

Sustainable Project Delivery - Legal Register - Chemical additives plant

JESA

Purpose of this register is to record the regulatory requirements that need to be complied with by the project. The register provides traceability of the action that has been taken to address the requirement.

PROJECT No:

Q37440

PROJECT TITLE:

Chemical additives plant

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1. Objective

The Legal Register is a listing of acts and regulations, including permits and approvals, applicable to the project or contract. The Legal Register is most useful on contracts and major projects where a significant number of regulations apply. The regulations can be sorted by Project Phase, Discipline, or Activity, and thus more easily managed. The objective of using a Legal Register is to be proactive in managing regulatory requirements and therefore be within compliance for the duration of the project/contract. Normally, the Sustainable Project Delivery (SPD) Lead will create and manage the Register, and provide updates to the Project Team on a regular basis. The SPD Lead is included in project activities such as status meetings to constantly inform relevant parties of their upcoming regulatory obligations on behalf of the customer.

Creating and maintaining a Legal Register is agree between JESA and the Customer before project initiation and often during project development/Select phase.

2. Principals

- The Legal Register must be reviewed and approved by the Customer before use on a project or contract, as the Customer will own the Register.
- The SPD Lead, or designate, shall work with the Discipline Leads and project manager(s) to populate and maintain an accurate status of each legal requirement on the register.
- The SPD Lead, or designate, shall work with the Discipline Leads to determine which legal requirements must be incorporated into the design and who will be responsible for completing required actions.
- The Legal Register can be used to create a Legal Matrix. A Legal Matrix is a table used to visually summarize the Legal Register. By listing project activities in a column and key legislation in a row across the top, markers can be placed to indicate all legislation that will impact a certain project activity.

3. Instruction

Initiating the Regulatory Framework

The SPD Lead, or designate, shall develop the Legal Register as per the template or the needs of the project/contract.

Identifying Regulatory Framework

A Legal Register is normally populated by a regulatory expert. The Customer and Project Manager shall assist with populating the register, and the Customer must approve the Register before use. The Register shall also be approved by the PM prior to use.

Populating the Register

The framework headings will generally consist of:

- ID
- Phase
- Aspect / Activity
- Impacts
- Jurisdiction
- Type
- Regulatory Requirements

General guidance on what is required under these headings is provided on the Legal Register template as comments to each heading.

Columns can be added/modified to suit, as long as the Register adds value to the project/contract.

Other Considerations

The Legal Register and other registers (Commitment, Sustainable Solutions Database) are normally created in conjunction with the Sustainability Steering Committee (SSC). The SSC is comprised of sustainability stakeholders from the customer (e.g. public relations, environmental advisors, regulatory contacts, operations managers) and JESA (e.g. SPD Lead, environmental scientists).

4. References

Safe and Sustainable Engineering for Asset Lifecycle (SEAL) Standard (**MS-EP-STD-0017**)

Sustainable Project Delivery - Commitment Register (**MS-EP-TEM-0051**)

Sustainable Solutions Standard (**MS-PM-STD-0018**)

5. Abbreviations

CRI	Centre Régional d'Investissement	HSE	Health Safety & Environment	OCP	Office chérifien des phosphates
CRUI	Commission Régionale Unifiée d'Investissement	IFC	International Finance Corporation	PM	Particulate Matter
EHS	Environmental, Health & Safety	LVIC	Large Volume Inorganic Compounds	POI	Plan d'Opération Interne
ESIA	Environmental and Social Impact Assessment	WHO	World Health Organization	SDS	Safety Data Sheet

