SAMPLE REPORT · FICTIONAL ORGANISATION

ITA

ISO 14001:2026 · ISO 14004

Environmental Aspects and Impacts

Register and evaluation of significance

Example Plastic Packaging Co.

Jeddah plant: extrusion, injection moulding and printing of plastic packaging

Activities	**13**
Aspects assessed	**56**
Significant	**26**
Assessment team	**EHS manager, production manager, maintenance engineer**
Assessment date	**2026-10-20**

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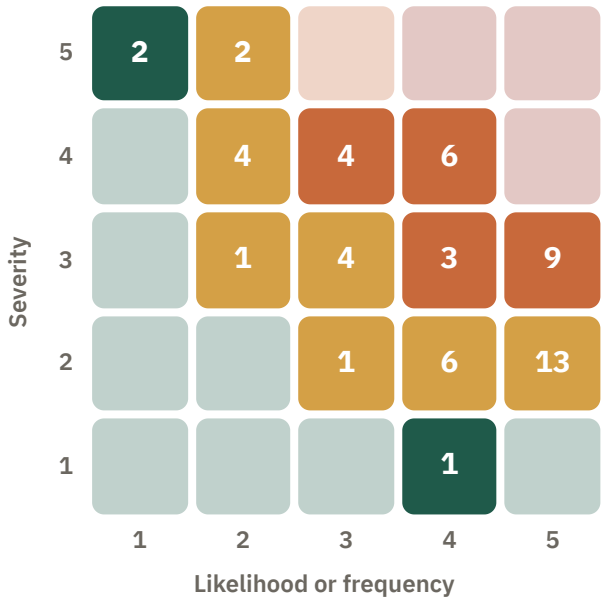
Controlled document of the environmental management system. Review at least annually and after changes, incidents or complaints.

1 Summary

13 activities and 56 environmental aspects were assessed; 26 are significant. The highest-scoring significant aspect is Process wastewater discharge in Production and processing (16 of 25). Most significant aspects are in chemicals and spills (6). 8 aspects are linked to compliance obligations and 8 relate to emergency conditions. The action plan has 60 actions, 33% completed; the process check shows 73% of the requirements in place.

ASPECTS ASSESSED	SIGNIFICANT	COMPLIANCE-LINKED	PROCESS CHECK
56	26	8	73%

SEVERITY AND LIKELIHOOD



BY CATEGORY

CATEGORY	ASPECTS	SIGNIFICANT
Chemicals and spills	9	**6**
Waste	14	**4**
Energy	5	**4**
Water and wastewater	6	**3**
Emissions to air	6	**3**
Resources and materials	5	**2**
Emergencies	2	**2**
Noise, odour and light	7	**1**
Life cycle and value chain	2	**1**

SIGNIFICANT ENVIRONMENTAL ASPECTS

ACTIVITY	ASPECT	IMPACT	S × L	REASON
Production and processing	**Process wastewater discharge**	Water pollution, Harm to human health	4 × 4 = 16	Score at or above the threshold; Compliance obligation Wastewater discharge permit (sewer network)
Painting, coating and printing	**Solvent and VOC emissions (painting, printing, cleaning)**	Air pollution, Harm to human health	4 × 4 = 16	Score at or above the threshold; Compliance obligation Environmental permit: VOC limits
Painting, coating and printing	**Hazardous waste (oils, chemicals, contaminated rags, batteries)**	Soil and groundwater contamination, Water pollution, Harm to human health	4 × 4 = 16	Score at or above the threshold; Compliance obligation Hazardous waste regulations: licensed carrier and manifests
Compressed air	**Hazardous waste (oils, chemicals, contaminated rags, batteries)**	Soil and groundwater contamination, Water pollution, Harm to human health	4 × 4 = 16	Score at or above the threshold

