



GREEN INDUSTRIES
ENVIRONMENTAL LABELING

PROGRAMME CRITERIA

2022

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Document Reference Number: EAD-EQ-TG-001-01

Revision Number: 01

Date: 01.11.2022

Important Notes

- This is a dynamic document and Programme criteria will be continuously assessed and amended to meet new regulatory requirements and / or ensure implementation of environmental practices and encourage innovation in the field of environmental protection and sustainability
- It is recommended that applicants review this document and prepare all the required documents before proceeding with the online application process as there is no save feature in the online application system.
- If the answer to the question is “Yes” evidences must be uploaded. The maximum size of uploads is

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Category 1.0

Demand Side Management

Entities that demonstrate accomplishments in conserving natural resources (e.g., power, water, and natural resources) and achieving more efficient use of resources in their operations.

DSM 1.1

Establishment and Implementation of a Detailed Energy Monitoring and Management Systems

To implement across manufacturing sites detailed energy monitoring at the process level, in conjunction with an energy management system that is certified or verified by a third party, in order to optimize energy consumption.

- An energy management system (EnMS) can be based on a standardized or customized form. Implementation according to an internationally accepted standard can give higher credibility to the EnMS and also open up opportunities for gaining certification against certain industry standards.
- Energy monitoring is a key element of implementing an energy management system, allowing a precise knowledge of energy flows occurring on a site.
- The level of detail required for monitoring needs to be tailored to the priorities established by the management system and may not be applied evenly throughout the factory: finer monitoring will be required for identified hotspots.
- Monitoring needs to be carried out at the appropriate responsibility/ management level to trigger action (and not be diluted in a more remote overhead), since the value of the information collected for monitoring is only as good as the energy-saving measure implemented as a reaction.

Question ID	Criteria	Client	Required Evidence(s)
DSM 1.1.1	Does the facility have a detailed energy policy, strategy and action plan? <i>This involves setting out how energy will be managed. It will contain an action plan of tasks, which will initially involve understanding the organisation's current position and establishing the management framework. Energy policy and action plan must be in place and reviewed regularly.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	A detailed energy policy, strategy and action plan document is located on site and is signed by the document controller and senior management. The energy policy, strategy and action plan are regularly reviewed and updated



Question ID	Criteria	Client	Required Evidence(s)
DSM 1.1.2	<p>Does the facility have an energy monitoring and management system that follows ISO 50001⁽¹⁾ standards and/or is it integrated in EMAS⁽²⁾?</p> <p>⁽¹⁾ ISO 50001 Energy Management: For organizations committed to addressing their impact, conserving resources and improving the bottom line through efficient energy management</p> <p>⁽²⁾ EMAS - Eco Management and Audit Scheme: EMAS helps organisations optimise their internal processes, achieve legal compliance, reduce environmental impacts, and use resources more efficiently.</p> <p><i>The implementation of an EnMS will preferably be done according to formal standards that require organisational improvements, such as ISO 50001. ISO 50001 is a standard introduced in 2011, which specifies the requirements for establishing, implementing, maintaining and improving an EnMS. It is modelled after ISO 14001 (environmental management standard) and ISO 9001 (quality management), but differs in that it requires an organisation to demonstrate that it has improved its performance. In addition, adherence to these standards will allow energy management efforts to be officially certified and recognised. Alternatively, organisations implementing EMAS can also integrate the aspect of energy management under the umbrella of the EMAS management system with a comparable level of requirements.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> The facility has an energy monitoring and management system that is ISO50001 certified and/or is integrated in EMAS. The facility has a nominated employee responsible for managing, implementing and updating the energy monitoring and management system.
DSM 1.1.3	<p>Is there an active commitment from senior management?</p> <p><i>Without the support of senior managers, the effectiveness of the energy management plan is likely to be compromised. Clear responsibilities for energy consumption must be allocated at corporate level and/or at plant level. A Comprehensive performance measurement against targets with effective management reporting must be in place.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Commitment statement signed by senior management Proof that energy performance reports are communicated and discussed with management
DSM 1.1.4	<p>Does the facility have a system for measuring and monitoring performance?</p> <p><i>Identifying energy savings is an ongoing process which must be supported by detailed energy monitoring and analysis to determine potential opportunities for saving.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Monitoring records Performance register Meeting minutes



Question ID	Criteria	Client	Required Evidence(s)
DSM 1.1.5	Does the facility maintain records of audits, close out reports?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Audit Reports • Close out Reports • Training Records
DSM 1.1.6	Does the facility maintain and implement a training Programmes for optimization of operations and conservation of resources? <i>Develop an induction plan for new staff and periodical training for all staff that include the following:</i> 1.0 Energy optimization and conservation 2.0 Water conservation 3.0 Maintenance and Leak Detection	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Training schedule • Training records • Training topics / agenda

DSM 1.2

Implementation of Practices to Increase Energy-Using Processes Efficiency

To ensure that high levels of energy efficiency are maintained, by conducting regular reviews of energy-using processes and identifying options for improved controls, management, repairs and/or equipment replacement.