Phase	Activity/Aspect	Impacts	Jurisdiction	Type	Legal Requirement	Date	Description	Task	Responsibility	Comments
General Environmental & Sustainability Regulations										
All project phases	Project as a whole	Environment	National	Regulation	Law No. 11-03 "on the protection and development of the environment"	10 Rabi I 1424 / 12 May 2003	Establishes the basic rules and general principles of national policy in the field of environmental protection and development.			The law 11-03 is applicable to this project. In fact, this law sets the general framework of environmental protection and deals with various areas, including liquid discharges, waste, fauna, and flora of the project at all phases.
All project phases	Project as a whole	Environment	National	Regulation	Framework Law No. 99-12 "on the National Charter for the Environment and Sustainable Development"	04 Joumada I 1435 / 06 March 2014	Defines the principals to a sustainable development strategy.			
Pre-construction	Project as a whole	Regulatory & Permitting	National	Regulation	Law No. 12-03 " on environmental impact studies"	10 Rabi I 1424 / 12 May 2003	Provides and lists the projects subject, the procedure of implementation and consistency of impact studies.	Review the list of projects subject to an ESIA and determine if chemical additives plant project requires one	Environmental engineer	The chemical additives plant project is classified under the chemical industry section. Therefore, the project is a subject to an ESIA in order to obtain the environmental acceptability and the construction permission, which will be conducted by JESA.
Pre-construction	Project as a whole	Regulatory & Permitting	National	Regulation	Decree No. 2-04-563 "on the responsibilities and functions of the national and regional environmental impact studies committees"	05 Kaada 1429 / 04 November 2008	Defines attributions and functioning of the national and regional committees of environmental impact studies.			
Pre-construction	Project as a whole	Regulatory & Permitting	National	Regulation	Decree No. 2-04-564 "setting the terms and conditions of the organization and conduct of the public inquiry relating to projects subject to environmental impact studies"	05 Kaada 1429 / 04 November 2008	Sets out the terms and conditions for the organization and conduct of the public inquiry on projects subject to ESIA.	Launch the public inquiry procedure for the project, in accordance with the provisions of Decree No. 2-04-564	Environmental engineer	Related to ESIA procedure
Pre-construction	Project as a whole	Regulatory & Permitting	National	Regulation	Law No. 49-17 "on environmental assessment"	18 Hija 1441 / 08 August 2020	Aims to subject public policies, programs, strategies and sectorial and regional development plans, as well as projects that may have an impact on the environment, to a strategic environmental assessment.			
Pre-construction	Project as a whole	Regulatory & Permitting	National	Regulation	Law No. 47-18 "on the reform of regional investment centers (CRI) and the creation of unified regional investment commissions (CRUI)"	07 Joumada II 1440 / 13 February 2019	Defines the roles and responsibilities of CRI and CRUI.	Submit the project file will be done through the platform of the CRI concerned by the project	Environmental engineer & Client & CRI	
Pre-construction	Project as a whole	Regulatory & Permitting	International	Guideline	IFC Environmental and Social Performance Standards	01 January 2012	Define the responsibilities of project owners for managing environmental and social risks.		Client	The project should adhere to IFC standards for ESIA development and IFC's sustainability policy.
All project phases	Project as a whole	Environment	OCF Group	Standard	Implementation of systematic environmental measures - July 27, 2021	July 27, 2021	Generalise and systematize the application of certain good practices and environmental measures in order to consolidate the position of OCF Group as a leader in the field of Sustainable Development	Consider the ESIA, air emissions and liquid effluents release limits, sanitary wastewater and rainwater management, waste management and sorting areas, and noise management.	Environmental engineer	
Solid Waste & auxiliary products										
All project phases	Solid waste management	Environment	National	Regulation	Law No. 28-00 "on waste management and disposal"	30 Chaoual 1427 / 22 November 2006	Defines the different types of waste, specifies their management methods and the level of their management. It also introduces the concept of hazardous waste and the management of this type of waste by making it subject to a system of prior authorization at all stages of management: collection, transport, storage and disposal.	Implement a waste management plan for the project	Environmental engineer	OCF Group has a "Waste Management referential " which determines the waste prevention and management requirements set by OCF Group, based mainly on the regulations in force and good practices. This reference framework is applicable to all OCF Group entities (operational and functional, including joint ventures). A waste management plan will be developed by Environmental team in the define phase.
					Law No. 23-12 amending law No. 28-00 relating to waste management and disposal	13 Ramadan 1433 / 02 August 2012	Repeals and replaces the article 42 of the law No. 28-00 as follows: "The import of hazardous waste is prohibited. "			
Evaluate/ Define	Solid waste management	Environment	National	Regulation	Decree No. 2-14-85 "on the management of hazardous waste"	28 Rabi I 1436 / 20 January 2015	Establish organizational measures for the management of hazardous waste.	Propose appropriate methods for managing hazardous waste	Client Environmental engineer HSE Engineer	The Group OCF has already implemented an auxiliary products management standard, the project must align with this reference as mentioned above.
