QUARTERLY ENVIRONMENTAL AUDIT REPORT

For Harrow School Project, Abu Dhabi UAE

Plot No: P13 Sector: SDW4

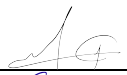
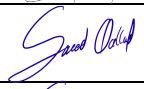
Al Saadiyat Island-Abu Dhabi

Revision History

REV. No.	DATE	DESCRIPTION
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Approvals

Printed initials in the boxes confirms that the document has been reviewed and approved.

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1 EXECUTIVE SUMMARY

The 1st Environmental Audit was conducted on 22nd January 2026 after approval of Project CEMP to conduct Quarterly Environmental Audit.

The Environmental Audit was conducted against approved CEMP and company EMS system with following objectives;

- To demonstrate that the construction is being carried out in full compliance with the CEMP and in accordance with the provisions of CEMP.
- To assess that the regulatory requirements related to project construction are being met by Al Hikma Building Contracting LLC. To identify non-compliances and to outline suitable corrective actions.

The company is complying with Approved CEMP including control plans and monitoring programs for each environmental.

1.1 PROJECT TITLE & PROJECT PROPONENT

The Harrow School-Abu Dhabi development is an initiative by M/s. Taaleem Management LLC, UAE

Project Title:	Harrow School– Abu Dhabi
Project Start Date	14-05-2025
Project Finish Date	30-01-2027
Employer	M/S Taaleem Management L.LC Century Plaza, 1st Floor, Jumeirah Road, Dubai, United Arab Emirates, PO Box 76691. Phone: +971-4-349 8806.
Supervision Consultant	Al Suweidi Engineering Consultants Al Zahiyah - E16 01 - Abu Dhabi, UAE Phone: +971-2-644 4000

Principal Contractor	M/s. Al Hikma Building Contracting LLC P.O. Box 86609, Dubai, UAE Phone: +971-50-406 1077
CEMP Consultant	M/s Oxygen Consultancy Limited FD - Ground Floor Accelerator Building Masdar City P.O 135129 - Abu Dhabi +971-2-563-3986

1.2 DESCRIPTION OF THE AUDITED DEVELOPMENT PROJECT

Associated construction activities at the present development are listed and briefly described in this section to enable understand the associated environmental issues and to support at developing the environmental management planning process.

The listed activities are not limited to the following and would be included in the process of the document review and approval. Each of the activities is briefly described along with preliminary considerations at environmental planning requirement for the followings

Item	Description
01	Substructure works
02	MEP Installations works

1.3 Temporary Traffic Management (TTM)

Maintain all external public roads open to traffic all the times. Unless otherwise agreed with the Engineer, with the minimum number of lanes maintained in each direction.

HBC will provide the Office caravans, Storage area, Prayer Room, Rest Room etc. at site and all HSE requirements mentioned in this document will be applicable for the same.

HBC will obtain Civil Defence approval for the site facility establishment.

1.4 Project Location

The location coordinates are provided in Table: 4-2.

Project Location Coordinates	
54°26′37.3″ E	24°32′45.5″ N

Project Location



1.5 DESCRIPTION OF ENVIRONMENT

The environmental baseline setting within the project area has been mainly established through Project Construction Environmental Management Plan (CEMP), onsite investigations, site walkover, consultation with project stakeholders, and desktop review of project documents.

Month	Temperature			Humidity %			Rainfall (mm)	Wind Speed (Km/h)		
	Mean Max	Mean Min	Mean	Mean Max	Mean Min	Mean	Mean	Mean Max	Mean Min	Mean
January	24	20	22	63	54	59	1.65	22	14.2	14.5
February	25	20	22	60	50	55	3.37	24.3	13	15.5
March	27	22	24	58	49	54	6.015	29.9	12.6	16
April	33	27	30	48	40	45	3.48	24.8	14.8	15.5
May	36	30	33	48	41	46	0.05	23.4	13.9	14.6
June	39	32	36	53	42	49	0	25.1	15.1	15.6
July	40	32	36	53	46	50	0.01	26.2	13.8	15
August	40	32	37	57	44	50	1.45	24.4	13.4	14.2
September	38	31	35	56	49	52	0.10	13.1	26.1	14
October	36	28	32	57	48	53	1.65	25.1	11.7	13.2
November	30	23	27	57	49	51	2.36	23.4	13.3	14.5
December	26	21	24	66	52	56	1.5	20.6	12.7	14

General Climatic Conditions

The climate of UAE can be divided into two principal seasons: the cool winter season, which extends from December to March and the hot summer season from June to September. The months of April to May and October to November are transitional months. Table 1.2 show the monthly temperature, relative humidity, rainfall and wind speed extracted from International Metrological data report.

By reviewing the meteorological data. The Maximum average temperature records is 40C in August and the coolest temperature is 20C in January.

Mean relative humidity for project is more than 52% the whole year so the same applies for the project.

While Rainfall records in overall Abu Dhabi are very limited, ranging from 0 mm to 6.015 mm during winter season. This limited precipitation characterizes the general hyper-arid climate in UAE.

1.6 GENERAL SITE CONDITIONS AND SENSITIVE RECEPTORS

Based on the ocular survey, environmental issues were identified & background concentrations for various environmental parameters including air, noise, were analyzed. The following sections provide a summary of the background concentrations of different environmental parameters compared against the UAE standards.

Sensitive Receptors

Sensitive receptor locations have been selected based on their distance from the source of impact for the air quality assessment of the construction phases of the Project

1.7 AIR QUALITY

Parameter	2016	2017	2018	2019
SO2 (Microgram/m^3)	9.4	9.1	10.8	11.7
NO2 (Microgram/m^3)	32.2	34	35.3	28.2
Ozone (Microgram/m^3)	70.9	70	71.1	64.7
PM10 (Microgram/m^3)	130	129.4	135	108.1

The project site is located at Al Saadiyat Island, Abu Dhabi, UAE. Given the ongoing development of surrounding areas, ambient dust levels in the vicinity are expected to be elevated. Air quality measurements are sourced from the Abu Dhabi International Airport statistics. The key air-sensitive receptors for the project include construction workers on site.

Air quality baseline measurements for a period of 4 years from 2016-2019 indicate that the SO2, NO2, O3 and PM10 are within allowable limits.

1.8 Noise

Noise level measured near project site is within allowable limits as there is no major potential source of noise but the construction activities will result in increase of sound level which can be mitigated.

1.9 SOIL & GROUNDWATER

The topsoil of the site is principally sand. The soils of Abu Dhabi can broadly be categorized as sandy, sand dune, sandy calcareous, gypsiferous, saline, saline-gypsiferous, and hard pan soils etc. These soils have been classified under three soil orders (Aridisols, Entisols and Inceptisols) of the Soil Taxonomy (USDANRCS, 1999)1. Entisols are the most occurring soils, followed by Aridisols to a relatively lesser extent, and the Inceptisols is the least occurring soils in the Emirate.

Dewatering activities will be carried out based on site conditions. If requires, dewatering permit shall be obtained from ADM to carry out dewatering activities.

1.10 TERRESTRIAL ECOLOGY

Wild Life (Fauna)

No significant impacts are anticipated to occur on fauna.

Flora

No significant impacts are anticipated to occur on flora.

2 SUMMARY OF FINDINGS

OXYGEN visited project site for Environmental Audit on 22nd January 2026 the Auditor has found below mentioned observations related to project activities during the audit. However, some good practices are also founded, well executed by the Contractor.

List of Observations

Sl. No.	Findings	Significance Priority	Statues
1	Improve dust suppression measures at site to effectively control dust generation.	Observation	Closed (refer to Appendix-H for Closeout)
2	It was observed that cardboard and paper waste were disposed off in food waste skip, indicating improper waste segregation at site.	Observation	Closed (refer to Appendix-H for Closeout)
3	Food waste skips were left uncovered, posing a potential environmental and hygiene hazard.	Observation	Closed (refer to Appendix-H for Closeout)
4	It was observed that chemical waste skip was not labelled, and left uncovered, posing environmental and safety risks.	Observation	Closed (refer to Appendix-H for Closeout)
5	Soil contamination was observed due to diesel-water spillage at the running generator, posing a potential environmental risk.	Observation	Closed (refer to Appendix-H for Closeout)

6	Concrete washout area was not constructed in accordance with approved environmental standards and best practices (EAD/ADM guidelines), and concrete spillage was noted around the washout area, posing a risk of soil and land contamination at site.	Observation	Closed (refer to Appendix-H for Closeout)
	Good practice observed: Properly segregated, color-coded, and labeled waste bins provided in a designated area, demonstrating effective waste management.	**Good practice** Observation	

2.1 CONCLUSION & RECOMMENDATIONS

During the Audit, it is established that company is complying with approved CEMP and also implementing good practices however only few observations were recorded during audit for which the client has already taken a proper action and their closeout is provided in Appendix-H.

3 INTRODUCTION

3.1 AUDIT SCOPE, OBJECTIVE & CRITERIA

AUDIT SCOPE

The audit scope includes the following.

- Document Review including
- CEMP Conditions
- Construction Environmental Permits
- Documentation and Records
- Trainings
- Monitoring Program and Results
- Internal Audit and Inspection
- Incidents and Complains
- EMS documentation
- Filled in reporting forms
- Environmental Permit/ NOC Conditions

Site visit to the following representative locations

- Office and administration
- Storages Areas
- Construction site

- Waste Area

Documentation and Records

The company is maintaining documents and records as per CEMP requirements which include following as minimum

- Equipment List
- Maintenance Schedule
- Daily Inspection checklist
- Material Inventory
- Noise Monitoring Records
- Waste Inventory
- Incident Forms
- Training Records
- Internal Audits
- HSE & Waste Management Plan

Training

The trainings are providing to employees, contractors and sub-contractor based on requirement basis as per CEMP and records are also maintaining along with separate Environmental Notice Board for awareness and notifications. The followings are minimum training are provided based on matrix developed in CEMP

- Tool Box Talks
- Waste Management Procedures
- HSE or Environmental Policy
- Pollution Prevention
- Spill Prevention and Response

Monitoring Plan

Attribute	Parameters	Frequency	Responsibility	Status
Ambient Air	Ambient Humidity, Relative Humidity, CO, TVOC O3, SO2, NO2, H2S, HC, PM10	Annually	Al Hikma Building Contracting LLC through third party Consultant	Implemented
Gaseous Emission	CO, NOx, SO2, CO2, O2	Annually	Al Hikma Building Contracting LLC through third party	Implemented

Monitoring			Consultant	
Dust Monitoring	Dust	Daily Visual Inspection	In-house	Implemented
Noise	dB(A) – Lmax, Lmin, Leq	Monthly – Near high noise area/Equipment	In-house	Implemented
Soil Quality Monitoring	Physical Parameters, Heavy Metals	Annually during construction	Al Hikma Building Contracting LLC through third party Consultant	Implemented
Discharge Water	Physical Parameters, Heavy Metals	Annually during construction	Al Hikma Building Contracting LLC through third party Consultant	Implemented

Incidents and Complaints

The incident and complaints procedure are implemented and followed as per CEMP requirements. All the incidents are investigated and a thorough root cause analysis carried out to identify the underlying factors contributing to the occurrence. Additionally, a dedicated complaints register is maintained to log the complaints

Sr. No	Control Measures – Air Quality & Dust	Compliance Status	Significance
AQM-1	Outside travelling Vehicles and vessels carrying loose aggregate should be covered at all times.	Vehicles/trucks travelling outside are provided with cover	Compliant
AQM-2	Vehicles should not be overloaded while transporting sand, as this may lead to spillage and littering of roads.	It is in practice	Compliant
AQM-3	Keep vehicles and equipment as free from dust as possible.	It is in practice	Compliant
AQM-4	Make sure tailgates of trucks are secured properly to prevent spillage of aggregate and clean up any spillages immediately;	There is no evidence of spillages and tail gating	Compliant
AQM-5	Temporary site roads and any unpaved areas will be watered to avoid excessive dust. The frequency of watering will be determined by weather conditions (wind, humidity, temperature) and the erodibility of the soil.		Compliant
AQM-6	Existing roads to be utilized to the maximum extent.	Movement of vehicles is as per approved plan	Compliant
AQM-7	The contractor will ensure that adequate supply and storage of water is available on site for dust suppression.	It is in practice	Compliant
AQM-8	Speed of vehicles will be restricted to 15 km/h along the temporary site roads and any unpaved areas of the site to avoid creating excessive dust.	Traffic Department/section already study the management plan	Compliant
AQM-9	Washing of vehicle tyres to prevent dust emissions during movement outside the project site.	It is in practice.	Compliant
AQM-10	Awareness of operational areas more frequently exposed to winds. Temporary wind barriers may be employed.	It is in practice.	Compliant
AQM-11	Prior to paving, water shall be sprayed at regular intervals throughout the day to suppress dust.	It is in practice.	Compliant