Question ID	Criteria	Client	Required Evidence(s)
DSM 1.2.1	Does the facility carry out regular energy performance reviews? <i>It is important to have an accurate energy efficiency monitoring system. Based on the monitoring data, existing facility performance will be evaluated. Taking a systems approach to optimising these areas typically involves the following steps:</i> <ul style="list-style-type: none"> • Identify and document the conditions and specifications of the energy-using processes to provide a current systems inventory; • Determine the needs and the actual use to determine whether units are properly sized and meeting current requirements; • Develop guidelines for proactive repair/replacement decisions; • Develop and implement predictive and preventative maintenance Programmes. Continuous maintenance is also an essential aspect of long-lasting and high environmental performance. This includes activities such as cleaning, repair, re-calibration, testing, and/or the replacement of components. 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • List of energy consuming operations or equipment • Energy needs and sizing of units to meet requirements • Guidelines for proactive repair and maintenance • Copy of the predictive and Preventative Maintenance Programme



Question ID	Criteria	Client	Required Evidence(s)
DSM 1.2.2	<p>Does the facility implement a system for automation and timing to reduce baseload?</p> <p><i>A comprehensive plan should be devised, including all relevant energy consumers (production equipment, extraction systems, compressed air, dryers, pumps, tools,..etc.) On a larger time frame, switch-off plans for non-production periods (breaks, weekends, etc.) can be defined.</i></p> <p><i>On a shorter time frame, if instant energy data is available, this enables immediate control of deviations and switching off unnecessary equipment.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<p>Operational plan for energy consuming equipment / operations including:</p> <ul style="list-style-type: none"> Automation plan Timer schedule Switch off plan
DSM 1.2.3	<p>Does the facility implement zonal management for energy use?</p> <p><i>The same principle as the previous question applies to the space, rather than time, dimensions. Zonal management allows cutting off sections of networks which are temporarily not in use. As above, zoning can be scheduled or enacted automatically (presence sensors, valves) or manually.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<p>Zonal management plan including:</p> <ul style="list-style-type: none"> Automation plan Timer schedule Switch off plan
DSM 1.2.4	<p>Does the facility maintain a regular schedule for checking leaks and losses?</p> <p><i>Regular review with appropriate tools (infrared sensors for heat, ultrasound for air leaks, ...) together with prompt repair and maintenance will avoid losses going undetected for long periods and may also save additional costs by preventing further degradation of equipment.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Leak detection and repair plan Leak Inspection and monitoring records Repair and maintenance records
DSM 1.2.5	<p>Does the facility implement measures for energy saving (insulation, heat recovery, cogeneration or other technologies)?</p> <p><i>It should be checked regularly whether equipping an installation with more recent and generally more efficient technologies might be economically sensible. Since the processes carried out and/or the models manufactured at a plant may change, equipment purchased in previous years may no longer be optimal for its current application. Therefore, proper system reviews, repair, maintenance and upgrades are an essential part of ensuring continuous high performance.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Internal and/or external audit reports of energy saving efforts and system reviews Meeting minutes of energy savings review List of energy saving equipment / technologies used



Question ID	Criteria	Client	Required Evidence(s)
DSM 1.2.6	Does the facility maintain and implement a regular inspection schedule of system components? <i>Conduct regular system checks to ensure that operations are according to design specifications and expectations.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Inspection Schedule • Records of Inspections
DSM 1.2.7	Does the facility implement measures to optimize equipment efficiency to reduce energy consumption or use of energy efficient equipment? <i>In the selection of equipment, attention will be paid to the highest possible efficiency. In particular, sizing of the equipment and the optimisation of electric motor usage and all compressors installed.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Internal and/or external audit reports of efforts to improve efficiency • Meeting minutes of improving efficiency review • Maintenance records • Routine and regular review report of efficiency measures

DSM 1.3

Implementation of an integrated approach for optimization of lighting

To reduce energy use for lighting through a combination of optimal design, positioning, using efficient lighting technologies and zonal management strategies.