All project phases	Solid waste management	Environment	National	Regulation	Order No. 3184-15 " for the application of articles 5, 6, 7 and 11 of Decree No. 2-14-85"	09 Hija 1436 / 23 September 2015	Sets the model of the register kept by generators, holders, collectors-transporters and operators of hazardous waste storage or treatment facilities, the model of the annual report and the model of the internal hazardous waste management plan.	Follow the waste disposal process through a waste tracking form	Client Contractors HSE Engineer	
All project phases	Landfills	Environment	National	Regulation	Decree No. 2-09-284 "fixing the administrative procedures and technical requirements relating to controlled landfills"	20 Hija 1430 / 8 December 2009	Fixes the administrative procedures and technical requirements applies to controlled landfills of classes 1, 2 and 3 referred to in Article 48 of Law No. 28-00 on waste management and disposal.	Follow the administrative procedures & comply with the requirements relating to controlled land fills	Client HSE Engineer Contractors	
All project phases	Solid waste management	Environment	National	Regulation	Law No. 77-15 "Prohibiting the manufacturing, import, export, marketing and use of plastic bags"	25 Sefar 1437 / 7 December 2015	Prohibit the manufacturing, import, export, marketing and use of non degradable or non biodegradable plastic bags	Make sure of the prohibiting of use of plastic bags during all the project phases	Client HSE Engineer Contractors	
All project phases	Solid waste management	Environment	National	Regulation	Law No. 22-10 "The use of degradable or biodegradable plastic bags"	03 Chaabane 1431 / 16 July 2010				
Evaluate/ Define	Solid waste management	Environment	National	Regulation	Decree No. 2-07-253 "concerning the classification of waste and fixing the list of published hazardous waste"	14 Rejeb 1429 / 18 July 2008	Inventories and classifies wastes according to their nature and their origin in a catalog called "Moroccan Catalogue of Wastes".	Classify waste of the project	Environmental engineer	The project must respect , in all the projects phases, the OCF waste management standard
Construction/ Operation	Solid waste management	Environment	National	Regulation	Decree No. 2-12-172 "fixing technical requirements for the disposal and recovery of waste by incineration"	12 Joumada II 1433 / 04 May 2012	Establishes the technical requirements that must be taken into account in the development and operation of waste incineration facilities for disposal, as well as the conditions and requirements to be met by facilities that recover waste through incineration.	Establish contracts with companies specialized and approved in the management of hazardous waste, particularly by incineration	Client Environmental engineer Contractors	
Construction/ Operation	Solid waste management	Environment	National	Regulation	Decree 2-09-139 " on the management of medical and pharmaceutical waste "	25 Joumada I 1430 / 21 May 2009	Defines the different categories of medical and pharmaceutical waste and sets the modalities of their packaging, collection, transport and disposal.	Set up specific bins for the sorting of pharmaceutical waste and entrust them to an approved company in medical waste treatment and disposal	Client Contractors HSE Engineer	
Construction/ Operation	Solid waste management	Environment	National	Regulation	Decree No. 2-09-85 " relating to the collection, transport and treatment of certain used oils"	07 Chaoual 1432 / 06 September 2011	Specifies the modalities of collection and transport of the used oils as well as the issuance of the collection and transport authorization referred to in Article 30 of the aforementioned law No. 28-00.	Set up specific bins/containers for the disposal of certain used oils and entrust them to an approved company for disposal	Client Contractors HSE Engineer	The Group OCF has already implemented an auxiliary products management standard, the project must align with this reference.
All project phases	Solid waste management	Environment	OCF Group	Standard	Waste Management and valorization - S-HSE-ENV-02 - Edition 2.0 - April 22, 2021	April 22, 2021	Provides the waste prevention and management requirements set by OCF, based mainly on the regulations in force and good practices in terms of waste management and recovery.	Ensure the implementation of the principles of reduction at source as well as an environmentally friendly and safe management of waste generated at OCF sites, throughout its life cycle (pre-collection, collection throughout its life cycle.	Environmental engineer	
All project phases	Auxiliary products management	Environment	OCF Group	Standard	Auxiliary Products Management - S-HSE-ENV-01 - Edition 2.0 - April 22, 2021	April 22, 2021	Aims to ensure the development and implementation of management principles for the safe and environmentally friendly use of auxiliary products (A.P.) in order to avoid risky exposures of the personnel as well as uncontrolled leakage or loss of these products.			
Evaluate/ Define	Solid waste management	Environment	International	Guideline	IFC General Environmental, Health and Safety Guidelines - "Waste Management "	30 April 2007	Set guidelines on waste management to projects that generate, store, or handle any quantity of waste across a range of industry sectors.	Apply IFC guidelines as a Good International Industry Practice in the project design	Environmental engineer	