Sr. No	Control Measures – Air Quality & Dust	Compliance Status	Significance
AQM-12	At the earliest, all internal roads and other areas shall be paved.	The work is in progress	Compliant
AQM-13	Barriers shall be installed at the site boundaries.	Installed	Compliant
AQM-14	Soil stockpiles shall be stored in appropriate geometry and dimension.		-
AQM-15	Minimize heights of stockpiles.	Refer to above point	-
AQM-16	Limit stockpile height and slope.	Refer to above point	-
AQM-17	Site stockpile where it is protected from wind.	Refer to above point	-
AQM-18	Minimize duration of stockpile usage.	Refer to above point	-
AQM-19	Minimum height of the stockpile shall be 10m above the ground level.	Refer to above point	-
AQM-20	Stockpiles will be constructed with a slope less than 1:2 (vertical to horizontal).	Refer to above point	-
AQM-21	The height from which materials are dropped will be at a maximum tipping height of 2m to minimize the fugitive dust arising from unloading/loading.	It is in practice	Compliant
AQM-22	Temporary wind screens erected around stockpiles exposed to wind effects where necessary.	Refer to above point	-
AQM-23	Enclose, cover or fence stockpiles. Cover stockpiled materials with tarpaulin type materials to prevent wind blowing off dust from these areas.	Refer to above point	-
AQM-24	Use dust suppressants on un-stabilized stockpiles.	Refer to above point	-
AQM-25	Excavators will ensure that the rate and height of material release from the excavator bucket is set to minimize dust generation.	It is in practice	Compliant
AQM-26	Good housekeeping to make sure that unnecessary stockpiled waste material does not accumulate and become airborne pollution	Good housekeeping practices are in place	Compliant

Sr. No	Control Measures – Air Quality & Dust	Compliance Status	Significance
AQM-27	Minimize stock pile heights (circa. 3m).	It is in practice	Compliant
AQM-28	Pile surfaces should be as smooth as possible to reduce wind erosion. An irregular pile surface will create turbulence that aggravates dust.	It is in practice	Compliant
AQM-29	When reclaiming from stockpiles, loaders should work on the lee side (sheltered side) of the pile where its activity is sheltered from the wind.		-
AQM-30	Cover stockpiled materials with tarpaulin type materials to prevent wind blowing off dust from these areas and Good housekeeping to make sure that unnecessary stockpiled waste material does not accumulate and become airborne pollution.		-
AQM-31	Operators must exercise caution to maintain a minimum height for the dropping of soil and aggregate materials	It is in practice	Compliant
AQM-32	Loader operators should be trained to avoid overfilling their bucket and spilling aggregate during its movement to trucks.	Trainings are provided	Compliant
AQM-33	Operators must be trained to observe potential problem conditions. For example, the loader takes a cut from a pile just to see how dusty it is. If it looks like a problem, wet the pile down.	Trainings are provided	Compliant
AQM-34	During extremely windy conditions, activities should be temporarily ceased to prevent excessive dust generation.	It is in practice as per requirements	Compliant
AQM-35	Spraying of water on the ground before excavation to moist the area and prevent dust emissions.	It is in practice	Compliant
AQM-36	Loading of materials into the trucks by excavators to be carried out from minimum height to prevent dust generation.	It is in practice	Compliant
AQM-37	Spraying of water on the ground before piling to moist the area and prevent dust emissions	It is in practice	Compliant

Sr. No	Control Measures – Air Quality & Dust	Compliance Status	Significance
AQM-38	When possible the use of mains powered electrical equipment should be used in preference to using generators to provide power.	It will be implemented as per requirement	Compliant
AQM-39	Use of ADNOC approved fuel oil (diesel) suppliers. Fuel with only low sulphur content (10 ppm) will be used which in turn will reduce the SO_2 emissions.	Implemented	Compliant
AQM-40	All diesel-powered machineries/equipment shall be maintained regularly. For this purpose, preventive maintenance program shall be developed and implemented. Heavy machinery and Vessels will be serviced prior to commencement of the activities.	It is in practice	Compliant
AQM-41	Regular inspections of equipment will be carried out to ensure that deterioration does not occur.	Implemented	Compliant
AQM-42	All vehicles and machinery including diesel power generators will be frequently maintained and serviced to manufacturer specifications with at least a major service every 6 months. The maintenance shall include changing of filters and oils, etc.	Implemented	Compliant
AQM-43	All idling machinery shall be turned off. Limit unnecessary equipment, plant and vehicle usage, and where possible, turn off when not in use.	Implemented	Compliant
AQM-44	The combustion of any waste materials including waste oils on site will not be permitted under any circumstances.	It is totally prohibited	Compliant
AQM-45	Black smoke will not be allowed from construction equipment. Shutdown, repair or replace any equipment generating excessive emissions like black smoke.	Implemented	Compliant
AQM-46	Equipment shall comply with all local regulations applicable to exhaust emission controls and safety.	Implemented	Compliant
AQM-47	All complaints pertaining to the construction vehicles and plant machinery will be recorded as well as immediate actions taken to rectify the situation.	Complaints register is maintained	Compliant

Sr. No	Control Measures – Air Quality & Dust	Compliance Status	Significance
AQM-48	Encourage transport sharing among staff.	Company provided vehicles is used for staff	Compliant
AQM-49	The number of fuel and chemical storage areas will be minimized and properly managed.	Implemented	Compliant
AQM-50	A full list of all volatile fuels and chemicals stored on site will be kept by the site supervisor, including accompanying volumes, locations and Material Safety Data Sheets (MSDS).	Implemented	Compliant
AQM-51	All containers containing VOC's will be sealed properly.	Implemented	Compliant
AQM-52	Avoid on site storage of highly volatile fuels unleaded petrol, diesel and volatile chemicals such as solvents and oil-based paints.	Implemented	Compliant
AQM-53	Personnel using such substances must be trained in the safe handling of such substances.	Chemical handling training is provided	Compliant
AQM-54	Personnel must be provided with the necessary safety equipment to protect against any possible harmful emissions;	PPEs are provided	Compliant
AQM-55	Open burning materials are to be strictly prohibited.	It is completely prohibited	Compliant
AQM-56	Only specified coolants and refrigerant gasses will be used.	Implemented with proper procurement policy	Compliant
AQM-57	Food waste from the site office and accommodation camps will be stored in designated food waste skips which will be securely sealed shut with their respective lids to prevent secondary ecological impact and odour, and vermin cannot feed on the debris.	Implemented however need improvements	Compliant
AQM-58	Waste storage areas must be located as far from neighboring sensitive areas as possible.	Implemented	Compliant
AQM-59	Septic tanks should be covered to avoid unnecessary odour emissions. Ensure periodic collection and disposal of wastewater.	Implemented	Compliant

Sr. No	Control Measures – Air Quality & Dust	Compliance Status	Significance
AQM-60	Use holding tanks (110% capacity of storage) of adequate size;	implemented	Compliant
AQM-61	Eliminate leaks as well as odour emissions by periodic inspection/ maintenance of tanks and fittings.	Proper inspection and maintenance carried out	Compliant
AQM-62	Plant machinery should be turned off when not in use (where possible) and low Sulphur fuel used.	Implemented	Compliant
AQM-63	All containers for materials that may have an odour impact will be of sufficient strength and structural integrity to ensure that it is unlikely to burst or leak in its ordinary use.	It is in place	Compliant
AQM-64	Good housekeeping and waste management practices will prevent odors emissions from organic waste.	implemented	Compliant

Table 2-2: Noise Control Management

Sr. No	Control Measures	Compliance Status	Significance
NCM-1	Complaints regarding noise and vibration from any member of ADNOC will trigger a review of existing construction practices and traffic routes in order to satisfy the issue.	It will be implemented whenever required	Compliant
NCM-2	In order to control the duration of noise and vibration from the construction activities, if night-time working is undertaken noise monitoring will be undertaken at nearby sensitive receptors to demonstrate that impacts are within acceptable levels.		Compliant
NCM-3	The use of acoustic screens or noise attenuation measures should be implemented if monitoring determines that acceptable noise levels could be exceeded.	It will be implemented as per requirement	Compliant
NCM-4	All engines that generate high noise levels will be fitted with acoustic hoods, mufflers, enclosures, and other equipment to reduce levels.	Implemented	Compliant
NCM-5	Stationery machinery such as generators must be located as far from sensitive receptors as possible and be kept in enclosed structures for noise control during the night.	Implemented	Compliant
NCM-6	Items of plant on site operating intermittently will be shut down in the intervening periods between uses.	Implemented	Compliant
NCM-7	Electrically powered plant should be used, where practicable, rather than mechanically powered alternatives.	It will be implemented as per requirement	Compliant
NCM-8	All mechanically powered plant should be fitted with suitable silencers.	Implemented	Compliant
NCM-9	Low-noise equipment will be used where practicable.	Implemented	Compliant
NCM-10	Proper PPE to be provided to all personnel working in high noise areas.	PPE's have been provided to all the workers	Compliant

Sr. No	Control Measures	Compliance Status	Significance
NCM-11	Appropriate breaks to be provided to personnel working in high noise areas.	Implemented	Compliant
NCM-12	High noise sign boards to be placed in high noise areas such as, excavation, cutting, grinding, etc.	Implemented	Compliant
NCM-13	Training construction workers in the correct use of machinery and equipment to minimize vibration.	Training is provided	Compliant
NCM-14	Regular inspections and spot checks will be carried out and proper maintenance provided.	Regular inspections and maintenance carried out	Compliant
NCM-15	Regular maintenance of vehicles and other machineries.	Regular inspections and maintenance carried out	Compliant
NCM-16	Regular inspection in order to check abnormal noise.	Regular inspections and maintenance carried out	Compliant
NCM-17	Providing adequate enclosures or sound absorbers to the noise producing plants and machinery.	Implemented	Compliant
NCM-18	Backfilling activities to be restricted to day time periods only.	Only day time working currently	Compliant
NCM-19	Excavations to be restricted to day time periods only.	Only day time working currently	Compliant
NCM-20	Noise from vehicles, machinery and equipment used on site will not exceed the manufacturer's specifications, based on the installation of adequate noise reduction systems.	Implemented	Compliant
NCM-21	Train workers in the correct use of machinery and equipment to minimize vibration.	Trainings are provided to workers	Compliant

Table 2-3: Waste Management

Sr. No	Control Measures	Compliance Status	Significance
WMC-1	Conventional dry recyclable materials (paper, cardboard, plastic etc.) will be either reused on site or removed by licensed contractors for recycling. The following dry recyclable materials should be reused or recycled: • Glass, papers and cardboard, metals (other than aluminum), organic waste and plastic could be recycled and will be separated into different containers at the construction site. These containers will be suitably marked and stored in a covered and enclosed area to ensure that the weather and/or scavengers cannot access them; • The excavated material shall be reused in backfilling process;	Implemented	Compliant
WMC-2	Recyclable materials will be collected by CWM approved recycling contractors.	It is in place	Compliant
WMC-3	Welding rods to be used to the maximum extent prior to disposal.	Implemented	Compliant
WMC-4	Metal waste from cutting to be reused on site to the maximum extent possible.	It will be implemented where ever required.	-
WMC-5	Leftover concrete after casting will be reused for the construction of temporary works.	It will be implemented where ever required.	-
WMC-6	Where possible, materials will be ordered in bulk to reduce packaging.	It will be implemented where ever required.	-
WMC-7	Suppliers will be requested to use minimal packaging.	Implemented	Compliant
WMC-8	Waste that is generated during construction will be classified as hazardous or non-hazardous and stored appropriately.	Implemented	Compliant
WMC-9	Domestic solid waste generated within workers accommodation areas will be stored in specified areas prior to removal & disposal by the specifically appointed waste management sub-contractor.	Implemented	Compliant

Sr. No	Control Measures	Compliance Status	Significance
WMC-10	Food waste will be collected and stored within an allocated skip and disposed of by a specifically appointed waste management sub-contractor.	Implemented	Compliant
WMC-11	Secure storage practices across the site to ensure that any wastage is kept to a minimum.	It is in place	Compliant
WMC-12	Train and inform all construction workers regarding waste minimization through toolbox talks.	It is in place	Compliant
WMC-13	Effective segregation of waste streams should be undertaken to facilitate onsite reuse and offsite recycling where possible.	It is in place however improvements are required	Compliant
WMC-14	Dedicated containers for segregated waste streams for reuse/recycling/disposal will preferably be located under cover on an impermeable hard standing surface and will be located at strategic locations in the onsite compound. These containers will be stored in a covered and enclosed area when practicable to provide protection from the elements and scavengers.	It is in place	Compliant
WMC-15	Waste storage on site will be in designated and appropriately signed area(s). Skips will be clearly labelled to specify the waste streams which can be recycled or disposed of.	It is in place however improvements are required	Observation
WMC-16	Source Centre of Waste Management Abu Dhabi (CWM) certified waste contractors to regularly remove separated waste streams.	Approved Third party company is appointed	Compliant
WMC-17	All relevant consignments of waste (waste manifests) for disposal or recycling should be recorded indicating their type, destination and name of the carrier. This will indicate whether the waste is to be treated, recycled or disposed of to a landfill site and discharge liability from the waste producer by ensuring that disposal activities are in accordance with local regulations.	It is in place however improvements are required	Compliant
WMC-18	On site waste auditing at each stage of the construction process is required as part of the audit program in order to develop and to allow reporting on waste	Audit is carried out	Compliant