ACTIVITY	ASPECT	IMPACT	S × L	REASON
Maintenance and workshops	**Hazardous waste (oils, chemicals, contaminated rags, batteries)**	Soil and groundwater contamination, Water pollution, Harm to human health	4 × 4 = 16	Score at or above the threshold
Waste storage area	**Hazardous waste (oils, chemicals, contaminated rags, batteries)**	Soil and groundwater contamination, Water pollution, Harm to human health	4 × 4 = 16	Score at or above the threshold
Production and processing	**Electricity consumption**	Climate change, Depletion of natural resources	3 × 5 = 15	Score at or above the threshold
Production and processing	**Use of raw materials**	Depletion of natural resources	3 × 5 = 15	Score at or above the threshold
Production and processing	**Water consumption**	Depletion of water resources	3 × 5 = 15	Score at or above the threshold
Packing and labelling	**Electricity consumption**	Climate change, Depletion of natural resources	3 × 5 = 15	Score at or above the threshold
Compressed air	**Electricity consumption**	Climate change, Depletion of natural resources	3 × 5 = 15	Score at or above the threshold
Air conditioning and chillers	**Electricity consumption**	Climate change, Depletion of natural resources	3 × 5 = 15	Score at or above the threshold
Air conditioning and chillers	**Water consumption**	Depletion of water resources	3 × 5 = 15	Score at or above the threshold
Standby generators	**Fuel combustion (boilers, generators, ovens)**	Air pollution, Climate change, Depletion of natural resources	3 × 5 = 15	Score at or above the threshold
Purchasing and outsourced processes	**Use of raw materials**	Depletion of natural resources	3 × 5 = 15	Score at or above the threshold
Production and processing	**Noise and vibration**	Nuisance to neighbours (noise, odour, dust, light), Harm to human health	3 × 4 = 12	Compliance obligation; Interested party concern Noise limits at the site boundary
Air conditioning and chillers	**Refrigerant leaks (air conditioning, chillers, cold stores)**	Climate change, Ozone layer depletion	4 × 3 = 12	Compliance obligation Ozone-depleting substances regulation
Products in use and at end of life	**Use and end of life of the products sold**	Landfill use and land degradation, Climate change, Depletion of natural resources	3 × 4 = 12	Compliance obligation Customer requirement: recycled content in packaging
Painting, coating and printing	**Spill or leak of chemicals**	Soil and groundwater contamination, Water pollution, Harm to human health	5 × 2 = 10	Compliance obligation; Emergency with major or severe consequence Civil Defence and chemical storage requirements
Fuel and chemical storage tanks	**Spill or leak of chemicals**	Soil and groundwater contamination, Water pollution, Harm to human health	5 × 2 = 10	Emergency with major or severe consequence

ACTIVITY	ASPECT	IMPACT	S × L	REASON
Standby generators	**Spills of oil or fuel**	Soil and groundwater contamination, Water pollution	4 × 2 = 8	Compliance obligation; Emergency with major or severe consequence Environmental Law: prevent soil and groundwater pollution
Fuel and chemical storage tanks	**Spills of oil or fuel**	Soil and groundwater contamination, Water pollution	4 × 2 = 8	Emergency with major or severe consequence
Maintenance and workshops	**Spills of oil or fuel**	Soil and groundwater contamination, Water pollution	4 × 2 = 8	Emergency with major or severe consequence
Transport and distribution (own fleet)	**Spills of oil or fuel**	Soil and groundwater contamination, Water pollution	4 × 2 = 8	Emergency with major or severe consequence
Fuel and chemical storage tanks	**Fire or explosion**	Fire, smoke and contaminated fire water, Air pollution, Water pollution, Harm to human health	5 × 1 = 5	Emergency with major or severe consequence
Waste storage area	**Fire or explosion**	Fire, smoke and contaminated fire water, Air pollution, Water pollution, Harm to human health	5 × 1 = 5	Emergency with major or severe consequence

2 Register of environmental aspects and impacts

S = severity, L = likelihood or frequency (1 to 5). Condition: normal, abnormal or emergency; control: direct or indirect.

ACTIVITY	ASPECT	IMPACT	CONDITION · CONTROL · STAGE	OBLIGATION	EXISTING CONTROLS	SCORE	SIGNIFICANCE
Production and processing	Electricity consumption Energy	Climate change, Depletion of natural resources	Normal Direct (control) Production	—	Monthly meter readings	3×5=15 High	SIGNIFICANT
Production and processing	Use of raw materials Resources and materials	Depletion of natural resources	Normal Direct (control) Production	—	Regrind of in-house scrap	3×5=15 High	SIGNIFICANT
Production and processing	Water consumption Water and wastewater	Depletion of water resources	Normal Direct (control) Production	—	—	3×5=15 High	SIGNIFICANT
Production and processing	Process wastewater discharge Water and wastewater	Water pollution, Harm to human health	Normal Direct (control) Production	Wastewater discharge permit (sewer network)	Settling tank before discharge	4×4=16 High	SIGNIFICANT
Production and processing	General (non-hazardous) waste Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Production and processing	Recyclable waste (paper, cardboard, plastic, metal) Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Production and processing	Noise and vibration Noise, odour and light	Nuisance to neighbours (noise, odour, dust, light), Harm to human health	Normal Direct (control) Production	Noise limits at the site boundary Interested party concern	—	3×4=12 High	SIGNIFICANT
Production and processing	Dust and particulate emissions Emissions to air	Air pollution, Nuisance to neighbours (noise, odour, dust, light), Harm to human health	Normal Direct (control) Production	—	—	3×4=12 High	NOT SIGNIFICANT
Painting, coating and printing	Solvent and VOC emissions (painting, printing, cleaning) Emissions to air	Air pollution, Harm to human health	Normal Direct (control) Production	Environmental permit: VOC limits	Closed solvent containers, extraction hood	4×4=16 High	SIGNIFICANT