Question ID	Criteria	Client	Required Evidence(s)
DSM 1.3.1	Does facility implement measures to optimize daylight in combination with artificial light? <i>Wherever possible and desirable, daylight will be used in combination with artificial light, providing both energy savings during daytime and increased well-being.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Documented measures to optimize utilization of daylight including schedule, plant layout and conditions.
DSM 1.3.2	Is the lighting layout designed to optimize positioning of lights? <i>Optimising the positioning and distribution of luminaires: height and space between luminaires, within the constraints on maintenance, cleaning, reparability and cost.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Light positioning layout (pictures are acceptable) and design justification for implemented design
DSM 1.3.3	Does the facility use Energy Saving Lighting Equipment? <i>Increasing the efficiency of lighting devices: choice of efficient technical solutions (at system level) which deliver sufficient brightness for safe working.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Procurement plan for energy saving lighting equipment • Receipts for equipment



Question ID	Criteria	Client	Required Evidence(s)
DSM 1.3.4	Does the facility use lighting zonal / automation management? <i>Management of lighting on a “zonal” basis: lighting is switched on or off according to requirements and presence.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Zonal management plan including: <ul style="list-style-type: none"> • Timer schedule • Sensor layout or control method • Switch off plan

DSM 1.4

Water Use Strategy and Management

Question ID	Criteria	Client	Required Evidence(s)
DSM 1.4.1	Does the facility implement a water use management plan? <i>It is recommended to include direct and indirect water use/consumption in the analysis for sites and for portions of the supply chain that are the most water intensive.</i> <i>A best practice water footprint assessment will be carried out according to an internationally recognised standard. ISO 14046 is one of the of ISO 1404x series aiming to provide specific guidance on water use.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Water use management plan including a list of the high water consuming operations
DSM 1.4.2	Does the facility implement a water use monitoring Programme? <i>At the site/facility level, detailed monitoring systems are necessary to gain an accurate understanding – where possible, automatic meter readings will be used to reduce measurement errors. Software can be used to track water use against set indicators, and alarms will be raised if measurements fall outside of set ranges.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Monitoring records • Performance register • In case of facilities that do not have high water consumption operations, a copy of the monthly records of water consumption rates from ADDC or AAIC are sufficient
DSM 1.4.3	Does the facility maintain and implement a leakage identification and elimination strategy? <i>This includes installation of leak detection devices, regular inspection for leaks, availability of process to ensure that leaks are fixed</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Leak detection and repair plan • Inspection reports • Maintenance records • Evidence of leak control equipment (pictures or receipt)



Question ID	Criteria	Client	Required Evidence(s)
DSM 1.4.4	<p>Does the facility have and implement a water reduction plan with controls for the reduction of water use and/or non-water-based cleaning and rinsing solutions?</p> <ul style="list-style-type: none"> <i>The facility owner or operator takes all necessary measures to reduce water consumption. These measures differ depending on the activities within the facility, such measures include:</i> <ul style="list-style-type: none"> <i>Improve efficiency of operations</i> <i>Install flow restrictors on tap water supply line</i> <i>Use water efficient nozzles for spray rinsing/hosing</i> <i>Use timer rinse controls</i> <i>Install water efficient staff amenities</i> <i>Use ultrasonic cleaning processes</i> <i>Counter-flow rinsing (water flows in opposite direction to material)</i> <i>Inter-stage rinsing (uses overflow as an intermediate rinse stage immediately upstream)</i> 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Water reduction plan including list of consumption operations and list of measures to reduce consumption (implemented or planned to be implemented) Records of reduction in water use Routine and regular review of water reduction measures
DSM 1.4.5	<p>Does the facility Implement measures for reuse and/or recycle of water (eg. closed or semi closed water systems)?</p> <p><i>Take measures to ensure reuse of process water whenever possible by installation of semi or fully closed systems as well as installation of treatment systems to allow for reuse. The facility owner or operator can also reuse water generated from external sources.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Water reuse/recycling plan Water reuse/recycling monitoring Records of reuse and recycling of water Routine and regular review of water reuse and recycling measures



Category 2.0

Pollution Reduction

Recognize achievements by entities in reducing environmental impacts of operations through proper management and monitoring of emissions and application of best environmental practices.