Sr. No	Control Measures	Compliance Status	Significance
	management targets and to ensure that the management plan is being adhered to.		
WMC-19	The segregated materials for recycling will be collected on an agreed basis with a local waste recycling contractor.	It is in place however improvements are required	Compliant
WMC-20	Industrial / domestic waste containers shall be checked prior to leaving the site to ensure:	It will be implemented as per measure	Compliant
WMC-21	The waste containers are clean on the outside, sealed, and not leaking.	It will be implemented as per measure	-
WMC-22	The required forms for wastes and other documents required for shipment are completed and correct.	It will be implemented as per measure	-
WMC-23	Waste separation will be done by staff wearing suitable PPE such as gloves and dust masks.	It will be implemented as per measure	-
WMC-24	All non-hazardous waste generated on site, must be recycled or disposed of at a landfill site through CWM licensed service provider.	It will be implemented as per measure	-
WMC-25	A licensed waste management contractor must be appointed for all removal of waste from site and delivery to the pre-agreed landfill.	TADWEER approved ESP is appointed for waste collection	Compliant
WMC-26	Collection of all non-hazardous construction waste shall be undertaken daily.	It is as per requirements	Compliant
WMC-27	All workers will be provided with a comprehensive induction to demonstrate which wastes are segregated in adequately labelled containers.	Induction training is provided	Compliant
WMC-28	Additional training should be provided to educate all construction workers regarding best practice waste management practices and recycling initiatives, and to encourage more sustainable working practices. Emphasis should be placed on the waste minimization hierarchy: reduce, reuse, and recycle;	Training is provided	Compliant

Sr. No	Control Measures	Compliance Status	Significance
WMC-29	Specific PPE and training will be provided and PPE must be worn by employees at all times.	PPEs and training is provided	Compliant
WMC-30	Where onsite storage will be required (i.e. sewage), holding tank will be provided that is of sufficient holding capacity and made of impermeable material.	It is in place	Compliant
WMC-31	Monitor and ensure that sewage volume does not exceed 80% of the tank capacity.	It is in place	Compliant
WMC-32	Locate toilet, washing facilities and sewage tank away from sensitive receptors.	Implemented	Compliant
WMC-33	Ensure water used for dust suppression is a suitable quality.	Implemented	Compliant
WMC-34	Any on-site vehicle maintenance will be performed in designated areas.	Implemented, designated area for vehicle maintenance	Compliant
WMC-35	Suitable spill clean-up materials will be kept available at the designated storage areas, in order to deal with any accidental spillages/leakages.	Implemented and available	Compliant
WMC-36	Sign boards shall be placed indicating the sewage storage. Waste sign boards shall be made available in a minimum of three languages i.e., English, Arabic and language of common use.	Implemented	Compliant
WMC-37	Complete up to date inventory of all hazardous wastes on site, which should be updated daily. This should be available for Emergency crews in case of an emergency event.	Implemented however required some improvements	Compliant
WMC-38	Any waste fuels, oils and chemicals will be stored separately in a bunded compound situated on an impermeable surface in order to prevent any potential spillage and contamination issues prior to collection for appropriate disposal and will be located in the on-site construction compound.	Implemented	Compliant
WMC-39	Flammable waste will be stored away from activity areas where flame and ignition are being used.	implemented	Compliant



Sr. No	Control Measures	Compliance Status	Significance
WMC-40	Oil, batteries and other workshop and maintenance wastes will be placed in sealed drums clearly marked to indicate the contents within. Wet cell batteries will be banded on pallets while dry cell batteries will be kept in a plastic barrel. These will be stored in a covered and bunded area.	Implemented however required some improvements	-
WMC-41	Oil waste will be sold to recycler through approved ESP.	Implemented	Compliant
WMC-42	Storage areas must be clearly marked and signed with regard to the quantity and hazardous characteristics of the waste materials stored therein.	Implemented	Compliant
WMC-43	Hazardous wastes will be kept according to prescribed buffer distances to water bodies and sensitive receptors; use waste transfer notes, provide MSDS to ESP, and communicate hazards.	Implemented	Compliant
WMC-44	Hazardous wastes must be stored in a container which has sufficient strength and structural integrity to ensure that it is unlikely to burst or leak in its ordinary use.	Implemented	Compliant
WMC-45	Returning any unused materials, spent containers, contaminated clothing, rags and tools would be returned a central compound, where practicable, for appropriate disposal.	It is implemented as per requirements	Compliant
WMC-46	Where there is risk of a spill of hazardous wastes, facilities should prepare a spill control, prevention, and countermeasure plan as a specific component of the Emergency Management Plan.	Implemented	Compliant
WMC-47	Storage areas must be constructed such that any spillage or loss of containment of a particular hazardous waste type cannot spread to other material types. This is particularly important where flammable materials are involved.	It is in place	Compliant
WMC-48	Regular inspection and maintenance of storage areas including drums, vessels, pavements and bunds must take place	Regular inspection is carried out	Compliant

Sr. No	Control Measures	Compliance Status	Significance
WMC-49	The stated maximum capacity of waste storage areas must not be exceeded.	Implemented	Compliant
WMC-50	There must be vehicular and pedestrian access at all times to the whole of the waste storage area such that the transfer of containers is not reliant on the removal of impediments which may be blocking access, other than drums in the same row.	It is in place	Compliant
WMC-51	An individual staff member must be assigned to manage hazardous wastes on site, to make sure that hazardous wastes are handled in the correct manner to reduce potential accidents.	It is in place	Compliant
WMC-52	Prior to commencing work involving handling waste materials, all personnel must be familiar with the relevant hazardous properties and instructed on what to do in case of an emergency.	Training is provided	Compliant
WMC-53	Personnel must wear appropriate PPE according to the type of hazardous waste they are working with.	PPEs are provided	Compliant
WMC-54	Use of drip trays is compulsory to contain any spills.	Drip trays are provided	Compliant
WMC-55	Appropriate spill kits will be provided at hazardous waste storage areas and carry out spill clean-up according to the relevant MSDS.	Spill kits are provided	Compliant
WMC-56	Any spillage of fuel or oils waste into the marine environment, must be efficiently contained with oil booms and pumps must be readily available to pump out any spillages.		
WMC-57	In the event of an environmental incident (i.e. spillage), soil / groundwater should be analyzed by an ESMA approved laboratory. Soil Contamination Guidelines for the Emirate of Abu Dhabi shall be adopted.	It will be implemented whenever required	Compliant
WMC-58	Engage only CWM-registered service providers for the collection, transport, treatment and disposal of hazardous waste, including minimizing the	Approved third party contractor is appointed	Compliant

Sr. No	Control Measures	Compliance Status	Significance
	quantity/volume of hazardous waste stored onsite by ensuring regular collection and offsite disposal.		
WMC-59	Emergency procedures must be put in place in case of spills.	Implemented	Compliant
WMC-60	All hazardous waste must be removed by CWM /Tadweer approved environmental services provider.	Implemented	Compliant
WMC-61	The vehicle must be in a good condition and must be suitable for the material being conveyed.	It is in place	Compliant
WMC-62	Train employees involved in the transportation of hazardous waste regarding proper transport procedures and emergency procedures.	Training is provided	Compliant
WMC-63	Waste Manifest and inventory must be maintained onsite.	Implemented however required improvements	-

Table 2-4: Traffic Control Management

Sr. No	Control Measures	Compliance Status	Significance
TCM-1	Traffic must be kept to designated construction routes;	It is in practice	Compliant
TCM-2	Roads will be well sign posted.	Proper signage is in place	Compliant
TCM-3	Routes will be planned to be as direct as possible.	It is in practice	Compliant
TCM-4	All drivers to the site will be provided with a site map and clear directions which indicates the correct access and exit routes.	Implemented	Compliant
TCM-5	Traffic routes should avoid residential areas and schools where possible.	No such receptors	Compliant
TCM-6	Where possible, construction traffic should be scheduled in off-peak traffic times and on well-maintained routes.	Traffic department or section of company is ensuring implementation	Compliant
TCM-7	Appropriate traffic safety signage will be provided to warn the public of construction traffic where traffic merges with normal road traffic.	Implemented	Compliant
TCM-8	Where appropriate, locally sourced materials should be utilized within the construction phase to minimize driving distances, and workers should be transported to site by bus to minimize external traffic.	Implemented	Compliant
TCM-9	All construction drivers should be trained in road and traffic safety, in order to improve driving standards and appropriate licensing of drivers.	Trainings are provided	Compliant
TCM-10	Trip durations should be capped to prevent excessive driving times and driver exhaustion e.g. construction driver rosters should be formulated.	Traffic management plan is developed and implemented	Compliant
TCM-11	Communication and training amongst first aid workers to ensure that any traffic related incidents are effectively and efficiently dealt with.	Training is provided	Compliant
TCM-12	Appropriate warning signs and flag operators should be used to warn the public of any adverse driving conditions as a result of construction traffic.	It is in place	Compliant

Sr. No	Control Measures	Compliance Status	Significance
TCM-13	Regular maintenance of all construction vehicles and mobile machinery used on site should be undertaken, e.g. monthly, to ensure safe operation.	Regular maintenance is carried out	Compliant
TCM-14	Construction sites are ever evolving and therefore the site traffic plan will be updated on regular basis in order to manage the changes in the traffic routes.	It will be implemented whenever required	Compliant
TCM-15	Wherever pedestrian routes intersect with vehicular traffic routes, pedestrian crossings shall be provided with proper signage.	Implemented	Compliant
TCM-16	The site traffic plan shall be communicated to the drivers and workforce by posting on the notice boards. Moreover, it shall also be included in the driver's induction.	Training is provided	Compliant
TCM-17	All contractor drivers will comply with the assigned speed limits at temporary & permanent roads on site.	Implemented	Compliant
TCM-18	Road Safety Officers will be patrolling on the roads with speed guns to monitor the speed limits and report any violations to the site HSE manager and the company HSE representative.	Implemented	Compliant

Table 2-5: Soil and Ground water Control

Sr. No	Control Measures	Compliance Status	Significance
SGC-1	All Material Safety Data Sheets (MSDS) will be retained by the HSE Officer. In addition, a copy of the MSDS will be retained at proximity of the materials in order to be readily accessible in case of emergency.	It is in practice	Compliant
SGC-2	All hazardous materials like fuel, oils and paint will be stored and handled in leak-tight, bunded containers and placed in dedicated locations with impervious flooring with adequate bund to prevent leakage or spills to the ground/groundwater.	It is in practice	Compliant

Sr. No	Control Measures	Compliance Status	Significance
SGC-3	All hazardous materials stored on site will be properly labelled and segregated according to their chemical properties in order to avoid any adverse chemical reactions.	Drip trays are provided	Compliant
SGC-4	Incompatible hazardous materials must be segregated and stored separately, e.g.: flammable liquids will be segregated from caustic/acidic materials.	Spill containment kits are provided	Compliant
SGC-5	Storage, handling and disposal of fuels, oils, lubricants and other potentially harmful chemicals (and their containers) will be undertaken under proper supervision in accordance with manufacturer's instructions.	Collection Tray and firefighting equipment are provided	Compliant
SGC-6	Storage areas will be clearly marked and signed with regard to the quantity and hazardous characteristics of the materials stored (Material Safety Data Sheets).	Excavated material is stored at designated area	Compliant
SGC-7	Containers will be stored, in designated areas that are isolated from surface water drains, open water and are bunded to contain any spillages.	It is in practice	Compliant
SGC-8	Emergency spillage kit will be located at strategic locations and in proximity of the main storage areas or sensitive receptors.	Designated color codes are used	Compliant
SGC-9	Contractor staff have to be instructed to notify their supervisors in the event of a spill/leak is identified, in order to immediately apply the emergency response procedures (clean up, etc.) followed by the necessary corrective action (maintenance, replacement of machinery) to avoid re-occurrence.	Storage is as per standard is in place	Compliant
SGC-10	Containers that contained toxic or harmful materials will not be rinsed or re-used.	It will be implemented whenever required	-
SGC-11	Such containers will be disposed of as hazardous waste to prevent re-use and disposed in accordance with the manufacturer's instructions at a permitted waste disposal facility.	It will be implemented whenever required	-
SGC-12	Discharge of liquid waste will not be allowed under any circumstances.	Implemented	Compliant

Sr. No	Control Measures	Compliance Status	Significance
SGC-13	Leaking or empty oil drums will be removed to the hazardous waste storage area to be treated or disposed of via an EAD approved waste disposal contractor.	Implemented	Compliant
SGC-14	The sanitary water should be collected and treated prior to discharge to the environment so that it complies with the standards set by the Environmental Regulations concerning discharges of wastewater to the Environment.	It is in place	Compliant
SGC-15	Regular checks will be carried out on sanitary facilities to ensure no leaks take place.	It is in place	Compliant
SGC-16	Water used for dust damping should come from a source that will not risk causing contamination to soil or groundwater.	It is in place	Compliant
SGC-17	Where there is a possibility for dust damping to mobilize contaminants the dust damping water should be captured and treated or disposed of as appropriate. The usable top soil will be stockpiled and reused on site for landscaping wherever feasible.	It is in place	Compliant
SGC-18	Provision of adequate spill kits are available to contain the spillage.		Compliant
SGC-19	Secure fences and locked or manned access will adequately protect all site and storage areas.	Implemented	Compliant
SGC-20	Bulk Storage vessels will be integrity tested to ensure competency before use.	Implemented	Compliant
SGC-21	All chemicals shall be stored in a proper storage area with hard-flooring and secondary containment away from drains.	Implemented	Compliant
SGC-22	Drip trays will be provided.	Implemented	Compliant
SGC-23	All containers will be securely stored and labelled, so that appropriate remediation action will be taken.	All labelling is completed and implemented	Compliant