ACTIVITY	ASPECT	IMPACT	CONDITION · CONTROL · STAGE	OBLIGATION	EXISTING CONTROLS	SCORE	SIGNIFICANCE
Painting, coating and printing	Hazardous waste (oils, chemicals, contaminated rags, batteries) Waste	Soil and groundwater contamination, Water pollution, Harm to human health	Normal Direct (control) Production	Hazardous waste regulations: licensed carrier and manifests	Covered store, licensed contractor	4×4=16 High	SIGNIFICANT
Painting, coating and printing	Storage and use of chemicals Chemicals and spills	Soil and groundwater contamination, Water pollution, Harm to human health	Normal Direct (control) Production	—	—	4×3=12 High	NOT SIGNIFICANT
Painting, coating and printing	Spill or leak of chemicals Chemicals and spills	Soil and groundwater contamination, Water pollution, Harm to human health	Emergency Direct (control) Production	Civil Defence and chemical storage requirements	Spill kit in store	5×2=10 Medium	SIGNIFICANT
Packing and labelling	Use of packaging materials Resources and materials	Depletion of natural resources, Landfill use and land degradation	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Packing and labelling	Recyclable waste (paper, cardboard, plastic, metal) Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Packing and labelling	General (non-hazardous) waste Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Packing and labelling	Electricity consumption Energy	Climate change, Depletion of natural resources	Normal Direct (control) Production	—	Monthly meter readings	3×5=15 High	SIGNIFICANT
Compressed air	Electricity consumption Energy	Climate change, Depletion of natural resources	Normal Direct (control) Production	—	Monthly meter readings	3×5=15 High	SIGNIFICANT
Compressed air	Noise and vibration Noise, odour and light	Nuisance to neighbours (noise, odour, dust, light), Harm to human health	Normal Direct (control) Production	—	—	2×4=8 Medium	NOT SIGNIFICANT

ACTIVITY	ASPECT	IMPACT	CONDITION · CONTROL · STAGE	OBLIGATION	EXISTING CONTROLS	SCORE	SIGNIFICANCE
Compressed air	Hazardous waste (oils, chemicals, contaminated rags, batteries) Waste	Soil and groundwater contamination, Water pollution, Harm to human health	Normal Direct (control) Production	—	Covered store, licensed contractor	4×4=16 High	SIGNIFICANT
Air conditioning and chillers	Electricity consumption Energy	Climate change, Depletion of natural resources	Normal Direct (control) Production	—	Monthly meter readings	3×5=15 High	SIGNIFICANT
Air conditioning and chillers	Refrigerant leaks (air conditioning, chillers, cold stores) Emissions to air	Climate change, Ozone layer depletion	Abnormal Direct (control) Production	Ozone-depleting substances regulation	—	4×3=12 High	SIGNIFICANT
Air conditioning and chillers	Water consumption Water and wastewater	Depletion of water resources	Normal Direct (control) Production	—	—	3×5=15 High	SIGNIFICANT
Air conditioning and chillers	Noise and vibration Noise, odour and light	Nuisance to neighbours (noise, odour, dust, light), Harm to human health	Normal Direct (control) Production	—	—	2×4=8 Medium	NOT SIGNIFICANT
Standby generators	Fuel combustion (boilers, generators, ovens) Emissions to air	Air pollution, Climate change, Depletion of natural resources	Normal Direct (control) Production	—	—	3×5=15 High	SIGNIFICANT
Standby generators	Noise and vibration Noise, odour and light	Nuisance to neighbours (noise, odour, dust, light), Harm to human health	Normal Direct (control) Production	—	—	2×4=8 Medium	NOT SIGNIFICANT
Standby generators	Spills of oil or fuel Chemicals and spills	Soil and groundwater contamination, Water pollution	Emergency Direct (control) Production	Environmental Law: prevent soil and groundwater pollution	Bunded tank	4×2=8 Medium	SIGNIFICANT
Fuel and chemical storage tanks	Spills of oil or fuel Chemicals and spills	Soil and groundwater contamination, Water pollution	Emergency Direct (control) Production	—	Bunded tank	4×2=8 Medium	SIGNIFICANT
Fuel and chemical storage tanks	Spill or leak of chemicals Chemicals and spills	Soil and groundwater contamination, Water pollution, Harm to human health	Emergency Direct (control) Production	—	Spill kit in store	5×2=10 Medium	SIGNIFICANT