Phase	Activity/Aspect	Impacts	Jurisdiction	Type	Legal Requirement	Date	Description	Task	Responsibility	Comments
Water and Liquid discharges										
All project phases	Water consumption/ Liquid discharges	Environment	National	Regulation	Law No. 36-15 "on water "	06 Kaada 1437 / 10 August 2016	Sets up rules for an integrated, decentralized and participatory management of water resources.	Implement a water management plan to reduce water consumption during the various phases of the project	Environmental engineer Process engineer	A Drainage, Sewer and Water Management Plan will be developed by the environmental team for the project
All project phases	Liquid discharges	Environment	National	Regulation	Decree No. 2-04-553 "relative to spills, flows, discharges, direct or indirect deposits in surface or ground waters"	13 Hija 1425 / 24 January 2005	Defines a spill as any spill, flow, discharge, direct or indirect deposit in surface water or groundwater likely to modify its physical characteristics, including thermal and radioactive, chemical, biological or bacteriological.	Liquid discharges must be treated before being discharged into the natural environment	Environmental engineer Process engineer	
All project phases	Liquid discharges	Environment	National	Regulation	Decree No. 2-97-787 "On water quality standards and the inventory of the degree of water pollution"	06 Chaoual 1418 / 4 February 1998	Establishes the criteria on the basis of which the water quality standards will be set and the procedures for carrying out the inventory of the degree of water pollution.	Define the quality standards that the water must meet according to its intended use	Environmental engineer Process engineer	
All project phases	Liquid discharges	Environment	National	Regulation	Joint order No. 3286-17 (Arabic version) of the minister of the interior, the minister of industry, investment, trade and digital economy, the minister of equipment, transport, logistics and water, the minister of energy, mines and sustainable development and the minister of tourism, air transport, handicrafts and social economy: modifying the joint order No. 2942-13 fixing the general limit values for discharges into surface or groundwater. "Fixing general limit values for discharges into surface or ground waters"	13 Hija 1438 / 04 September 2017	Sets the general discharge limit values for spills, discharges, discharges, direct or indirect deposits in surface or ground water.	Liquid discharges must be treated to comply with environmental limit values before being discharged into the natural environment	Environmental engineer Process engineer	
All project phases	Liquid discharges	Environment	International	Guideline	IFC General Environmental, Health and Safety Guidelines - "Wastewater and Ambient Water Quality"	30 April 2007	Sets guidelines on Wastewater and Ambient Water Quality apply to projects discharging industrial, sanitary or run-off waste water directly or indirectly into the environment.	The plant should be equipped with a separate sewerage system. The sanitary wastewaters should respect the limit values. The liquid discharge should respect the limit values before discharge.	Client Environmental engineer Process engineer Civil engineer Contractor	
All project phases	Water consumption	Environment	International	Guideline	IFC - General Environmental, Health and Safety Guidelines "Water Conservation"	30 April 2007	Sets the EHS guidelines for Phosphate Fertilizer Production which aim to minimize the environmental and health risks associated with the production of phosphate fertilizers. The guidelines cover various aspects of the manufacturing process, including Wastewater.	Apply IFC guidelines where practicable to reduce water consumption and achieve water savings	Client Environmental engineer Process engineer Contractor	
All project phases	Liquid discharges	Environment	International	Guideline	Environmental, Health and Safety Guidelines for Large Volume Inorganic Compounds Manufacturing and Coal Tar Distillation	December 10, 2007	Consists of reference documents with general and specific examples of Good Industry Practice(GIP).They provide guidance on how to minimize environmental impacts of several industrial units including the chemical additives plant.	The project must comply with the requirements and limit values set by the Environmental, Health and Safety Guidelines for Large Volume Inorganic Compounds Manufacturing and Coal Tar Distillation	Environmental engineer Process engineer	