Sr. No	Control Measures	Compliance Status	Significance
SGC-24	Any spills/leaks from the waste containers onto land are to be immediately remediated to minimize the potential of soil and groundwater contamination.	It will be implemented wherever required	-
SGC-25	A competent individual will be assigned to manage hazardous materials in order to ensure that such materials are handled correctly and therefore avoid any spills.	Trained staff is employed for handling	Compliant
SGC-26	Prior to commencing work involving handling materials, all personnel will be familiar with the relevant hazardous properties and instructed on the relevant emergency procedures.	Trained staff is employed for handling	Compliant
SGC-27	Appropriate Personnel Protective Equipment will be issued to relevant personnel.	PPEs are provided	Compliant
SGC-28	Suitable spill kits will be available in case of accidental spill.	Spill kits are available	Compliant
SGC-29	Designated personnel will be trained in the use of Emergency Spill Kits.	Trainings are provided	Compliant
SGC-30	Any refueling operation will be supervised and will take place in a designated impermeable hard standing area.	Proper supervision is provided	Compliant
SGC-31	All hoses and valves will be checked for wear and tear.	Implemented through inspection	Compliant
SGC-32	All hoses and valves will be securely locked and stowed away when not in use.	Implemented	Compliant
SGC-33	Contractors responsible for transporting hazardous materials to/from the site will be suitably qualified and possess a license from Abu Dhabi Municipality.	Approved service provider is appointed	Compliant
SGC-34	Plant and vehicle will be well maintained to avoid leakages.	Proper maintenance is carried out	Compliant
SGC-35	Plant and vehicle maintenance areas will be located in designated areas of hard standing;	Proper and designated area is allotted	Compliant

Table 2-6: Erosion and Sediment Control Plan

Sr. No	Control Measures	Compliance Status	Significance
ESC-1	Measures will be taken to prevent storm water from entering excavations through the appropriate use of cut-off ditches / bunds or other measures.	It is in place	Compliant
ESC-2	All stockpiles will be sufficiently located away from seepage zones, flood lines, water drains and high tide marks.		Compliant
ESC-3	Establish a good housekeeping practices (e.g. via immediate clean-up of spills/leaks) in order to prevent contaminants from entering the storm water network.	Good housekeeping practices are in place	Compliant
ESC-4	Locate storage areas for chemicals, fuel and other potentially hazardous substances as far as practicable (at least 50 meters) from storm drains.	Implemented	Compliant

Table 2-7: Terrestrial Ecology Plan

Sr. No	Control Measures	Compliance Status	Significance
TEC-1	Clearing of vegetation will be kept to an absolute minimum and occur within the approved footprint only in conjunction with the design.	Project activity as per approved plans and drawings	-
TEC-2	Project vehicles and personnel will not drive or walk outside the Project boundary, construction area or designated access roads, as this will cause indirect adverse impacts to the habitats, flora and fauna.	Implemented	Compliant
TEC-3	A strict 'no approach' attitude to wildlife will be enforced onsite.	Implemented	Compliant
TEC-4	Personnel will not feed, handle or touch wildlife on the site.	Implemented as it is not allowed	Compliant
TEC-5	Night-time lighting will be placed so that only the direct construction areas will be lit. All night-time lighting will be turned off when not in use.		Compliant
TEC-6	Where practicable, works will be undertaken during normal day-time hours rather than the night-time period. The relevant permit will be obtained if required.		Compliant
TEC-7	It is prohibited to handle or kill any native wildlife, including snakes.	It is prohibited	Compliant
TEC-8	All domestic waste within the site will be kept in closed, secured bins. No domestic waste will be stored on open ground or allowed to accumulate. The domestic sewerage will be disposed through CWM Abu Dhabi approved ESP.	Implemented	Compliant
TEC-9	Traffic Management plan should be implemented to reduce noise pollution impact on the terrestrial ecology including avifauna.	Implemented	Compliant
TEC-10	Spiny-tailed Lizard burrows, if any, found within 50m external to the Project boundary will be clearly marked. No personnel, vehicles or equipment will be allowed in these areas.	Not yet found	Compliant
TEC-11	It is prohibited to relocate any animals or plants inhabiting the Project site to a new habitat unless the relocation is previously approved by EAD.	It will be implemented as per requirements	Compliant
TEC-12	Native trees will be protected and EAD approval will be obtained for any tree removal or relocation.	Approval will be obtained if relocation will be required	Compliant
TEC-13	Inform EAD of any accidental injury for any wildlife species or damage to natural habitat.	Notification/communication will be carried out as per approved procedure in CEMP	Compliant
TEC-14	The Project must design any fencing used at the Project site to allow wild animals to escape from the enclosed area.	Implemented	Compliant
TEC-15	Undertake regular inspections to maintain demarcations of sensitive areas and trees and barrier fencing remains in place.	Regular inspection is carrying out	Compliant
TEC-16	Undertake inspections of fenced areas (e.g. project boundary) on a weekly basis to check integrity.	Regular inspection is carrying out	Compliant

Sr. No	Control Measures	Compliance Status	Significance
TEC-17	All required permits from the appropriate authorized government authorities must be obtained for the Project before clearing undeveloped areas at the project site.	All required approval at respective stage will be taken	Compliant
TEC-18	No construction works will be undertaken within approximately 100m of the beach area during turtle nesting season (March to June) to prevent disturbance of nesting and hatchling.		Compliant
TEC-19	During excavation, all removed topsoil will be reserved and stockpiled. Where possible, this topsoil will be reused within the same area following completion of construction to prevent complete removal of the seed bank and to allow native species to re-establish following construction.	Implemented	Compliant

Table 2-8: Water Quality & Marine Ecology Control Plan

Sr. No	Control Measures	Compliance Status	Significance
WQMC-1	Ambient salinity should not exceed the Ambient Marine Water Quality Standard.	Not Applicable	
WQMC-3	No wastes will be discharged to the marine environment without prior consent by EAD.		
WQMC-4	Waste management and storage areas should be located away from marine water or from drains that discharge to marine water.		Compliant
WQMC-5	Sewer wastewater tank to be periodically emptied and inspected for integrity in order to ensure effective transport and storage of effluents and prevent overflows and leakages and infiltration.	Proper inspection is carrying out	Compliant

Sr. No	Control Measures	Compliance Status	Significance
WQMC-6	If on-site contamination is encountered during site clearing or has been confirmed by previous soil, groundwater, marine water, or sediment analysis, EAD will be notified for further action.	It will be implemented whenever required	Compliant
WQMC-8	Ensure that artificial lighting does not spill into the marine environment to prevent impacts to turtle behavior and the unnatural aggregation of fish.	Not Applicable	
WQMC-9	Appropriate storage of hazardous materials to ensure the risk of leaks and spills is reduced to a minimum.	Hazardous material stored properly	Compliant
WQMC-10	Marine incident must be report to EAD Event where animals (e.g., dugongs, sea turtles, cetaceans) may potentially be harmed or threatened, are interfering with construction activities, or pose a safety risk to project workers. Event where an injured or dead animal is found at the project site.	Not Applicable as Project location is far away from marine environment	

Table 2-9: Chemical and Hazardous Materials Control Plan

Sr. No	Control Measures	Compliance Status	Significance
CHMC-1	A designated hazardous materials storage area will be constructed by contractors and subcontractor, within their construction area. The storage area will be constructed of impermeable lining and bunded.	Implemented	Compliant
CHMC-2	Secure fences and locked or manned access will adequately protect all sites and storage areas from theft and vandalism.	Implemented	Compliant
CHMC-3	Chemicals and hazardous materials must be stored in a container which is of sufficient strength and structural integrity to ensure that it is unlikely to burst or leak in its ordinary use.	Proper storage for materials	Compliant

Sr. No	Control Measures	Compliance Status	Significance
CHMC-4	The labelling and signage at the designated chemical storage area will be clearly written in both Arabic and English languages.	Designated areas allotted for materials	Compliant
CHMC-5	All hazardous chemical will be stored in a designated area as per MSDS requirements.	Materials are stored as per SDS	Compliant
CHMC-6	Proper access and egress will be provided at hazardous material storage area.	Implemented	Compliant
CHMC-7	The location of the chemical storage area will be away 50 m from marine environment.		
CHMC-8	Incompatible, hazardous materials must be segregated and stored separately. For example, flammable liquids and other organics must be segregated from acidic and caustic materials.	Implemented, storage as per properties	Compliant
CHMC-9	Storage areas must be constructed such that any spillage or loss of containment of a particular hazardous material type cannot spread to other material types. This is particularly important where flammable materials are involved.	Implemented	Compliant
CHMC-10	The contents of any tank will be clearly marked on the tank, and a notice displayed requiring that the valves and trigger guns be locked when not in use.	Implemented as per requirements	Compliant
CHMC-11	Leaking or empty hazardous materials drums will be labelled and removed to the hazardous waste storage area to be treated or disposed of through a Tadweer approved ESP according to MSDS.	Implemented	Compliant
CHMC-12	All construction site personnel will be trained in appropriate material handling and environmental awareness to encourage good material handling practices, spill management and incident reporting.	Proper training is provided	Compliant
CHMC-13	A Hazardous Materials Inventory and MSDS for all hazardous substances present onsite will be held onsite.	Inventory to be updated/ developed	Compliant
CHMC-14	Hazardous materials will be labelled, stored and handled as per their MSDS.	Proper storage of materials	Compliant

Sr. No	Control Measures	Compliance Status	Significance
CHMC-15	Incompatible hazardous materials will not be placed in common containment.	Proper storage of materials	Compliant
CHMC-16	Vehicle and plant refueling should be closely supervised and spill trays utilized.	Proper supervision is provided	Compliant
CHMC-17	Spill kits will be deployed in the vicinity of hazardous material storage areas and site personnel will be trained in their use.	Spill kits are provided	Compliant
CHMC-18	Spill kits will be provided at the chemical storage area. The spill kit will contain absorption pads, spill socks, PVC gloves, waste disposal bags, drum and a shovel.	Spill kits are provided	Compliant
CHMC-19	The details on the use of spill kits will be provided at the designated chemical storage area.	Implemented	Compliant

3.2 AUDIT OBJECTIVE

The objective of the Environmental Audit is to determine that effectiveness of mitigation measures in minimizing or removing environmental impacts and to identify opportunities to make recommendations for improvements in environmental performance of the project.

One of the recommendations of the CEMP is to conduct internal and external audits to review the effectiveness of the Environmental Management strategies which were committed in the CEMP. The key objectives of environmental audit are:

- To demonstrate that the construction is being carried out in full compliance with the CEMP and in accordance with the provisions of CEMP.
- To assess that the regulatory requirements related to project construction are being met by Al Hikma Building Contracting LLC To identify non-compliances and to outline suitable corrective actions

Following are other audit objectives reproduced from CEMP;

- Determine whether HBC LLC complies with all environmental performance standards, or other management requirements for their operations.
- Ensure conformity with environmental assessment requirements, and test the accuracy of the assessment.
- Organize and interpret the environmental monitoring data to establish a record of change associated with project implementation or operation.
- Verify that all or selected parameters and methods to measure environmental parameters as part of the environmental monitoring program comply with regulatory requirements, internal policies and standards, and established environmental quality performance limits.
- Assess the effectiveness of environmental management systems, practices, and procedures.
- Determine the degree and scope of necessary improvement or remedial works in case of non-compliance, or in the event that the company's environmental objectives are not achieved

3.3 AUDIT CRITERIA

The audit criteria are to assess the compliance of HBCs activities to the CEMP conditions.

The following audit criterion was used:

- CEMP Conditions
- Checklists for air quality, noise management, soil & Groundwater quality and waste management practices.

The present environmental compliance audit was conducted with the following reference criteria:

- UAE Federal regulations and standards on environmental management during construction.
- Conditions and stipulations in the Construction Environmental Permit.
- Commitments made in CEMP, including the Environmental Control Plans.

- HBC LLC and ADNOC Standard's requirements as applicable to this project.

3.4 AUDITORS & AUDITEES

AUDITOR

The 1st Environmental **Audit** was conducted by OXYGEN on 22nd January 2026 including site visit.

- Head of Environment (Mr. Iyad Alkhaldi)
- Sustainability Engineer (Ms. Yumaima Naeem)

AUDITEES

The following were subject to the audit

- HSE Engineer– HBC LLC (Damodhar Zamuni)

3.5 REFERENCE DOCUMENTS

The applicable reference documents reviewed for this audit are:

- Construction Environmental Management Plan
- Environmental Policy
- HSE Plan, Risk Assessments, Environmental Aspect – Impacts Tables etc.
- Waste Management Record
- Training Record
- Environmental Monitoring Records

4 Appendix A: TRAINING RECORDS

AL HIKMA BLDG. CONT. (L.L.C.)	**TOOL BOX TALK**	
Project: Harrow School Abu Dhabi		Date: 07/10/2025
Site No: D -353		Time: 3:30 PM
Location: Al Saadiyat Island		Shift: Day ☑ Night ☐

Environmental Awareness

- Personal safety and social responsibilities.
- Messy workplaces are full of hazards. Keeping areas clean and tidy reduces the risk of trips and falls and improves wellbeing at work.
- **Waste Management Improvements:** Compare how construction waste used to be handled (dumped or burned) vs. how recycling and reuse are promoted today.
- **Sustainable Building Practices:** Highlight the shift from traditional materials to eco-friendly options like recycled concrete, bamboo, or green roofing.
- **Water Conservation on Site:** Reflect on how water used to be wasted during construction and how modern methods save water through reuse and smart systems.
- **Energy Efficiency:** Show how old equipment consumed more fuel compared to today's energy-efficient and electric machinery.
- **Green Construction Awareness:** Recall when "green building" certifications like LEED were first introduced and how awareness has grown.
- **Dust and Pollution Control:** Compare past site practices (no dust control, open burning) with modern standards (dust barriers, sprinklers, eco-friendly fuel).
- **Machinery Maintenance Practices:** Remember how proper maintenance was once overlooked, leading to pollution — now emissions are controlled through regular checks.
- **Worker Environmental Training:** Reflect on how awareness training for workers about waste segregation, energy saving, and eco-safety has improved.
- **Site Landscaping and Restoration:** Share how earlier sites were left barren, but now focus is on restoring greenery and soil health post-construction.
- Wear and use the prescribed Personal Protective Safety Equipment. This includes foot protection, head protection, gloves, etc.