ACTIVITY	ASPECT	IMPACT	CONDITION · CONTROL · STAGE	OBLIGATION	EXISTING CONTROLS	SCORE	SIGNIFICANCE
Fuel and chemical storage tanks	Fire or explosion Emergencies	Fire, smoke and contaminated fire water, Air pollution, Water pollution, Harm to human health	Emergency Direct (control) Production	—	Sprinklers and fire alarm	5×1=5 Low	SIGNIFICANT
Fuel and chemical storage tanks	Storage and use of chemicals Chemicals and spills	Soil and groundwater contamination, Water pollution, Harm to human health	Normal Direct (control) Production	—	—	4×3=12 High	NOT SIGNIFICANT
Maintenance and workshops	Hazardous waste (oils, chemicals, contaminated rags, batteries) Waste	Soil and groundwater contamination, Water pollution, Harm to human health	Normal Direct (control) Production	—	Covered store, licensed contractor	4×4=16 High	SIGNIFICANT
Maintenance and workshops	Spills of oil or fuel Chemicals and spills	Soil and groundwater contamination, Water pollution	Emergency Direct (control) Production	—	Bunded tank	4×2=8 Medium	SIGNIFICANT
Maintenance and workshops	Storage and use of chemicals Chemicals and spills	Soil and groundwater contamination, Water pollution, Harm to human health	Normal Direct (control) Production	—	—	4×3=12 High	NOT SIGNIFICANT
Maintenance and workshops	Electronic waste and lamps Waste	Soil and groundwater contamination, Harm to human health	Normal Direct (control) Production	—	—	3×3=9 Medium	NOT SIGNIFICANT
Maintenance and workshops	Noise and vibration Noise, odour and light	Nuisance to neighbours (noise, odour, dust, light), Harm to human health	Normal Direct (control) Production	—	—	2×4=8 Medium	NOT SIGNIFICANT
Waste storage area	General (non-hazardous) waste Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Waste storage area	Hazardous waste (oils, chemicals, contaminated rags, batteries) Waste	Soil and groundwater contamination, Water pollution, Harm to human health	Normal Direct (control) Production	—	Covered store, licensed contractor	4×4=16 High	SIGNIFICANT
Waste storage area	Recyclable waste (paper, cardboard, plastic, metal) Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Waste storage area	Odour emissions Noise, odour and light	Nuisance to neighbours (noise, odour, dust, light)	Normal Direct (control) Production	—	—	2×3=6 Medium	NOT SIGNIFICANT

ACTIVITY	ASPECT	IMPACT	CONDITION · CONTROL · STAGE	OBLIGATION	EXISTING CONTROLS	SCORE	SIGNIFICANCE
Waste storage area	Contaminated stormwater run-off Water and wastewater	Water pollution, Soil and groundwater contamination	Abnormal Direct (control) Production	—	—	3×2=6 Medium	NOT SIGNIFICANT
Waste storage area	Fire or explosion Emergencies	Fire, smoke and contaminated fire water, Air pollution, Water pollution, Harm to human health	Emergency Direct (control) Production	—	Sprinklers and fire alarm	5×1=5 Low	SIGNIFICANT
Office and administration	Electricity consumption Energy	Climate change, Depletion of natural resources	Normal Direct (control) Production	—	Monthly meter readings	2×5=10 Medium	NOT SIGNIFICANT
Office and administration	Paper and office consumables Resources and materials	Depletion of natural resources	Normal Direct (control) Production	—	—	1×4=4 Low	NOT SIGNIFICANT
Office and administration	Recyclable waste (paper, cardboard, plastic, metal) Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Office and administration	General (non-hazardous) waste Waste	Landfill use and land degradation, Depletion of natural resources	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT
Office and administration	Electronic waste and lamps Waste	Soil and groundwater contamination, Harm to human health	Normal Direct (control) Production	—	—	3×3=9 Medium	NOT SIGNIFICANT
Office and administration	Refrigerant leaks (air conditioning, chillers, cold stores) Emissions to air	Climate change, Ozone layer depletion	Abnormal Direct (control) Production	—	—	3×3=9 Medium	NOT SIGNIFICANT
Office and administration	Water consumption Water and wastewater	Depletion of water resources	Normal Direct (control) Production	—	—	2×4=8 Medium	NOT SIGNIFICANT
Office and administration	Domestic sewage discharge Water and wastewater	Water pollution	Normal Direct (control) Production	—	—	2×5=10 Medium	NOT SIGNIFICANT

