most safety and regulatory standards. | Generally compliant with most safety and regulatory standards. |
| Minor improvements needed to enhance safety practices. | Minor improvements needed to enhance safety practices. |
| 80-89%: Very Good | 7-8: Very Good |
| High level of compliance with safety and regulatory standards. | High level of compliance with safety and regulatory standards. |
| Only a few minor issues to address. | Only a few minor issues to address. |
| 90-100%: Excellent | 9-10: Excellent |
| Full compliance with all safety and regulatory standards. | Full compliance with all safety and regulatory standards. |
| Exemplary safety practices and procedures in place. | Exemplary safety practices and procedures in place. |

~THE END~