Results, Approach, Deployment, Assessment and Review are the main elements for the assessment of pollution reduction category

Approach: This covers what a facility does and the reasons for it. Excellent facilities will have sound approaches. Having a sound approach means having a clear rationale that focuses on the facility's present and future needs; ensuring processes are defined and developed in order to support and deliver the approaches.

Deployment: This covers what a facility does to implement the approach and the extent to which the approach is present in the appropriate parts of the facility. In an excellent facility, the approach will be implemented in relevant areas in a systematic way. This means the deployment will be well planned and introduced in a manner suitable for the approach and the facility.

Assessment & Review: This covers what a facility does to review and improve both the approach and the deployment of the approach. In an excellent facility, the approach and deployment of it will be subject to regular measurement, learning activities will be undertaken, and the output from both will be used to identify, prioritize, plan and implement improvement.

Results: This covers what a facility is achieving through its operation and implementation. In an excellent facility, the results show positive trends and/or sustained good performance. Targets will be set at an appropriate level and met or exceeded. The link between approaches adopted and results achieved will be clear.

An excellent pollution reduction approach requires the systematic execution of an in-depth examination of the facility activities aspects influencing environmental issues. It provides the picture of the environmental footprint of the facility, which constitutes the basis for the development, implementation and continuous improvement of a sound pollution reduction policy and strategy with clear objectives and targets.

PR 2.1

Approach, Deployment and Assessment & Review

Question ID	Criteria	Client	Required Evidence(s)
PR 2.1.1	Does the facility perform analysis for identifying areas of improvement for pollution reduction?		
2.1.1.1	Processes are analysed	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Copy of the facility process flow diagram including unit operations, inputs and outputs • Description of operation variables • Description of quality control systems
2.1.1.2	Raw materials and products are analysed and areas of improvement / environmental concerns identified	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	This may include a copy of: <ul style="list-style-type: none"> • inventories of products and raw materials including relevant information during the last three years. • material (energy, water, raw materials, products, sub-products, etc.) mass balance. • list of identified areas of improvement (either in procedures, or material used, or preventative / emergency responses)
2.1.1.3	Emissions are analysed and areas of improvement / environmental concerns identified	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Copy of the process flow diagram of air emissions specifying: <ul style="list-style-type: none"> • emission sources • quantities generated • pollutants of concern depending on the nature of discharge (for example, CO₂, CO, NO_x, SO_x, particles, PM₁₀, dust, etc.) • list of identified areas of improvement
2.1.1.4	Wastewater is analysed and areas of improvement / environmental concerns identified	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Copy of the process flow diagram of wastewater discharges specifying: <ul style="list-style-type: none"> • sources of generation • quantities generated • pollutants of concern depending on the nature of discharge (for example, BOD, COD, grease & oil, heavy metals, phosphorus, etc.) • list of identified areas of improvement
2.1.1.5	Waste disposal/ management is analysed and areas of improvement / environmental concerns identified	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Copy of the process flow diagram of waste discharges specifying <ul style="list-style-type: none"> • sources of generation • Annual quantities generated • waste type / classification • cost related to their handling (i.e. environmental service providers) • Waste handling procedures • list of identified areas of improvement

Question ID	Criteria	Client	Required Evidence(s)
PR 2.1.2	<p>Does the facility have, implement, and maintain a comprehensive pollution reduction policy?</p> <p><i>Pollution reduction policy should reveal not only the commitment of management to the implementation, but also the commitment of the facility to comply with legal requirements and to involve all stakeholders (employees, suppliers, clients, etc.). Furthermore, the policy provides the framework for the establishment of objectives.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of pollution reduction policy showing the fundamental issues of policy are included such as top management commitment to implement it by developing, establishing, reviewing and updating the policy.
PR 2.1.3	<p>Is the pollution reduction policy or properly communicated (internally and externally)?</p> <p><i>If there is no policy available (PR 2.1.2), then the answer is N/A</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<p>This may include that:</p> <ul style="list-style-type: none"> Policy is communicated at every organizational level of the company (method of communication, for example, pictures showing display of the policy in all areas of the facility, or a copy of a news mail) Include questions during the facility audit related to employees knowing the policy contents and every change made to it Evidence of communicating the policy to all stakeholders
PR 2.1.4	<p>Is there an active commitment from senior management for implementation of the pollution reduction policy?</p> <p><i>If there is no policy available (PR 2.1.2), then the answer is N/A</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of policy with top management commitment to implement it. Copy of reports sent and discussed with management on policy performance including success achieving targets
PR 2.1.5	<p>Are appropriate objectives developed & updated?</p> <p><i>An excellent system requires the development and deployment of a sound strategy, which involves: the establishment of clear objectives and targets based on the policy development, the analysis and a systematic revision of legal requirements; the identification of suitable projects and initiatives at the fulfilment of such objectives and their plans. If there is no policy available (PR 2.1.2), then the answer is N/A</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the established objectives and targets to ensure they cover all environmental aspects