TBT to Safety + Sustainability Integration

Look back at how safety was once the only focus — now both safety and sustainability are key priorities on site.

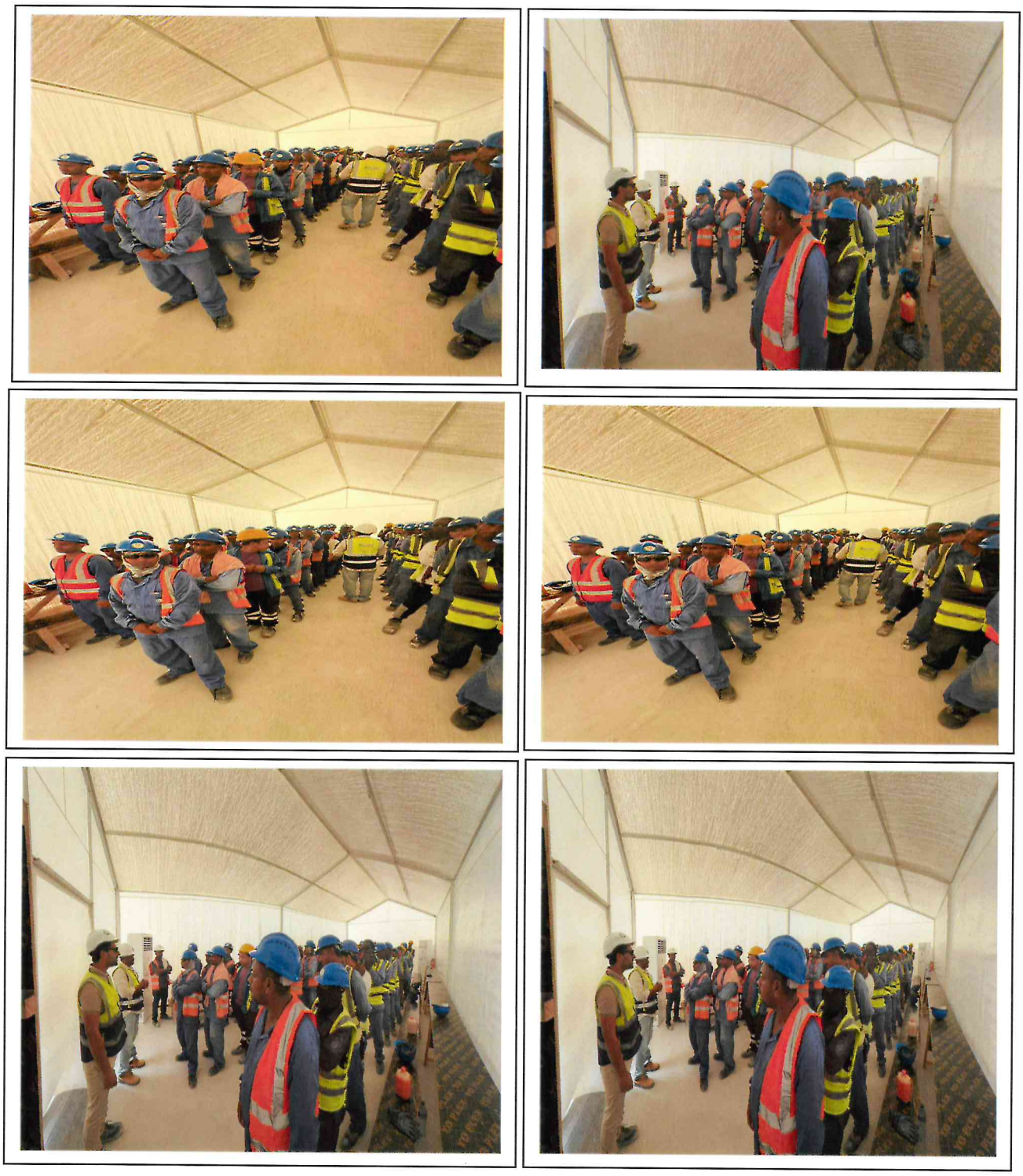
Conducted By:

Safety Representative:	**HSE Engineer**	**Project Manager/Project Engineer**	
Name:	**Mr.Damodhar Zamuni**	**Name:**	**Mr.Jiries Hani**
Signature:	.....	**Signature:**	.....

Organized in Language: **HINDI, URDU & ENGLISH**

AL HIKMA BLDG. CONT.(L.L.C.) شركة الحكمة لمقاولات البناء (ذ.م.م.) AL HIKMA BLDG. CONT.(L.L.C.)

Project Details: Harrow School Abu Dhabi-Al Saadiyat Island



Toolbox Talk Topic –Environmental Awareness Conducted by HSE Engineer and HSE Officer Date on: 07/10/2025.

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Topic: Environmental Awareness at work

Location: Al Saadiyat Abu Dhbai

Date: 07/10/2025

Time: 3:30 PM

Shift : Day ☐ Night ☐

A. .....

B. Topics and Pictures

C. are attached

D. .....

E. .....

Include Description of Topics Discussed, Picture of the talk

Sl.No	Name	Company	Designation	Signature
1	Chhathu Prasad	HBC	HS-185	
2	Narsalah Gutumukula	HBC	HS-210	
3	Venkalavedi Karuppaiah	HBC	HS-356	
4	Manikandan Mangalinkam	HBC	HS-365	
5	Rajesh Bhagat	HBC	HS-460	
6	Lovepreet Singh	HBC	HS-477	
7	Prasad Maccharla	HBC	HS-483	
8	Mular Mukhira	HBC	HS-491	
9	Deepak	HBC	HS-495	
10	Kapil	HBC	HS-496	
11	Akhtar	HBC	HS-500	
12		HBC	HS-504	
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Conducted By :

Safety Representative: HSE Enginner

Name: Lutf Ullah Khan

Signature:

Organized in Language: HINDI,URDU & ENG

Project Manager / Project Engineer

Name:

Signature:

Rev o

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date:

Time:

Shift : Day ☐ Night ☐

Topic Enviromental Awareness at work

A.

B. TOPics & Pictures

C. are attached

D.

E.

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	Shoukat Ali	HBC	HF-133	
2	Santosh Sharma	HBC	HF- 189	Sharma
3	V.Manimaran	HBC	HF-191	V. Manimaran
4	Md Jalal	HBC	HF-208	
5	Satendra Kumar	HBC	HE- 245	Satyendra Kumar
6	Karanvir Singh	HBC	HE-253	Night-Shift
7	Raju Ahmed	HBC	HP-125	
8	Avanish Kumar	HBC	HP-196	Night-Shift
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Conducted By :

Safety Representative: HSE Enginner

Name: Lutf Ullah Khan Ramudha

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jinesh Hari

Signature:

HBC
AL HIKMA BLDG. CONT (L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic: Environmental Awareness at work

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 07/10/2025

Time: 3:30 PM

Shift : Day ☐ Night ☐

A. .....

B. Topic and Pictures

C. once a attached

D. .....

E. .....

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	NJANGWA YAH WE DIAZ GHISLAIN	DYNAMO		
2	Indika Aseth	"		Indika
3	Chanaka Thilakaratne	"		
4	-- Nilantha	"		
5	Edmond MITONKURU	"		
6	MUTAKARUTIMAMA Innocent	"		
7	Ménélick IRAKOZE	"		
8	A.R. Shad	"		
9	MIHORIMBERE Byves	"		
10	KWIZERA FABRICE	"		
11	NSHIMYO James	"		
12	Gustave	"		
13	Ramzan Ali	"		
14	Sharad	"		
15	Sukh Pal	"		Sukh Pal
16	Vinod	"		RAHAT
17	Anwar Ibrahim	"		
18	Kayela Dina	"		
19	Abdul Baset	"		
20	Yohanso mosha			

Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni / Damodhar

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Vinod Hasti

Signature:

AL HIKMA BLDG. CONT (L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 07/10/2025

Time: 3:30 PM

Shift : Day ☐ Night ☐

Topic Environmental Awareness at work

A. .....

B. Topics and Pictures

C. are attached

D. .....

E. .....

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	Sirajs Mohammed	Gulf	steel fi	
2	Tebabeke Reshis	"		
3	Suroj Tamang	"		
4	Shyam Kumar Raj	"		
5	Niyousenka gurung	"		
6	Akash Moyna	"	Gulf	
7	Hayyanmain Smile	"		
8	Fuad Sharaf	G		
9	Thonga sherpa		steel fi	
10	Bikram Tamang		=	
11	Shyam Raj			
12	Yanka			
13	GN6			
14	Ursajana Andisa	Gulf	Steel	
15	Gehmeda Sohir	"	"	
16	Jaalatoo Dinao	"	"	
17	SHAHBAZ			
18	Bilal Mohamad	"	"	
19				
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Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jinie Hum

Signature:

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Topic .....

Location: Al Saadiyat Abu Dhbai

Date: 07/10/2025

Time: 3:30 PM

Shift : Day ☐ Night ☐

A. Environmental Awareness at work
B. Topics and pictures
C. are attached
D. .....
E. .....

Include Description of Topics Discussed, Picture of the talk

Sl.No	Name	Company	Designation	Signature
1	Harendra Sah	HBC	HM-526	Harendra Sah
2	Mukhdev Kumar Yadav	HBC	HM-608	MUKHDEV YADAV
3	Pyarelal Bairwa	HBC	HM-610	PYARELAL
4	Seraj Ahmed	HBC	HM-627	Seraj Malik
5	Shah Alam	HBC	HM-628	Shahalam
6	Raghuveer	HBC	HM-629	Raghu
7	Sanjay	HBC	HM-630	SANJAY
8	Asharam Bairwa	HBC	HM-637	आशाराम
9	Beerbal Bairwa	HBC	HM-638	
10	Deepak	HBC	HM-639	
11	Rajesh Kumar Bairwa	HBC	HM-640	
12	Rohtash Kumar Bairwa	HBC	HM-641	Rohtash Kumar
13	Sonu Kumar Bairwa	HBC	HM-642	Night Shift
14	Banwari Lal Bairwa	HBC	HM-650	
15	Ramesh Kumar	HBC	HM-656	Ramesh
16	Sonu Bairwa	HBC	HM-657	
17	MOHD: VASIH	HBC	609	31 Night Shift
18	SONUKUMARBAIRWA	HBC	HM-612	SONU
19	ASHOK BAIRWA	HBC	HM-609	Ashok
20	—	—	—	—

Conducted By :

Safety Representative: HSE Enginner

Name: Lutf Ullah Khan

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jinies Hari

Signature:

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic Environmental awareness at work

A.

B. topics and pictures

C. are attached

D.

E.

Include Description of Topics Discussed, Picture of the talk

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 07/10/2020

Time: 3:30pm

Shift : Day ☐ Night ☐

Sl.No.	Name	Company	Designation	Signature
1	Sandip Kumar Gupta	HBC	HH-1373	Night Shift
2	Jitendra Kuamr	HBC	HH-1379	〃
3	Samir Khan	HBC	HH-1504	Samir Khan.
4	Arvind Kumar	HBC	HH-1505	Arvind Kumar.
5	Imtiyaz Alam	HBC	HH-1506	Night Shift
6	Sushanta Das	HBC	HH-1572	Sushanta Das
7	Md Sabir	HBC	HH-1508	Night Shift
8	Shah Faisal	HBC	HH-	〃
9	Abdul Rahman	HBC	HH-1530	अब्दुरहमान
10	Golu Kumar	HBC	HH-1536	Night Shift
11	Mohmmed Islam	HBC	HH-1537	〃
12	Shahanshah Mubarak	HBC	HH-1539	〃
13	Damodar Shaw	HBC	HH-1543	〃
14	Arun Kumar	HBC	HH-1544	Arun Kumar
15	Pooran Mal Bairwa	HBC	HH-1552	PCO KHAI
16	Rajendra Bairwa	HBC	HH-1553	राजेन्द्र बैरवा
17	Vikash Kumar	HBC	HH-1555	VIKASH.
18	Santosh Kumar	HBC	HH-1510	Night Shift
19	MOHD. VASIK	HBC	HH1538	
20		1531	1531	

Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar

Signature:

Organized in Language: HINDI,URDU & ENG

Project Manager / Project Engineer

Name: Jiries Hani

Signature:

Rev o

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic: Environmental Awareness at work

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 09/10/2025

Time: 3:30 Pm

Shift : Day ☐ Night ☐

A.