Operation	Liquid discharges	Environment	OCF Group	Standard	S-HSE-ENV-03-Appendix 3 Note OIR n° 09-21 Implementing Systematic Environmental Measures	July 22,2015	Provides a List of best practices and environmental measures to be systematized at operational site	-Sanitary wastewater must be separated and treated in a WWTP or connected to a public sewerage system. The use of septic tanks is tolerated only during the construction phase of the project and only after formal approval from the entity in charge of the Environment and/or HSE of the site concerned. -Rainwater must be separated and recycled. -Each OCP operational site must carry out an annual representative characterization campaign of its liquid effluents by a competent third party -Each OCP operational site must carry out an annual representative campaign by a competent third party to characterize the quality of the groundwater in the area in which it operates (in particular at the level of surrounding wells).	Client Environmental engineer Civil engineer HSE Engineer Process engineer	
Noise and vibrations										
All project phases	Noise emissions	Environment	National	Regulation	Law No. 65-99 "On the Labour Code"	14 Rejeb 1424 / 11 September 2003	Sets the value of the daily noise exposure and the peak sound pressure for employers to take measures to protect employees.	Comply with the daily noise exposure and the peak sound pressure for employers	Client Environmental engineer Mechanical engineer HSE Engineer Contractors	A noise management plan should be developed by the Environmental team
All project phases	Noise emissions	Environment	National	Regulation	Order No. 93-08 of the Minister of Employment and Vocational Training "Setting out general and specific measures of application relating to the principles set out in articles 281 to 291 of the Labor Code"	06 Joumada I 1429 / 12 May 2008	Establishes measures to be taken by employers for the prevention of risks resulting from noise.			
All project phases	Noise emissions	Environment	International	Guideline	IFC General Environmental, Health and Safety Guidelines - " Noise Management"	30 April 2007	Set guideline values of noise levels for industrial buildings.	The noise generated by the equipment should comply with the IFC & WHO guidelines	Environmental engineer & Mechanical engineer	
All project phases	Noise emissions	Environment	International	Guideline	WHO "Guidelines for Community Noise"	1999				
Energy										
All project phases	Energy consumption	Environment	National	Regulation	Law No. 47-09 "on energy efficiency"	01 Kaada 1432 / 29 September 2011	Aims to increase energy efficiency in the use of energy sources, to avoid waste, to reduce the energy costs on the national economy, and to enhance sustainable development.	The project must consider energy efficiency measures and use green energy if possible.	Environmental engineer Electrical engineer Contractors Clients	
All project phases	Renewable energy	Environment	National	Regulation	Law 13-09 "on renewable energy"	26 Safar 1431 / 11 February 2010	Regulates the production of electricity from renewable sources. It establishes a legal framework offering prospects for the construction and operation of installations for the production of electrical energy from renewable energy sources, by natural or legal persons, public or private. It specifies in particular the general principles that they must follow, the applicable legal regime including for marketing and export.	The project must consider the use of renewable energy sources when possible.	Environmental engineer Electrical engineer Contractors Clients	
All project phases	Energy consumption	Environment	International	Guidelines	IFC General Environmental, Health and Safety Guidelines - " Energy conservation"	April 30, 2007	Provides guidance on energy management with a focus on representing opportunities for improvement in energy conservation	Apply IFC guidelines where practicable for energy conservation	Environmental engineer Electrical engineer Contractors Clients	