ACTIVITY	ASPECT	IMPACT	CONDITION · CONTROL · STAGE	OBLIGATION	EXISTING CONTROLS	SCORE	SIGNIFICANCE
Transport and distribution (own fleet)	Vehicle and forklift exhaust Emissions to air	Air pollution, Climate change	Normal Direct (control) Transport and delivery	—	—	2×5=10 Medium	NOT SIGNIFICANT
Transport and distribution (own fleet)	Noise and vibration Noise, odour and light	Nuisance to neighbours (noise, odour, dust, light), Harm to human health	Normal Direct (control) Transport and delivery	—	—	2×4=8 Medium	NOT SIGNIFICANT
Transport and distribution (own fleet)	Spills of oil or fuel Chemicals and spills	Soil and groundwater contamination, Water pollution	Emergency Direct (control) Transport and delivery	—	Bunded tank	4×2=8 Medium	SIGNIFICANT
Purchasing and outsourced processes	Environmental performance of suppliers and contractors Life cycle and value chain	Air pollution, Water pollution, Climate change	Normal Indirect (influence) Raw material acquisition	—	—	3×3=9 Medium	NOT SIGNIFICANT
Purchasing and outsourced processes	Use of raw materials Resources and materials	Depletion of natural resources	Normal Indirect (influence) Raw material acquisition	—	Regrind of in-house scrap	3×5=15 High	SIGNIFICANT
Purchasing and outsourced processes	Use of packaging materials Resources and materials	Depletion of natural resources, Landfill use and land degradation	Normal Indirect (influence) Raw material acquisition	—	—	2×5=10 Medium	NOT SIGNIFICANT
Products in use and at end of life	Use and end of life of the products sold Life cycle and value chain	Landfill use and land degradation, Climate change, Depletion of natural resources	Normal Indirect (influence) End of life	Customer requirement: recycled content in packaging	—	3×4=12 High	SIGNIFICANT

3 Action plan for significant aspects

Objectives, operational controls, monitoring, emergency preparedness, competence and supplier controls planned for each significant aspect.

Process wastewater discharge · Production and processing

16 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Discharge within permit limits: pre-treatment and operating checks	Operational control (8.1)	Daily pH and flow; treatment plant log	Procurement manager 2027-01-31 In progress
Wastewater sampling and testing by an accredited laboratory	Monitoring and measurement (9.1)	Results against permit parameters, monthly	Production manager 2027-03-31 Open
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	Maintenance engineer 2027-06-30 Open

Solvent and VOC emissions (painting, printing, cleaning) · Painting, coating and printing

16 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Preventive maintenance and combustion tuning of burners, generators and vehicles	Operational control (8.1)	Maintenance records and flue-gas tests	Maintenance engineer 2027-03-31 In progress
Stack or ambient air monitoring against permit limits	Monitoring and measurement (9.1)	Accredited laboratory results, as the permit requires	EHS manager 2027-06-30 Open
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	Procurement manager 2026-08-31 Overdue

Hazardous waste (oils, chemicals, contaminated rags, batteries) · Painting, coating and printing

16 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Hazardous waste stored in a bunded, labelled and covered area	Operational control (8.1)	Weekly inspection of the store	Production manager 2026-11-30 In progress
Disposal through licensed contractors with manifests	Externally provided processes and contractors (8.1)	Manifests and disposal certificates	Maintenance engineer 2027-01-31 Done
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	EHS manager 2027-03-31