Question ID	Criteria	Client	Required Evidence(s)
PR 2.1.6	Does the facility identify appropriate pollution reduction projects/ initiatives? (Covering all relevant environmental subjects).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Number and details of projects implemented or planned in the past year. Details should include (depending on the project or initiative): <ul style="list-style-type: none"> • How the project helps in achieving pollution Reduction Policy targets? • Propose assessment of environmental outcomes of projects.

PR 2.2

Environmental Performance Results

Question ID	Criteria	Client	Required Evidence(s)
PR 2.2.1	<p>Do the environmental performance trends reflect the objectives?</p> <p><i>Excellent facilities achieve outstanding results with respect to the environment as pollution discharges are reduced. This enhances competitiveness, productivity and image, among others. Thus, key Emission Performance Indicators could be used to express and assess Environmental Results.</i></p> <p><i>Key emission performance indicators may include (depending on the activities within the facility):</i></p> <ul style="list-style-type: none"> • Wastewater: BOD charge, COD charge, greases & oils, phosphorus, heavy metals, etc., in terms of specific quantities (kg/production unit) • Solid waste: organic waste, paper, glass, hazardous waste, etc., in terms of specific quantities (kg/production unit) • Air emissions: CO₂, SO_x, NO_x, particles, dust, etc., in terms of specific quantities (kg/production unit) 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Copy of emission performance indicators and consumption performance indicators trends. To show the trends, data for the past three years are required, if not available for that period, then evidence of plan to monitor and report the KPIs including proposed report structure and frequency.



Question ID	Criteria	Client	Required Evidence(s)
PR 2.2.2	Does the facility implement measures for pollution prevention / reduction (technologies, processes) <i>The implemented mitigation measures can be either through introducing technology and equipment or using environmental practices and process. These mitigation measures are based on the identified pollution sources and the potential areas of improvement.</i>		
2.2.2.1	Air emissions	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of implemented measures for pollution prevention / reduction with respect to air emissions
2.2.2.2	Liquid discharges	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of implemented measures for pollution prevention / reduction with respect to liquid discharges
2.2.2.3	Soil and groundwater contamination	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of implemented measures for pollution prevention / reduction with respect to soil and groundwater contamination
2.2.2.4	Hazardous materials	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of implemented measures for pollution prevention / reduction with respect to hazardous material management
2.2.2.5	Waste management	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of implemented measures for pollution prevention / reduction with respect to waste management
2.2.3	Does the facility conduct pollution prevention and control training Programmes?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the training matrix showing the annual training plan, targeted staff, training material, attendance sheets, etc
2.2.4	Does the facility conduct periodic review and update of pollution reduction procedures, instructions, and guidelines?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of procedures, instructions, guidelines related to pollution reduction that was developed, implemented and updated

PR 2.3

Green House Gas Emissions (GHGs)

(These include CO₂, CH₄, N₂O, HFCs, PFCs, HF₆)

Question ID	Criteria	Client	Required Evidence(s)
PR 2.3.1	<p>Does your facility conduct a GHG inventory for the emissions associated with the activities conducted either during the process or energy and water consumption?</p> <p><i>The GHGs inventory include calculations of emissions from different sources including the emissions from the process, electricity and water consumption, usage of fossil fuels inside the facility for different purposes. The facility can use any software and should report on which scope the calculations were made.</i></p> <p>(please contact EAD for additional information on GHG emission calculators)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • GHG inventory for the facility
PR 2.3.2	<p>Does your facility implement mitigation measures to reduce GHG emissions?</p> <p><i>The facility to present what actions were implemented to reduce GHG emissions from different sources. The mitigation measures can include savings in electricity use or water consumption, the use of alternative sources of energy that emit low carbon, changes in the process that reduce the GHGs emitted or any other actions.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> • Report on the mitigation actions implemented by the facility
PR 2.3.3	<p>Is your facility a member in the Green Business Network (GBN)?</p> <p><i>The GBN is a platform supported by EAD to calculate and reduce GHG emissions and facilitate the exchange of experience among participants, EAD will provide the proof that the facility is an active member in the GBN.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> • A proof from Green Business Network team within EAD that the facility is a member in the network
PR 2.3.4	<p>Does your facility participate in offsetting projects?</p> <p><i>In cases where facilities support the reduction of GHGs outside the boundaries of the facility, the offset can be conducted within UAE or in other countries. Offsetting projects include planting, using renewable energy,...etc. The offset amount needs to be certified from an international entity.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> • a certificate showing the participation of the facility in offsetting projects