Phase	Activity/Aspect	Impacts	Jurisdiction	Type	Legal Requirement		Description	Task	Responsibility	Comments
Air										
All project phases	Air Emissions	Environment	National	Regulation	Law No. 13-03 "on the fight against air pollution"	10 Rabii I 1424 / 12 May 2003	Aims to prevent and fight pollutants emission that could affect human health, fauna, soil, climate and environment in general. It forbids releasing, emitting or discharging pollutants into the air such as toxic or corrosive gases, fumes, steam, heat, dust, odours beyond the allowed amount or concentration by Moroccan regulations and standards.	Air emissions from the project must be treated prior to release to the air	Environmental engineer Process engineer	Emissions Management Plan will be developed by the environmental team for the project air emissions modelling
Operation	Air Emissions	Environment	National	Regulation	Decree No. 2-09-631 "setting limit values for release, emission or discharge of pollutants into the air from fixed pollution sources and procedures for their control"	23 Rejeb 1431 / 06 July 2010	Sets limit values for release, emission or discharge of certain polluting substances into the air emanating from fixed sources of pollution and defines methods to control them.	Air emissions from the project must be treated prior to release to the air	Environmental engineer Process engineer	
Operation	Air emissions	Environment	National	Regulation	Decree No. 2-09-286 "fixing the air quality standards and the installation methods of the monitoring networks."	20 Hija 1430 / 08 December 2009	Sets air quality standards and the procedures for setting up monitoring networks.	The project must implement an environmental monitoring program during the construction and operation phases	Environmental engineer Client	According to this regulation : -The maximum concentration of Particulate Matter (PM10) in ambient air must be less than 50 µg/m3 for a period of 24h (90.4th percentile value). -The maximum concentration of Particulate Matter (PM2.5) in ambient air must be less than 45 µg/m3 for a period of 24h. For other characteristic pollutants and other periods : refer to Environmental design Criteria
Operation	Air emissions	Environment	National	Regulation	Decree No. 2-23-244 "Modifying and completing decree No. 2-09-286 and setting the standards of air quality and defining the modalities of implementation of air quality monitoring networks".	26 Chaaban 1445/ 07 Mar 2024	This Decree modifies and completes the Decree No. 2.09.286, with the aim of adding certain definitions, updating the list of pollutants and air quality standards, and to modify certain provisions related to improving the governance of the management of the air quality surveillance and monitoring network in Morocco.	Air emissions from the project must be treated prior to release to the air in order to comply with air quality standards	Environmental engineer Client	
Operation	Air emissions	Environment	National	Regulation	Joint Order No. 1653-14 of the Minister of Energy, Mines, Water and Environment, and the Minister of Health. "Setting the terms and conditions for calculating the air quality index"	08 Rejeb 1435 / 08 May 2014	Sets the terms and conditions for calculating the air quality index for 4 pollutants: SO2, NO2, O3 and particulate matter PM10	The project must implement an environmental monitoring program during the operation phase	Environmental engineer Client	
Operation	Air emissions	Environment	National	Regulation	Joint Order No. 3750-14 of the Minister of Energy, Mines, Water and Environment, the Minister Delegate to the Minister of Energy, Mines, Water and Environment, the minister of Interior and the Minister of Health. "Setting information thresholds, alert thresholds and the modalities of application of emergency measures relating to air quality monitoring"	04 Mouharem 1436 / 29 October 2014	Sets the thresholds for information and alert & defines the procedures of emergency measures application relating to air quality monitoring.	The project must implement an environmental monitoring program & emergency plan during the operation phase	Environmental engineer Client	