Hazardous waste (oils, chemicals, contaminated rags, batteries) · Compressed air

16 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Hazardous waste stored in a bunded, labelled and covered area	Operational control (8.1)	Weekly inspection of the store	EHS manager 2026-11-30 Open
Disposal through licensed contractors with manifests	Externally provided processes and contractors (8.1)	Manifests and disposal certificates	Procurement manager 2027-01-31 Open

Hazardous waste (oils, chemicals, contaminated rags, batteries) · Maintenance and workshops

16 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Hazardous waste stored in a bunded, labelled and covered area	Operational control (8.1)	Weekly inspection of the store	EHS manager 2026-11-30 In progress
Disposal through licensed contractors with manifests	Externally provided processes and contractors (8.1)	Manifests and disposal certificates	Procurement manager 2027-01-31 Done

Hazardous waste (oils, chemicals, contaminated rags, batteries) · Waste storage area

16 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Hazardous waste stored in a bunded, labelled and covered area	Operational control (8.1)	Weekly inspection of the store	EHS manager 2026-08-31 Overdue
Disposal through licensed contractors with manifests	Externally provided processes and contractors (8.1)	Manifests and disposal certificates	Procurement manager 2026-11-30 Open

Electricity consumption · Production and processing

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Set an energy-reduction objective with a baseline and annual target	Objective and target (6.2)	kWh per unit of output, monthly	Maintenance engineer 2026-11-30 In progress
Energy efficiency measures (LED, VSDs, HVAC set points, switch-off routine)	Operational control (8.1)	Sub-meter readings, monthly	EHS manager 2027-01-31 Open

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Material efficiency objective (yield, scrap, packaging weight)	Objective and target (6.2)	Scrap rate and material per unit	Procurement manager 2027-03-31 Open
Prefer recycled or certified materials in purchasing	Externally provided processes and contractors (8.1)	Share of recycled or certified material	Production manager 2027-06-30 In progress

Water consumption · Production and processing

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Water-saving objective (meters, leak repair, reuse)	Objective and target (6.2)	m³ per unit of output, monthly	Maintenance engineer 2026-08-31 Done
Leak detection and repair routine	Operational control (8.1)	Leak log and meter trend	EHS manager 2026-11-30 Done

Electricity consumption · Packing and labelling

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Set an energy-reduction objective with a baseline and annual target	Objective and target (6.2)	kWh per unit of output, monthly	EHS manager 2027-01-31 In progress
Energy efficiency measures (LED, VSDs, HVAC set points, switch-off routine)	Operational control (8.1)	Sub-meter readings, monthly	Procurement manager 2027-03-31 Done

Electricity consumption · Compressed air

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Set an energy-reduction objective with a baseline and annual target	Objective and target (6.2)	kWh per unit of output, monthly	Production manager 2027-06-30 Done
Energy efficiency measures (LED, VSDs, HVAC set points, switch-off routine)	Operational control (8.1)	Sub-meter readings, monthly	Maintenance engineer 2026-08-31 Overdue

Electricity consumption · Air conditioning and chillers

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Set an energy-reduction objective with a baseline and annual target	Objective and target (6.2)	kWh per unit of output, monthly	Production manager 2027-03-31 In progress

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Energy efficiency measures (LED, VSDs, HVAC set points, switch-off routine)	Operational control (8.1)	Sub-meter readings, monthly	Maintenance engineer 2027-06-30 Done

Water consumption · Air conditioning and chillers

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Water-saving objective (meters, leak repair, reuse)	Objective and target (6.2)	m³ per unit of output, monthly	Maintenance engineer 2027-03-31 Open
Leak detection and repair routine	Operational control (8.1)	Leak log and meter trend	EHS manager 2027-06-30 In progress

Fuel combustion (boilers, generators, ovens) · Standby generators

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Preventive maintenance and combustion tuning of burners, generators and vehicles	Operational control (8.1)	Maintenance records and flue-gas tests	Procurement manager 2026-08-31 Done
Stack or ambient air monitoring against permit limits	Monitoring and measurement (9.1)	Accredited laboratory results, as the permit requires	Production manager 2026-11-30 Done

Use of raw materials · Purchasing and outsourced processes

15 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Material efficiency objective (yield, scrap, packaging weight)	Objective and target (6.2)	Scrap rate and material per unit	Production manager 2026-11-30 Open
Prefer recycled or certified materials in purchasing	Externally provided processes and contractors (8.1)	Share of recycled or certified material	Maintenance engineer 2027-01-31 Open