B. TOPics & Pictures

C. are attached

D.

E.

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	Santhosh Yerukala	HBC	HC-389	Not attended
2	Dinesh Chauhan	HBC	HC-577	Not attended
3	Nakul Kumar	HBC	HC-633	Nakul Kumar
4	Nagendra Singh	HBC	HC-632	Nagendra Singh
5	Rajendra Kumar	HBC	HC644	
6			C46	
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Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani

Signature:

AL HIKMA BLDG. CONT. (L.L.C.)	WEEKLY TOOL BOX TALK	
Project: Harrow School Abu Dhabi		Date: 11/11/2025
Site No: 353		Time: 3:30 PM
Location: Al Saadiyat Island – Abu Dhabi		Shift: Day ☑ Night ☐

TOPIC DISCUSSED - No SMOKING POICY

- **Purpose:**
- Ensure safety on-site by reducing fire hazards associated with smoking.
- Promote a healthy work environment for all workers and visitors.
- **Scope:** Applies to all construction workers, contractors, subcontractors, visitors, and vendors.
- **Policy Statement:**
- Smoking is strictly prohibited inside all buildings, structures under construction, storage areas, and near flammable materials.
- E-cigarettes and vaping devices are also prohibited in these areas.
- **Designated Smoking Areas:**
- Smoking is allowed only in clearly marked and safe outdoor areas, away from flammable materials and heavy machinery.
- Proper disposal bins for cigarette butts must be provided and used.
- **Compliance:**
- All personnel must follow the policy at all times.
- Supervisors will monitor compliance and report violations immediately.
- **Consequences of Violation:**
- Non-compliance may result in warnings, fines, or removal from the site depending on severity.
- Repeated violations may lead to termination of contract or employment.
- **Support and Awareness:**
- Safety briefings and site orientations will include information about the No Smoking policy.
- Smoking cessation resources may be offered to interested personnel.
- **Enforcement:**
- Site safety officers and supervisors are responsible for enforcing this policy.
- Any unsafe practices or violations should be reported immediately.

Conducted By:

Safety representative:	**HSE Engineer**	**Project Manager /Project Engineer**
Name:	**Mr. Damodhar / Lutf Ulla**	**Name: Mr. Jiries Hani / Ibrahim**
Signature:	.....	**Signature:**.....

Organized in Language: **HINDI, URDU & ENGLISH**

AL HIKMA BLDG. CONT. (L.L.C.)

شركة الحكمة لمقاولات البناء (ذ.م.م.)
AL HIKMA BLDG. CONT. (L.L.C.)

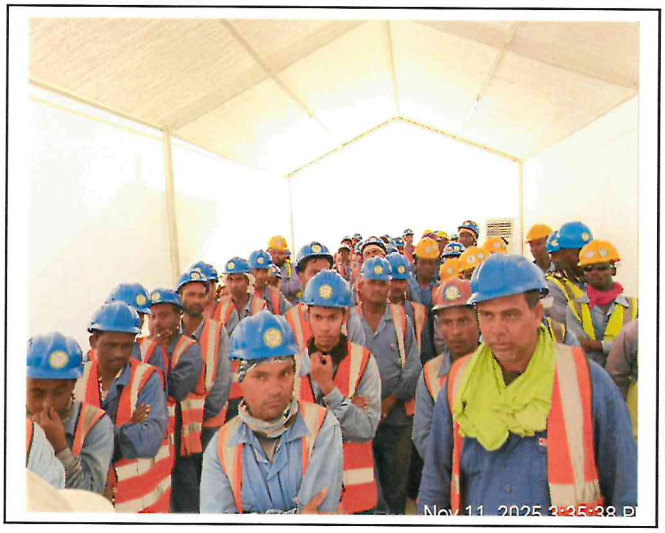
Project Details: Harrow School Abu Dhabi – Al Saadiyat Island

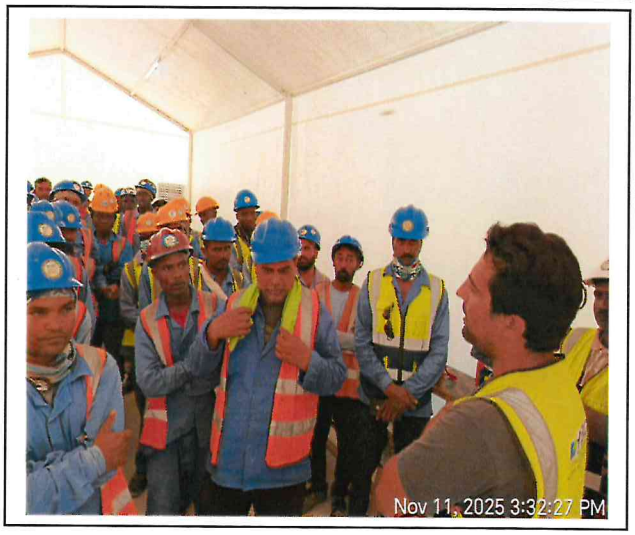












Toolbox Talk Topic –No Smoking Policy Conducted by HSE Engineer with foreman Date On: 11/11/2025.

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic NO Smoking Policy

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 11.11.2025

Time: 03:30 pm

Shift : Day ☑ Night ☐

A. .....

B. TOPICS & Pictures

C. are attached

D. .....

E. .....

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	Kamal Tur	BCC	Helper	
2	Mudin Behon		"	
3	Kedir Aman	B.C.C	"	
4	Munadom	Salica	"	
5	Gena Bbaram	BCC	"	
6	Abdisa Tujabu	BCC	"	
7	Abdi Workolo	B.C.C	"	
8	Getur	B.C.C	"	
9	Jafjin	BCC	"	
10	Dineshkumarsah	B.C.C.	"	
11	Bijay Kumar	B.C.C	"	
12	Richard	B.C.C	"	
13	[illegible]		"	
14	TANVIL		"	
15	Getachew Lulu	BCC	"	
16	DEREJE KEBEDE	B.C.C	"	
17	Minaljo Sitow	BCC	"	
18	Yohanes	BCC	"	
19	Ayub Mohamed	BCC	"	
20	Adoo dube	BCC	"	

Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni /Lutf Uallh

Signature:

Organized in Language: HINDI,URDU & ENG

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

Rev o

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic No Smoking policy

A.
B. Topics & picture are attached
C.
D.
E.

Include Description of Topics Discussed, Picture of the talk

Project: Harrow School Abu Dhabi -HS -353
Location: Al Saadiyat Abu Dhbai
Date: 11.11.2025
Time: 03:30 Pm
Shift : Day ☑ Night ☐

Sl.No	Name	Company	Designation	Signature
1	Chhathu Prasad	HBC	HS-185	
2	Narsalah Gutumukula	HBC	HS-210	
3	Venkalavedi Karuppaiah	HBC	HS-356	
4	Manikandan Mangalinkam	HBC	HS-365	
5	Rajesh Bhagat	HBC	HS-460	
6	Lovepreet Singh	HBC	HS-477	
7	Prasad Maccharla	HBC	HS-483	
8	Mular Mukhira	HBC	HS-491	
9	Deepak	HBC	HS-495	
10	Kapil	HBC	HS-496	
11	Akhtar	HBC	HS-500	
12		HBC	HS 504	
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Conducted By :

Safety Representative: HSE Enginner
Name: Dhamodhar / Lutf Ullah
Signature:
Organized in Language: HINDI,URDU & ENG

Project Manager / Project Engineer
Name: Jiries Hani / Ibrahim
Signature:

Rev o

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 11.11.2025

Time: 03:30 PM

Shift : Day ☐ Night ☐

Topic No. Smoking Policy

A. Topics & Picture are attached

B.

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E.

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	[illegible]	HBC	HH-1570	[signature]
2	[illegible]	HBC	HH1575	[signature]
3	MOHD: WASIM	HBC	HH1538	[signature]
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Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni /Lutf Uallh

Signature: [signature]

Organized in Language: HINDI,URDU & ENG

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature: [signature]

Rev o

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 11.11.2025

Time: 03:30 pm

Shift : Day ☑ Night ☐

Topic No Smoking policy

A. Topics & picture

B. doc. attached

C.

D.

E.

Include Description of Topics Discussed, Picture of the talk

Sl.No	Name	Company	Designation	Signature
1	Edmond MIYONKUEN	DYNAMO		
2	Innocent NTAGARUTIMANA	"		
3	Mérélisa IRAKOZE	"		
4	Eslem HABIMANA	"		
5	Kwizera Fabrice	"		
6	MIHOMBERE yves	"		
7	AR [illegible]	"	carpenter	
8	NSAYISENGA Gustave	"		
9	MAHAGO James	"		
10	Indika	"	"	Indika
11	Chander Bhalla	"		Chandra Bhalla
12	YATHWECHAKOMA DIAZ	"	21	
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Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni /Lutf Uallh

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic No Smoking policy

A. Topics & picture are attached
B.
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E.

Include Description of Topics Discussed, Picture of the talk

Project: Harrow School Abu Dhabi -HS -353
Location: Al Saadiyat Abu Dhbai
Date: 11.11.2025
Time: 03:30 pm
Shift : Day ☐ Night ☐

Sl.No.	Name	Company	Designation	Signature
1	Sandip Kumar Gupta	HBC	HH-1373	Sandip
2	Jitendra Kuamr	HBC	HH-1379	
3	Samir Khan	HBC	HH-1504	Samir Khan
4	Arvind Kumar	HBC	HH-1505	Arvind kumar.
5	Imtiyaz Alam	HBC	HH-1506	Imtiyaz Alam
6	Sushanta Das	HBC	HH-1572	Sushanta Das
7	Md Sabir	HBC	HH-1508	साबिर
8	Shah Faisal	HBC	HH-	
9	Abdul Rahman	HBC	HH-1530	अब्दुर्रहमान
10	Golu Kumar	HBC	HH-1536	गोलू
11	Mohmmed Islam	HBC	HH-1537	
12	Shahanshah Mubarak	HBC	HH-1539	
13	Damodar Shaw	HBC	HH-1543	Dam
14	Arun Kumar	HBC	HH-1544	Arun Kumar
15	Pooran Mal Bairwa	HBC	HH-1552	POORAN
16	Rajendra Bairwa	HBC	HH-1553	Rajendra
17	Vikash Kumar	HBC	HH-1555	VIKASH KUMAR
18	Santosh Kumar	HBC	HH-1510	संतोष कुमार
19	[illegible]		HH-1573	
20	ABHI	HBC	HH-1572	CH. ABHI

Conducted By :

Safety Representative: HSE Enginner
Name: Damodhar / Lutf Ullah
Signature:
Organized in Language: HINDI,URDU & ENG

Project Manager / Project Engineer
Name: Jiries Hani / Ibrahim
Signature:

Rev o

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic No Smoking policy

A. Topics & picture are attached
B.
C.
D.
E.

Include Description of Topics Discussed, Picture of the talk

Project: Harrow School Abu Dhabi -HS -353
Location: Al Saadiyat Abu Dhbai
Date: 11.11.2025
Time: 03:30 pm
Shift : Day ☑ Night ☐

Sl.No.	Name	Company	Designation	Signature
1	Harendra Sah	HBC	HM-525	Harendra Sah
2	Mukhdev Kumar Yadav	HBC	HM-608	मुकेश यादव
3	Pyarelal Bairwa	HBC	HM-610	PYARELAL BAIRWA
4	Seraj Ahmed	HBC	HM-627	Seraj
5	Shah Alam	HBC	HM-628	
6	Raghuveer	HBC	HM-629	
7	Sanjay	HBC	HM-630	Sanjay
8	Asharam Bairwa	HBC	HM-637	आशाराम
9	Beerbal Bairwa	HBC	HM-638	बीरबल बैरवा
10	Deepak	HBC	HM-639	दीपक
11	Rajesh Kumar Bairwa	HBC	HM-640	Rajesh
12	Rohtash Kumar Bairwa	HBC	HM-641	Rohtash
13	Sonu Kumar Bairwa	HBC	HM-642	सोनू
14	Banwari Lal Bairwa	HBC	HM-650	
15	Ramesh Kumar	HBC	HM-656	
16	Sonu Bairwa	HBC	HM-658	सोनू
17	ASOK	HBC	HM-659	
18	Sonu KUMAR	HBC	HM-612	
19	[illegible]	HBC.	HM-643	Sonu Prakash
20	[illegible]	HBC.	HBC1511	

Conducted By :

Safety Representative: HSE Enginner
Name: Dhamodhar Zamuni / Lutf Uallh
Signature:
Organized in Language: HINDI,URDU & ENG

Project Manager / Project Engineer
Name: Jiries Hani / Ibrahim
Signature:

Rev o

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic No Smoking policy

A. Topics & picture are attached

B.

C.

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E.

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 11.11.2025

Time: 03:30 pm

Shift : Day ☐ Night ☐

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	Shoukat Ali	HBC	HF-133	Shoukat
2	Santosh Sharma	HBC	HF- 189	Sharma
3	V.Manimaran	HBC	HF-191	Mani
4	Md Jalal	HBC	HF-	
5	Satendra Kumar	HBC	HE- 245	Satyendra
6	Karanvir Singh	HBC	HE-253	Karanvir
7	Raju Ahmed	HBC	HP-125	Raju
8	Avanish Kumar	HBC	HP-196	Avnish
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Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar / Lutf Ullah

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic No Smoking policy

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 11.11.2025

Time: 03:30 pm

Shift : Day ☑ Night ☐

A.