All project phases	Air emissions	Environment	International	Guideline	IFC - General Environmental, Health & Safety Guidelines "Air Emissions and Ambient Air Quality"	30 April 2007	Provides an approach to the management of significant sources of emissions, including specific guidance for assessment and monitoring of impacts	The project must comply with the requirements and the ambient air quality limit values set by The EHS Guidelines for the air pollutants released by the chemical additives plant project.	Environmental engineer Process engineer Client	The limits values according to this guidelines will be developed in the Environmental deliverable entitled Environmental design criteria
All project phases	Air emissions	Environment	International	Guideline	IFC General Environmental, Health and Safety Guidelines "Large Volume Inorganic Compounds Manufacturing and Coal Tar Distillation"	10 December 2007	Provides recommendations for the management of EHS issues from facilities manufacturing LVIC and for coal tar distillation.		Environmental engineer Client	
Operation	Air emissions	Environment	International	Guideline	WHO "air quality guidelines"	2021	Reflects the availability of new evidence on the health effects of these pollutants and their relative importance with regard to current and future health effects of air pollution in each of the WHO regions.	The project must comply with the requirements and limit values set by The WHO Air Quality Guidelines for particulate matter and SO2.	Environmental engineer	According to the edition "2021" of this guideline : -The maximum concentration of Particulate Matter 10 (PM10) in ambient air must be less than 45 µg/m3 for a period of 24h (99th percentile value). - The maximum concentration of Particulate Matter 2.5 (PM2.5) in ambient air must be less than 15 µg/m3 for a period of 24h (99th percentile value). -The maximum concentration of NO2 in ambient air must be less than 200 µg/m3 for a period of 1h (99th percentile).
Operation	Air emissions	Environment	OCP Group	Standard	S-HSE-ENV-03-Appendix 3 Note OIR n° 09-21 Implementing Systematic Environmental Measures	July 22,2015	Provides a List of best practices and environmental measures to be systematized at operational site	The project's stacks must be equipped with online analyzers to monitor and control the air emissions data, that shall be transferred directly to OCP Database. OCP Group processing sites must be equipped with mobile/tractable stations for continuous monitoring of ambient air quality and meteorological conditions (Air Quality Stations).	Environmental engineer Process engineer (SID)	
Hazardous materials										
All project phases	Transport of hazardous materials	Environment	National	Regulation	Law No. 30-05 "on the transport of dangerous goods by road"	29 Joumada II 1432 / 02 June 2011	Defines the specific rules applicable to the carriage of dangerous goods by road (conditions of classification, packaging, loading, unloading and filling of these goods as well as their dispatch, the signalling, labelling, placarding, marking and documents that must accompany the shipments).	Comply with the rules & requirements and apply good industry practices applicable to the transport & the handling of hazardous materials	Client HSE Manager Contractors	
All project phases	Storage of hazardous materials	Environment	National	Regulation	Order of February 12, 1935,	12 February 1935	Sets two requirements : -The general requirements to be imposed on deposits of flammable liquids of first & second category. - The general requirements to be imposed on workshops where flammable liquids are used.			
All project phases	Hazardous industries	Environment	National	Regulation	Dahir of 03 Chaoual 1332 (25 August 1914) & its complementing orders & dahirs "Classification of unhealthy, inconvenient or dangerous establishments"	03 Chaoual 1332 / 25 August 1914	Defines the classification of industries according to the inconvenience or the danger they represent.			
All project phases	Management of hazardous materials	Environment	International	Guideline	IFC General Environmental, Health and Safety Guidelines "Hazardous Materials Management"	30 April 2007	Sets the IFC guidelines on Hazardous Materials Management apply to projects that use, store, or handle any quantity of hazardous materials (Hazmats)			
All project phases	Management of hazardous materials	Environment	International	Guideline	IFC General Environmental, Health and Safety Guidelines "Large Volume Inorganic Compounds Manufacturing and Coal Tar Distillation"	10 December 2007	Provide recommendations for the management of hazardous materials used and handled in the project.			