Noise and vibration · Production and processing

12 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Noise and odour controls (enclosures, timing, maintenance)	Operational control (8.1)	Boundary noise survey; complaints log	EHS manager 2026-08-31 Overdue

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Neighbour complaints procedure and response	Operational control (8.1)	Complaints and response times	Procurement manager 2026-11-30 Done
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	Production manager 2027-01-31 Done

Refrigerant leaks (air conditioning, chillers, cold stores) · Air conditioning and chillers

12 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Refrigerant leak checks and logbook for each system	Monitoring and measurement (9.1)	Leak checks by certified technicians; kg topped up	EHS manager 2026-08-31 Done
Plan replacement of high-GWP refrigerants	Objective and target (6.2)	Share of systems on low-GWP refrigerants	Procurement manager 2026-11-30 In progress
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	Production manager 2027-01-31 Open

Use and end of life of the products sold · Products in use and at end of life

12 High

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Consider environmental aspects in design (materials, energy in use, recyclability)	Operational control (8.1)	Design review checklist	EHS manager 2027-03-31 In progress
Environmental requirements in supplier and contractor contracts	Externally provided processes and contractors (8.1)	Supplier evaluation results	Procurement manager 2027-06-30 Done
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	Production manager 2026-08-31 Done

Spill or leak of chemicals · Painting, coating and printing

10 Medium

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Secondary containment (bunds, drip trays) for tanks and drums	Operational control (8.1)	Monthly bund inspection	Procurement manager 2027-06-30 In progress

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Spill kits at risk points and a spill response procedure	Emergency preparedness (8.2)	Spill drill twice a year	Production manager 2026-08-31 Overdue
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	Maintenance engineer 2026-11-30 Open

Spill or leak of chemicals · Fuel and chemical storage tanks

10 Medium

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Secondary containment (bunds, drip trays) for tanks and drums	Operational control (8.1)	Monthly bund inspection	EHS manager 2027-01-31 Done
Spill kits at risk points and a spill response procedure	Emergency preparedness (8.2)	Spill drill twice a year	Procurement manager 2027-03-31 In progress

Spills of oil or fuel · Standby generators

8 Medium

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Secondary containment (bunds, drip trays) for tanks and drums	Operational control (8.1)	Monthly bund inspection	Maintenance engineer 2027-01-31 In progress
Spill kits at risk points and a spill response procedure	Emergency preparedness (8.2)	Spill drill twice a year	EHS manager 2027-03-31 Open
Check compliance with the related permit or legal requirement	Monitoring and measurement (9.1)	Compliance evaluation, at least annually	Procurement manager 2027-06-30 Open

Spills of oil or fuel · Fuel and chemical storage tanks

8 Medium

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Secondary containment (bunds, drip trays) for tanks and drums	Operational control (8.1)	Monthly bund inspection	Production manager 2026-08-31 Overdue
Spill kits at risk points and a spill response procedure	Emergency preparedness (8.2)	Spill drill twice a year	Maintenance engineer 2026-11-30 Done

Spills of oil or fuel · Maintenance and workshops

8 Medium

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Secondary containment (bunds, drip trays) for tanks and drums	Operational control (8.1)	Monthly bund inspection	Production manager 2027-03-31 Done
Spill kits at risk points and a spill response procedure	Emergency preparedness (8.2)	Spill drill twice a year	Maintenance engineer 2027-06-30 In progress

Spills of oil or fuel · Transport and distribution (own fleet)

8 Medium

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Secondary containment (bunds, drip trays) for tanks and drums	Operational control (8.1)	Monthly bund inspection	EHS manager 2027-06-30 Done
Spill kits at risk points and a spill response procedure	Emergency preparedness (8.2)	Spill drill twice a year	Procurement manager 2026-08-31 Overdue

Fire or explosion · Fuel and chemical storage tanks

5 Low

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Emergency plan covering fire, spills and fire-water containment	Emergency preparedness (8.2)	Annual drill and review	Production manager 2027-06-30 Open
Fire detection, suppression and hot-work permits maintained	Operational control (8.1)	Inspection and maintenance records	Maintenance engineer 2026-08-31 Overdue

Fire or explosion · Waste storage area

5 Low

ACTION	TYPE	MONITORING, KPI OR EVIDENCE	OWNER · DUE · STATUS
Emergency plan covering fire, spills and fire-water containment	Emergency preparedness (8.2)	Annual drill and review	Production manager 2027-01-31 In progress
Fire detection, suppression and hot-work permits maintained	Operational control (8.1)	Inspection and maintenance records	Maintenance engineer 2027-03-31 Done

4 Process check against ISO 14001:2026

Clause 6.1.2 Environmental aspects and the clauses linked to it.