Category 3.0

Environmental Compliance

Entities that have an impeccable history of compliance with EAD requirements based on compliance score(s) that are included in EAD's monitoring, inspections and compliance system.

C 3.1 Managing Risks

Question ID	Criteria	Client	Required Evidence(s)
C 3.1.1	Has the facility identified the environmental legal framework governing its operations?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> A list of the environmental laws, regulations, standards, etc
C 3.1.2	Does the facility conduct environmental training on pollution prevention and control for the employees?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the training matrix showing the annual training plan, targeted staff, training material, attendance sheets, etc. The training should discuss facility potential pollution sources and the prevention control equipment / procedures
C 3.1.3	Does the facility implement the operational controls to ensure that best environmental practices are implemented?		
3.1.3.1	Hazardous Materials Storage	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the SOPs, procedures, TGDs, photos of the HazMat store showing the layout showing Classes segregation
3.1.3.2	Waste Management (Reduction, Recycling, Disposal)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the SOPs, procedures, TGDs related to recycling and reduction initiatives, disposal considerations. If ESP is used, other evidence can be provided to ensure that the ESP is Tadweer permitted, photos of the waste store, recycling showing the layout showing Classes segregation
3.1.3.3	Nonconformity Reports	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the NCR template describing an environmental incident/accident, corrective actions taken, and the preventive action to ensure that same issue will not reoccur



Question ID	Criteria	Client	Required Evidence(s)
3.1.3.4	Maintenance Reports for Pollution Control Equipment(s)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the pollution control equipment annual maintenance plan, maintenance records to ensure that timely action has been taken
3.1.3.5	Emergency Preparedness	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Availability of an emergency response plan, Evidence of conducting emergency training and performing emergency drills

C 3.2 Implementation

Question ID	Criteria	Client	Required Evidence(s)
C 3.2.1	Does the facility conduct internal inspections to ensure the operation of all controls and Programmes?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the last 3 internal inspection reports identifying the violations and the control measures needed to rectify the identified deviations
C 3.2.2	Does the facility have external audits to validate that their operations and control measures are coherent?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the 3 last Audit reports: Reports to include the process flow diagram, emission sources, control measures, inspection checklist, best environmental practices, etc.
C 3.2.3	Does the facility implement an environmental monitoring program?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of monitoring reports detailing pollutants of concern, their concentration and how they compare to the emission limits. For new facilities (< 1yr), a monitoring program to be implemented is sufficient.

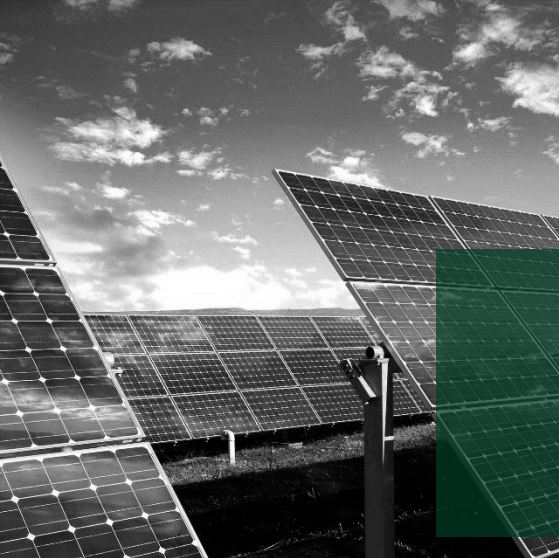
C 3.3 Management Review

Question ID	Criteria	Client	Required Evidence(s)
C 3.3.1	Does the leadership have periodic management reviews that address environmental aspects?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Copy of the MOM detailing that environmental concerns are regularly presented to the top management. Specific incidents/accidents should be discussed, and top management decisions have to be provided
C 3.3.2	Does the leadership review facility compliance history with EAD?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Proof that the top management is informed about the Environmental compliance history of the facility. In case of noncompliance, the management actions should be specified, proof of proper communication to all operation units

**C 3.4****Environment Agency – Abu Dhabi Field Visit**

This section is completed by the Environment Agency – Abu Dhabi inspection team during the scheduled site audit visit to the facility.