Phase	Activity/Aspect	Impacts	Jurisdiction	Type	Legal Requirement		Description	Task	Responsibility	Comments
Occupational Health and safety										
All project phases	Work accident	Health & Safety	National	Regulation	Law No. 65-99 "on the Labour Code"	14 Rejeb 1424 / 11 September 2003	Defines the fundamental principles and rights of workers		Client HSE Manager Contractors	
All project phases	Work accident	Health & Safety	National	Regulation	Law No. 18-12 "on compensation for industrial accidents"	06 Rabii I 1436 / 29 December 2014	Preserves the acquired social rights of victims of industrial accidents and their heirs in case of death and to improve the compensation granted to heirs, particularly widows, orphans and ascendants.	Implement an internal management plan in the case of a work-related accident	Client HSE engineer Contractors	OCP Group disposes of Working Conditions policy, Occupational Health & Safety policy and HSE Standard
All project phases	Work accident	Health & Safety	National	Regulation	Dahir of May 31, 1943 "extending to occupational diseases the provisions of the dahir of June 25, 1927 on compensation for work-related accidents."	26 Joumada I 1362 / 31 May 1943	Specify that any employer whose work processes involve the use of substances likely to cause work-related illnesses is required, before work commences, to make a declaration to the labour inspector in whose district his business is situated	Implement a POI and safety measures adapted to the nature of the project	HSE engineer Client Contractors	
All project phases	Working conditions & Work accident	Health & Safety	International	Guideline	IFC - Standard Performance 2 "Labor and Working Conditions"	01 January 2012	Aims to maintain and to improve the relationship between management and workers and to promote safe and healthy working conditions and protect and promote the health of workers.	Implementation of a work condition management plan during the different phases of the project	Client HSE engineer Contractors	OCP Group disposes of Working conditions policy , Occupational Health & Safety policy, General Human capital policy and HSE Standard
All project phases	Work accident	Health & Safety	National	Regulation	Dahir of June 25, 1927 "relating to the compensation of work accidents, as amended and supplemented by Dahir No. 1-60-223 of February 6, 1963 and Dahir No. 1-03-167 of June 19, 2003 promulgating Law No. 06-03 "	25 Hija 1345 / 25 June 1927	Specify accidents suffered by workers in the course of their work.	Implementation of a POI and safety measures adapted to the nature of the project	HSE engineer Client Contractors	OCP Group disposes of Working conditions policy , Occupational Health & Safety policy and HSE Standard
Construction / Operation	Risk of road accidents	Health & Safety	National	Regulation	Law No. 116-14 "modifying and completing the law 52-05 on the highway code promulgated by the dahir No. 1-10-07 of 26 Safar 1431 "	13 Chaoual 1437 / 18 July 2016	Aims to reform and modernize the existing provisions to fight against the scourge of traffic accidents and to establish rights and duties for road users.	Implementation of a traffic plan within the project site	Client	OCP Group has set up a road risk management system in order to eliminate the risks of accidents related to the driving of vehicles and machines and to road transport. This standard is applied in all OCP sites in operation or in project.
Construction / Operation	Handling and exposure to chemicals	Health & Safety	National	Regulation	Order of the Minister of Employment and Social Affairs No. 4576-14 of Rabii I, No. 1 1436 (24 December 2014) setting the limit values for occupational exposure to certain hazardous chemicals	01 Rabii I 1436 / 24 December 2014	Sets average values and limits for occupational exposure to certain hazardous chemicals. The average values are measured or calculated in relation to a reference period of 8 hours, weighted in time. Short-term exposure is a limit value above which there must be no exposure and refers to a period of 15 minutes unless otherwise specified.	Make available to the staff the SDS of the chemicals used	Client HSE engineer Contractors	
Construction / Operation	Working conditions & Work accident	Health & Safety	International	Guideline	IFC - General Environmental, Health & Safety Guidelines "Occupational Health and Safety"	30 April 2007	Provide guidance and examples of reasonable precautions to implement in managing principal risks to occupational health and safety	Ensure that occupational health and safety guidelines regarding air quality, noise & hazardous materials exposure inside the facility are respected	Client HSE engineer Contractors	