CLAUSE	REQUIREMENT	STATUS
4.3 · 6.1.2	Activities, products and services within the scope have been identified, including those of external providers.	In place
6.1.2	A life cycle perspective has been applied: aspects from raw materials to end of life that the organisation can control or influence.	In place
6.1.2	Normal, abnormal and reasonably foreseeable emergency conditions have been considered.	Partly
6.1.2 · 6.3	Planned or new developments, and new or modified activities, products and services, are assessed before they start.	In place
6.1.2	Criteria for determining significance are established and documented.	Partly
6.1.3	Compliance obligations related to each aspect are identified and linked to the register.	In place
4.2	Concerns of interested parties (neighbours, regulators, customers) are considered.	Not in place
4.1	Environmental conditions affecting the organisation (climate change, pollution levels, resource availability, biodiversity) are considered in the context.	In place
6.1.4	Risks and opportunities arising from environmental aspects and compliance obligations are determined and addressed.	Partly
6.1.5 · 6.2 · 8.1	Actions are planned for significant aspects and integrated into processes: objectives, operational controls, monitoring.	In place
6.1.2 · 7.4	Significant aspects are communicated across the organisation, including to contractors.	In place
6.1.2 · 7.5	Documented information on aspects, impacts, criteria and significant aspects is kept up to date.	Partly
6.1.2 · 9.3	The register is reviewed at least annually and after incidents, complaints or changes.	Partly

5 Significance criteria and references

	SEVERITY	LIKELIHOOD OR FREQUENCY
1	Negligible: confined to a small area, short and fully reversible.	Rare: not expected, only in exceptional circumstances.
2	Minor: on-site, limited quantity, quickly reversible.	Unlikely: could happen once in several years.
3	Moderate: on-site or local, noticeable, reversible with effort, or a legal limit approached.	Occasional: a few times a year.
4	Major: off-site effect, hazardous substance or large quantity, long-lasting, or a legal limit exceeded.	Frequent: monthly or weekly.
5	Severe: widespread or irreversible harm to people or the environment, regulator action likely.	Continuous: daily or part of normal operation.

Significance rules applied

Score = severity × likelihood (1 to 25). Levels: below 6 low; 6 to 11 medium; 12 to 19 high; 20 and above very high. An aspect is significant when its score is 15 or more, or it is linked to a compliance obligation, or it concerns interested parties, or it is an emergency with severity 4 or 5. Beneficial aspects are recorded but not scored as significant.

REFERENCES

- ISO 14001:2026 Environmental management systems: requirements with guidance for use (published April 2026; replaces ISO 14001:2015 and its 2024 climate change amendment; transition expected by May 2029)
- ISO 14001:2026 clauses applied: 6.1.2 Environmental aspects; 6.1.3 Compliance obligations; 6.1.4 Risks and opportunities (new sub-clause); 6.1.5 Planning action (6.1.4 in the 2015 edition); 6.2 Environmental objectives; 6.3 Planning of changes (new); 8.1 Operational planning and control; 8.2 Emergency preparedness and response
- ISO 14001:2015: clause 6.1.2 Environmental aspects keeps the same number, so the register also serves systems still certified to the 2015 edition
- ISO 14004:2016 Environmental management systems: general guidelines on implementation
- Saudi Environmental Law (Royal Decree M/165, 2020) and its executive regulations (National Center for Environmental Compliance)
- Egypt Environment Law No. 4 of 1994, amended by Law No. 9 of 2009, and its executive regulation
- UAE Federal Law No. 24 of 1999 on the protection and development of the environment

REVIEW AND APPROVAL

ROLE	NAME	SIGNATURE	DATE
Prepared by	Sara Al-Harbi, EHS manager		
Reviewed by			
Approved by	Khalid Omar, plant manager		

REVISION HISTORY

REVISION	DATE	DESCRIPTION
0	16 November 2026	First issue

Basis of preparation. Aspects, ratings and controls were identified and evaluated by the organisation's team; ITA has not verified them. The register supports ISO 14001:2026 clause 6.1.2 Environmental aspects (same clause number in the 2015 edition) and should be reviewed at least annually and whenever activities, products or services change.