B. Topics & picture are attached

C.

D.

E.

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	Santhosh Yerukala	HBC	HC-389	
2	Dinesh Chauhan	HBC	HC-577	DINESH
3	Nakul Kumar	HBC	HC-633	Nakul Kumar
4	Nagendra Singh	HBC	HC-632	Nagendra Singh
5	Ravindra Kumar	HBC	HC 644	
6	Jaiman Pradhan mia	HBC	HC 646	
7	P. Vinay	HBC	HC 642	P. Vinay
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Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar / Lutf Uallh

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 11.11.2025

Time: 03:30 pm

Shift : Day ☐ Night ☐

Topic No Smoking policy

A.

B. Topics & picture are attached

C.

D.

E.

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	NDAYISHIMIYE Bertrand	Gulf Way		
2	HAVYARIMANA Emile	"		
3	BINEZAYIMANA Godlieb	"		
4	Khalid Abdullah	"		
5	Jaalataa Diinaa	"		
6	NIYONKURU Jean Claude	"		
7	Gelmesa	"		
8	Yohanis mastir	"		
9	Asaul Garry			
10				
11	Wagaane Amdesa	Gulfaway		
12	NIYONSENGA Justin	"		
13	Anwar Ibrahim	Gulf	Site Picture	
14	Shankar M	"	"	
15	Bikram Tomang	Gulf	SIL	
16	Ahmed Wayesa	Gulf	"	
17	[illegible]			
18	Tojaa Tolasa			
19	Suraj Tamang	Gulf way	helper	
20	Shyam kumar Rai	"	"	

Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni /Lutf Uallh

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

Tool Box Talk Attendance Sheet

HBC AL HIKMA BLDG. CONT. (L.L.C.)

HBC-HSE-FM-005

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 11.11.2025

Time: 03:30 pm

Shift : Day ☑ Night ☐

Topic No Smoking policy

A. Topics & picture are attached

B.

C.

D.

E. —

Include Description of Topics Discussed, Picture of the talk

Sl.No.	Name	Company	Designation	Signature
1	LAWRENCE KANYIKE	BBC		
2	Philip K. Fia	BCC		
3	ERIC SIBOMANA	B-L-C		
4	Lionel Joppin	B.C.C		
5	Adam Musa	BCC		
6	Abdulbasit Abdullim	G.L	HST	
7				
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16				
17				
18				
19				
20				

Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni /Lutf Uallh

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

AL HIKMA BLDG. CONT.(L.L.C.)	**TOOL BOX TALK**	
Project: Harrow School Abu Dhabi		Date: 29/11/2025
Site No: D -353		Time: 11:51 PM
Location: Al Saadiyat Island		Shift: Day ☐ Night ☐

TOPIC DISCUSSED

Chemical Spillage on Workplace

- Personal safety and social responsibilities.
- Today's focus: Safe handling of chemicals and response to chemical spills.
- Importance: Protecting yourself, coworkers, and the environment
- Human error (e.g., improper pouring or transferring).
- Equipment failure (leaking containers, broken valves).
- Improper storage (unstable stacking, incompatible chemicals).
- Health risks: burns, inhalation hazards, poisoning.
- Fire or explosion risk (depending on chemical).
- Environmental contamination (soil, water, wildlife).
- Alert everyone in the area.
- Evacuate if necessary.
- Notify the supervisor or safety officer.
- Restrict access to the spill area.
- Wear proper PPE (gloves, goggles, respirators).
- Use absorbents, neutralizers, or spill kits.
- Avoid spreading the chemical; contain it immediately.
- Dispose of waste according to safety guidelines.
- Know emergency contacts and first aid measures.
- Have eyewash stations and safety showers accessible.
- Report the incident as per company policy.
- Proper labeling and storage of chemicals.
- Regular inspection of containers and equipment.
- Adequate staff training on chemical handling.
- Maintain spill kits and PPE at all times.

Conducted By:

Safety Representative:	**HSE Engineer**	**Project Manager/Project Engineer**
Name:	**Mr.DAMODHAR / LUTFUALLH**	**Name: Mr. JIRIES HANI / IBRAHIM**
Signature:	.....	**Signature:**.....

Organized in Language: **HINDI, URDU & ENGLISH**

AL HIKMA BLDG. CONT. (L.L.C.)

شركة الحكمة لمقاولات البناء (ذ.م.م.)
AL HIKMA BLDG. CONT. (L.L.C.)

Project Details: Harrow School Abu Dhabi-Al Saadiyat Island



Toolbox Talk Topic –Chemical Spillage on Workplace Conducted by HSE Engineers On: 29/11/2025.

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic: Chemical Spillage at workplace

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 29/11/2025

Time: 11:57 am

Shift : Day ☑ Night ☐

A.

B. TOPICS Pictures are

C. attached

D.

E.

Include Description of Topics Discussed, Picture of the talk

Quemical Mitting

Sl.No.	Name	Company	Designation	Signature
1	ERIC SIBOMANA	B.C.C		
2	NIYONGUTI Jean Claude	GDI Pkg		
3	Landry WILLIAMS	Guilway		
4	ESLON HABIMANA	DYNAMO		
5	Board 25/2/21	HBC	HST	MULAR
6	Abdulhasit Abrolwa	G.F	Hist	
7	Baleta Diina	G.F		
8	Abid ALI	HBC	HM	
9	Ashok	HBC		Ashok
10	Sonu KUMAR	HBC		
11	Rajesh	HBC		Rajesh
12	MOHD: WASIM	HBC	H-H	
13	Asha Ram	HBC	H.M	
14	Santosh KUMAR	H.B.C	H-H	Santosh KUMAR
15	V. Venkatavaraj Varuppiah	HBC	HS	
16				
17				
18				
19				
20				

Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni / Lutf Ullah

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

AL HIKMA BLDG. CONT.(L.L.C.)	**TOOL BOX TALK**	
Project: Harrow School Abu Dhabi		Date: 29/11/2025
Site No: D -353		Time: 11:51 PM
Location: Al Saadiyat Island		Shift: Day ☐ Night ☐

TOPIC DISCUSSED

Chemical Spillage on Workplace

- Personal safety and social responsibilities.
- Today's focus: Safe handling of chemicals and response to chemical spills.
- Importance: Protecting yourself, coworkers, and the environment
- Human error (e.g., improper pouring or transferring).
- Equipment failure (leaking containers, broken valves).
- Improper storage (unstable stacking, incompatible chemicals).
- Health risks: burns, inhalation hazards, poisoning.
- Fire or explosion risk (depending on chemical).
- Environmental contamination (soil, water, wildlife).
- Alert everyone in the area.
- Evacuate if necessary.
- Notify the supervisor or safety officer.
- Restrict access to the spill area.
- Wear proper PPE (gloves, goggles, respirators).
- Use absorbents, neutralizers, or spill kits.
- Avoid spreading the chemical; contain it immediately.
- Dispose of waste according to safety guidelines.
- Know emergency contacts and first aid measures.
- Have eyewash stations and safety showers accessible.
- Report the incident as per company policy.
- Proper labeling and storage of chemicals.
- Regular inspection of containers and equipment.
- Adequate staff training on chemical handling.
- Maintain spill kits and PPE at all times.

Conducted By:

Safety Representative:	**HSE Engineer**	**Project Manager/Project Engineer**
Name:	**Mr.DAMODHAR / LUTFUALLH**	**Name: Mr. JIRIES HANI / IBRAHIM**
Signature:	.....	**Signature:**.....

Organized in Language: **HINDI, URDU & ENGLISH**

AL HIKMA BLDG. CONT. (L.L.C.)

شركة الحكمة لمقاولات البناء (ذ.م.م.)
AL HIKMA BLDG. CONT. (L.L.C.)

Project Details: Harrow School Abu Dhabi-Al Saadiyat Island



Toolbox Talk Topic –Chemical Spillage on Workplace Conducted by HSE Engineers On: 29/11/2025.

HBC
AL HIKMA BLDG. CONT.(L.L.C.)

Tool Box Talk Attendance Sheet

HBC-HSE-FM-005

Topic: Chemical Spillage at workplace

Project: Harrow School Abu Dhabi -HS -353

Location: Al Saadiyat Abu Dhbai

Date: 29/11/2025

Time: 11:57 am

Shift : Day ☑ Night ☐

A.

B. TOPICS Pictures are

C. attached

D.

E.

Include Description of Topics Discussed, Picture of the talk

Quemical Mitting

Sl.No.	Name	Company	Designation	Signature
1	ERIC SIBOMANA	B.C.C		
2	NIYONGUTI Jean Claude	GDI Pkg		
3	Landry WILLIAMS	Guilway		
4	ESLON HABIMANA	DYNAMO		
5	Board 25/2/21	HBC	HST	MULAR
6	Abdulhasit Abrolwa	G.F	Hist	
7	Baleta Diina	G.F		
8	Abid ALI	HBC	HM	
9	Ashok	HBC		Ashok
10	Sonu KUMAR	HBC		
11	Rajesh	HBC		Rajesh
12	MOHD: WASIM	HBC	H-H	
13	Asha Ram	HBC	H.M	
14	Santosh KUMAR	H.B.C	H-H	Santosh KUMAR
15	V. Venkatavaraj Varuppiah	HBC	HS	
16				
17				
18				
19				
20				

Conducted By :

Safety Representative: HSE Enginner

Name: Damodhar Zamuni / Lutf Ullah

Signature:

Organized in Language: HINDI,URDU & ENG

Rev o

Project Manager / Project Engineer

Name: Jiries Hani / Ibrahim

Signature:

5 Appendix B: NOISE MONITORING REPORT

HBC	INTEGRATED MANAGEMENT SYSTEM	Effective Date: 11-02-2026
	Document Title: NOISE MONITORING	Document Code: HBC-HSE-HSAD-IMS-40
		Rev. No. 0 / Page No. 1 of 1

Name of Assessor	Damodhar Zamuni		Activity / Machine Name	Power Grinder and Moving Machines
Position	HSE Engineer		Date of Assessment	11/02/2026
Machine Name	Tekneka 450 Mini Sound Level Meter		Calibration Date	N/V
Assessment Type	☒Initial	☐Regular	Other	N/V

Section A: Noise

Range	Time	Readings (dB)
2 meters from source	9 am	N/V
	12 pm	81.6
	3 pm	86.04
5 meters from source	9 am	N/V
	12 pm	74.7
	3 pm	81.8
10 meters from source	9 am	N/V
	12 pm	65.4
	3 pm	72.3
20 meters from source	9 am	N/V
	12 pm	62.8
	3 pm	64.3
30 meters from source	9 am	N/V
	12 pm	61.7
	3 pm	54.5



S/N:2502169532

Section B: After Control Measures

Range	Time	Readings (dB)	Machine Details	
2 meters from source	9 am	N/V	Type	☐Fixed ☒Portable
	12 pm	54.3		
	3 pm	56.7		
5 meters from source	9 am	N/V		
	12 pm	50.7		
	3 pm	55.7	Energy	☐Electrical (220/110) ☒Batteries
10 meters from source	9 am	N/V		
	12 pm	49.6		
	3 pm	52.3		
20 meters from source	9 am	N/V		
	12 pm	46.2	Manufacturers Details	Tekneka-450-2502169532
	3 pm	53.3		
30 meters from source	9 am	N/V		
	12 pm	55.8		
	3 pm	52.6		

Note:
Section A: All column must be filled. Tick Initial (Assessment Type) for first assessment of any source. All source of noise generator needs at least one Initial assessment and monthly (regular) assessment.
Section B: Take reading of same source on different time and location
Section C: Take readings again after control measures as per risk assessment on different time and location

HBC شركة الحكمة لمقاولات البناء (ذ.م.م.)
AL HIKMA BLDG. CONT. (L.L.C.)

Project Details: Harrow School Abu Dhabi – Al Saadiyat Island



Monitored construction site noise levels at Harrow School Abu Dhabi using a decibel sound meter, analyzing data to evaluate the impact and help maintain an optimal learning environment.