Question ID	Criteria
3.4.1	Silo Storage
3.4.2	Hazmat Store
3.4.3	Compressed Gases
3.4.4	Tanks (AST-UST)
3.4.5	Abrasive Blasting
3.4.6	Fugitive Dust
3.4.7	Conveyors
3.4.8	Boiler, Oven, and Dryers
3.4.9	Metal Casting
3.4.10	Industrial Furnaces
3.4.11	Painting
3.4.12	Powder Coating
3.4.13	Hot-Dip Galvanizing
3.4.14	Electroplating
3.4.15	Diesel Generator
3.4.16	Woodworking
3.4.17	Chlorine Gas Management
3.4.18	Pressure Vessel
3.4.19	Soil Contamination
3.4.20	Liquid Waste Management
3.4.21	Solid Waste Management
3.4.22	Odor Control
3.4.23	Noise



Category 4.0

Innovation

This award category recognizes novel approaches by entities that protect the environment, promote economic growth, and enhance the quality of life for Abu Dhabi residents.

I 4.1 Operations

This category presents the facility's intention to excel in environmental management and sustainable development. This category includes the adoption of management practices such as ISO 14001, the adoption of innovative measures and/or practices, reducing carbon footprint by using renewable energy sources in its operation and using innovative technologies and processes, encouraging the creativity of facility staff by implementing research and development Programmes that aims to reduce the adverse environmental impacts. The social nexus is another significant aspect of the innovation category. This includes the facility's commitments and initiatives to participate with local society in the campaigns to protect the environment and the membership with professional bodies such as the Green Business Network (GBN).

Question ID	Criteria	Client	Required Evidence(s)
I 4.1.1	Does the facility hold a valid environmental certification from an international body or is an active member of an environmental international organization / group?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none">• Copy of a valid international certificate or proof of active membership
I 4.1.2	Does the facility use one or more sources of renewable energy?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none">• As-built Layout drawings of the renewable energy (RE) source (PV or Wind turbine, etc) connected to the grid or directly to the device and Equipment specification
I 4.1.3	Are there any innovative measures taken to reduce production and/or consumption of environmental harmful products? <i>This includes products such as single use plastics and hazardous material.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none">• Proof of mitigation measures applied to reduce the production and / or consumption of environmental harmful products

Question ID	Criteria	Client	Required Evidence(s)
I 4.1.4	Does the facility contribute to environmental initiatives in the emirate aimed to protect environment (e.g., clean-up campaigns)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> Documentation of the initiative, event report, or social media post.
I 4.1.5	Does the facility introduce innovative technologies or procedures to reduce the negative impact on the environment?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> Manual or specification for the equipment, system or procedures along with monitoring results that demonstrate the innovative approach of negative impacts reduction with a comparison of the result with the conventional system
I 4.1.6	Does the facility implement an R&D Programme for enhancement of environmental performance?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Report that includes at least the scope of the research and development Programme, objectives, actions, and the resources utilized in this Programme.
I 4.1.7	Does the facility foster an innovative programme or workshops that encourage innovation and sharing of ideas to enhance environmental performance?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<ul style="list-style-type: none"> Proof of methodology used to foster innovation within the facility (workshops, platforms, regular meetings) List of ideas received with a highlight those that were implemented or in process of implementation

I 4.2

Biodiversity

Question ID	Criteria	Client	Required Evidence(s)
I 4.2.1	Does the facility have a conservation strategy for onsite activities and habitats?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Terrestrial and/or marine habitat conservation Programme onsite or offsite supported with a habitat map
I 4.2.2	Does the facility manage and maintain an off-site compensation strategy to encourage and maintain natural habitats/biodiversity?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Compensation plan or report prepared by an approved environmental consultant or recognized academic person or institute. The plan should provide information about habitat or species conserved or restored, with their locations along with the expected outcomes



هيئة البيئة - أبوظبي
Environment Agency - ABU DHABI

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