6 Appendix C: WASTE LOG & MANIFEST

Harrow International School
PROJECT WASTE LOG

Transport agency:			ONYX GENERAL TRANSPORTING L.L.C	SUMMARY		
Transport agency:			ONYX GENERAL TRANSPORTING L.L.C	Recycled %		61.03%
Concrete Recycling Agency:			ABUDHABI CONSTRUCTION AND DEMOLISATION RECYCLING PLA	Total Waste		3225860
Wood Recycling Agency& paper,carboard:			AL DHAFRA LANDFILL&AL MAFRAQ TRANSFER STATION	T. Recycled		1968900
Landfill:			AL DHAFRA LANDFILL	T. Landfilled		1256960

Waste Transfer Reciept no	Weighted Date:	Date of Waste Delivery	Truck no	Recycle (kg)						Landfill (kg)
				Concrete	Wood	Metal	Plastic	Excavated	Paper	
11773720	01/09/2025	01/09/2025	90024	16080						
11778363	02/09/2025	02/09/2025	91971	37020						
11778442	02/09/2025	02/09/2025	59311							14340
11778444	02/09/2025	02/09/2025	70937	27380						
11778446	02/09/2025	02/09/2025	90024							35200
11778457	02/09/2025	02/09/2025	4408							40000
11778460	02/09/2025	02/09/2025	98877	31400						
11782125	03/09/2025	03/09/2025	91971							43120
11782203	03/09/2025	03/09/2025	98877							44540
11782206	03/09/2025	03/09/2025	98877	39360						
11782215	03/09/2025	03/09/2025	81326	26300						
11782219	03/09/2025	03/09/2025	81326	32040						

11782223	03/09/2025	03/09/2025	81326	33420						
11882091	04/10/2025	04/10/2025	81326	28520						
11790231	06/09/2025	06/09/2025	90024							42620
11888023	06/10/2025	06/10/2025	91971	25760						
11888032	06/10/2025	06/10/2025	90024							34420
11888033	06/10/2025	06/10/2025	70937	29040						
11888035	06/10/2025	06/10/2025	38550							40780
11889512	07/10/2025	07/10/2025	69386							38420
11889516	07/10/2025	07/10/2025	4408							45660
11889520	07/10/2025	07/10/2025	98877	34180						
11889527	07/10/2025	07/10/2025	91971	26540						
11799946	10/09/2025	10/09/2025	70937							43760
11799977	10/09/2025	10/09/2025	98877							43700
11799999	10/09/2025	10/09/2025	81326							39080
11815677	12/09/2025	12/09/2025	81326	30760						
11815681	12/09/2025	12/09/2025	91971	34040						
11815686	12/09/2025	12/09/2025	57665							35760
11815690	12/09/2025	12/09/2025	70937							42760
11815723	12/09/2025	12/09/2025	90024							43620
11815725	12/09/2025	12/09/2025	81326							37060
11815796	12/09/2025	12/09/2025	38550							40780
11827455	17/09/2025	17/09/2025	69386							38420
11827459	17/09/2025	17/09/2025	98877							44100
11827460	17/09/2025	17/09/2025	57665							42960
11827464	17/09/2025	17/09/2025	70937							43760
11827480	17/09/2025	17/09/2025	98877							49700
11828058	17/09/2025	17/09/2025	81326							39080
11828221	17/09/2025	17/09/2025	38550							32580

11828231	17/09/2025	17/09/2025	69386							39420
11828234	17/09/2025	17/09/2025	73363							45560
11828241	17/09/2025	17/09/2025	57665							45960
11833415	19/09/2025	19/09/2025	81326	34880						
11864023	29/09/2025	29/09/2025	90024							35420
11864027	29/09/2025	29/09/2025	81326	35340						
11864206	29/09/2025	29/09/2025	91971							48620
11864351	29/09/2025	29/09/2025	70937							45760
11914174	15/10/2025	15/10/2025	90024	44620						
11914182	15/10/2025	15/10/2025	91971	43500						
11914184	15/10/2025	15/10/2025	98877	39140						
11914189	15/10/2025	15/10/2025	92906	34340						
11914195	15/10/2025	15/10/2025	92906	27560						
11914196	15/10/2025	15/10/2025	92906	23680						
12064748	13/11/2025	13/11/2025	39728	30380						
12126849	27/11/2025	27/11/2025	70937	43580						
12126850	27/11/2025	27/11/2025	90024	37220						
12126851	27/11/2025	27/11/2025	98877	39140						
12126852	27/11/2025	27/11/2025	81326	40240						
12126853	27/11/2025	27/11/2025	70937	43580						
12126854	27/11/2025	27/11/2025	91971	43120						
12126856	27/11/2025	27/11/2025	90024	42620						
12126857	27/11/2025	27/11/2025	98877	46440						
12126858	27/11/2025	27/11/2025	81326	45340						
12126859	27/11/2025	27/11/2025	4408	42660						
12126860	27/11/2025	27/11/2025	98877	44440						
12126893	27/11/2025	27/11/2025	81326	45340						
12126995	27/11/2025	27/11/2025	76253	44940						

12127029	27/11/2025	27/11/2025	91971	42120						
12127060	27/11/2025	27/11/2025	90024	41620						
12127071	27/11/2025	27/11/2025	70937	43580						
12127314	27/11/2025	27/11/2025	4408	42660						
12127318	27/11/2025	27/11/2025	57665	41340						
12127320	27/11/2025	27/11/2025	90024	42620						
12127326	27/11/2025	27/11/2025	91971	42120						
12127328	27/11/2025	27/11/2025	70937	44580						
12127362	27/11/2025	27/11/2025	98877	44440						
12127377	27/11/2025	27/11/2025	81326	46340						
12127484	27/11/2025	27/11/2025	73363	49200						
12127487	27/11/2025	27/11/2025	4408	44660						
12127493	27/11/2025	27/11/2025	76253	43940						
12127498	27/11/2025	27/11/2025	57092	36200						
12127503	27/11/2025	27/11/2025	86212	39540						
				1968900	0	0	0	0	0	1256960

Manifest Number: 12127029

Manifest Date: 27/11/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
91971a

License Plate No.
91971

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	42120	Kg

Manifest Number: 12127314

Manifest Date: 27/11/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
HAMZA

License Plate No.
4408

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	42660	Kg

Manifest Number: 12127503

Manifest Date: 27/11/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
BAKHTAR ULLAH

License Plate No.
86212

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	39540	Kg

Manifest Number: 12127377

Manifest Date: 27/11/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
JANGI

License Plate No.
81326

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	46340	Kg



ALSUWEIDI HBC OXYGEN

Harrow International School
PROJECT WASTE LOG

Transport agency:	ONYX GENERAL TRANSPORTING L.L.C	SUMMARY		
Transport agency:	ONYX GENERAL TRANSPORTING L.L.C	Recycled %		100.00%
Concrete Recycling Agency:	ABUDHABI CONSTRUCTION AND DEMOLISATION RECYCLING PLANT	Total Waste		2100240
Wood Recycling Agency& paper,cart	AL DHAFRA LANDFILL&AL MAFRAQ TRANSFER STATION	T. Recycled		2100240
Landfill:	AL DHAFRA LANDFILL	T. Landfilled		0

Waste Transfer Reciept no	Weighted Date:	Date of Waste Delivery	Truck no	Recycle (kg)						Landfill (kg)
				Concrete	Wood	Metal	Plastic	Excavated	Paper	
12198793	16-Dec-25	16-Dec-25	21315	45940						
12198800	16-Dec-25	16-Dec-25	86212	39540						
12198802	16-Dec-25	16-Dec-25	98877	47440						
12198803	16-Dec-25	16-Dec-25	8326	45340						
12198804	16-Dec-25	16-Dec-25	57092	42300						
12198805	16-Dec-25	16-Dec-25	86212	46840						
12198806	16-Dec-25	16-Dec-25	91971	42120						
12198807	16-Dec-25	16-Dec-25	70937	42580						
12198808	16-Dec-25	16-Dec-25	13091	29120						
12198809	16-Dec-25	16-Dec-25	70937	37280						
12198810	16-Dec-25	16-Dec-25	9171	43120						
12198811	16-Dec-25	16-Dec-25	73363	32220						
12198812	16-Dec-25	16-Dec-25	37508	37600						
12198813	16-Dec-25	16-Dec-25	70937	42580						
12199030	16-Dec-25	16-Dec-25	57092	42300						
12199031	16-Dec-25	16-Dec-25	81326	38940						
12199040	16-Dec-25	16-Dec-25	98877	46440						
12199041	16-Dec-25	16-Dec-25	86212	45840						
12199042	16-Dec-25	16-Dec-25	90024	42620						
12199043	16-Dec-25	16-Dec-25	70937	45580						

12199044	16-Dec-25	16-Dec-25	91971	42120						
12199045	16-Dec-25	16-Dec-25	68121	38640						
12199048	16-Dec-25	16-Dec-25	81326	44340						
12199050	16-Dec-25	16-Dec-25	98877	45440						
12199051	16-Dec-25	16-Dec-25	57092	42300						
12199054	16-Dec-25	16-Dec-25	98877	39140						
12199055	16-Dec-25	16-Dec-25	57092	36000						
12236619	29-Dec-25	29-Dec-25	81326	46340						
12236620	29-Dec-25	29-Dec-25	86212	23920						
12236622	29-Dec-25	29-Dec-25	91971	44120						
12236624	29-Dec-25	29-Dec-25	70937	37280						
12236625	29-Dec-25	29-Dec-25	90024	42620						
12236626	29-Dec-25	29-Dec-25	70937	37280						
12236628	29-Dec-25	29-Dec-25	70937	37280						
12236629	29-Dec-25	29-Dec-25	41620	41620						
12236630	29-Dec-25	29-Dec-25	91971	36820						
12236631	29-Dec-25	29-Dec-25	81326	43340						
12236632	29-Dec-25	29-Dec-25	57092	36000						
12236633	29-Dec-25	29-Dec-25	86212	376040						
12236634	29-Dec-25	29-Dec-25	98877	39140						
12236635	29-Dec-25	29-Dec-25	57665	42340						
12236637	29-Dec-25	29-Dec-25	73363	44300						
12236638	29-Dec-25	29-Dec-25	68121	45940						
12270463	8-Jan-26	8-Jan-26	47085				2140			
				2098100	0	0	2140	0	0	0
			tonnes	2098.1	0	0	2.14	0	0	0

Manifest Number: 12199055

Manifest Date: 16/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
57092

License Plate No.
57092

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	36000	Kg

Manifest Number: 12236619

Manifest Date: 29/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
JANGI

License Plate No.
81326

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	46340	Kg

Manifest Number: 12236620

Manifest Date: 29/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
BAKHTAR ULLAH

License Plate No.
86212

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	23920	Kg

Manifest Number: 12236622

Manifest Date: 29/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
91971a

License Plate No.
91971

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	44120	Kg

Manifest Number: 12198793

Manifest Date: 16/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
Rahim

License Plate No.
21315

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	45940	Kg

Manifest Number: 12198800

Manifest Date: 16/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
BAKHTAR ULLAH

License Plate No.
86212

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	39540	Kg

Manifest Number: 12236632

Manifest Date: 29/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
57092

License Plate No.
57092

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	36000	Kg

Manifest Number: 12236626

Manifest Date: 29/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
70937a

License Plate No.
70937

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	37280	Kg

Manifest Number: 12236637

Manifest Date: 29/12/2025

Part 1 : Waste Producer

Producer Name :
AL HIKMA BUILDING CONTRACTING L.L.C - ABU DHABI BRANCH

Wastes Location :
SADIYAT ISLAND

Trade License Number
CN-1169899

Mobile No.
+ 971 (50) 656 7867

Email
hbcmail@hbc.ae

Collection Point Address :Street Name / No. SADIYAT AL HARROW SCHOOL

CityAbu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	0	Kg

Part 2 : Waste Transporter

Company Name
JABAL SPINWAM GENERAL TRANSPORT

Trade License Number
CN-2740408

Driver Name
NAJIB ULLAH

License Plate No.
73363

Phone No.
+ 971 (2) 553 8223

Part 3 : Storage Company

Facility : Al Dhafra Landfill

City : Abu Dhabi

Waste Description	Physical State	Quantity	Unit Of Measurment
Concrete Waste	Solid	44300	Kg

7 Appendix D: AUDIT CLOSEOUT REPORT

CEM AUDIT SITE INSPECTION CLOSEOUT REPORT

Reference Number	OXAD-C2566-C-HBC-WB-CEMP-Q1-001	**Contractor/Response by**	Al Hikma building contracting llc
Inspection Date/Time		**Inspection Closeout Date**	29-01-2026

Sl. No.	Findings	Corrective Action Taken	Close Out Date	Evidence Photographs (If Available)
1	Improve dust suppression measures at site to effectively control dust generation.	Regular water spraying on construction areas and access roads. And covering stored soil on site till sending to landfills	27-01-2026	 

2	It was observed that cardboard and paper waste were disposed of in food waste skip, indicating improper waste segregation at site.	Segregated waste bins (food, recyclables, general waste) re-installed at site. Conducted site-wide briefing on proper waste segregation. Assigned staff to monitor and enforce segregation at waste disposal points. Cardboard/paper waste removed from food skip and redirected to recycling bin.	27-01-2026	 
3	Food waste skips were left uncovered, posing a potential environmental and hygiene hazard.	Food waste skips covered. Scheduled regular emptying of food waste skips. Site supervisors instructed to check skip covers are in place daily. Toolbox talk conducted on importance of proper waste management	27-01-2026	

4	It was observed that chemical waste skip was not labeled, and left uncovered, posing environmental and safety risks.	Chemical waste skip labelled with hazard signs and covered with a lid. Assigned staff to check and ensure proper labelling and covering of chemical waste skips daily.	27-01-2026	

5	soil contamination was observed due to diesel-water spillage at the running generator, posing a potential environmental risk.	Ensuring the prevention of soil contamination cleared the spillages from the drip tray and ensuring the continuous monitoring drip tray is available to ensure utilize for spillage.	27-01-2026	 

6	Concrete washout area was not constructed in accordance with approved environmental standards and best practices (EAD/ADM guidelines), and concrete spillage was noted around the washout area, posing a risk of soil and land contamination at site.	Concrete washout area reconstructed to meet EAD/ADM guidelines (impermeable lining, containment capacity). Contaminated soil from spillage removed and disposed of properly.	27-01-2026	

Close-out Prepared & Issued By (Contractor):		
Contractor HSE/Environmental Engineer:		
(Name) **Lutf Ullah**		**29/01/2026**
Contractor HSE Manager:		
(Name)	**(Signature)**	**29/01/2026**