



## 1. Introduction

- 1.1 The Certification Scheme for Eco Labelling of Products/Services of the National Cleaner Production Centre, Sri Lanka (NCPCSL) is based on the requirements laid down in the *ISO 14024:2018* Environmental labels and declarations - Type 1 environmental labeling – Principles and procedures
- 1.2 This document sets out specific managerial and technical criteria for the management, processors who farm and feed animals, collect milk, produce and transport dairy products for sale or production of dairy products following the terminologies and aspects related to the concepts of sustainability management, during the processes involved. The aspects related to the sustainability management described in this document can be environmental impacts, energy security or socio-economic development, or any combination thereof.
- 1.3 The certification of Eco Labelling of Dairy Products is implemented on a set programme operated over a specified period as agreed with relevant parties. The NCPCSL functions as the scheme owner of this certification scheme. This document includes environmental criteria, function characteristics, and legal requirements related to dairy products.
- 1.4 This specific product environmental criteria document has been prepared by the Expert Committee on Eco Labelling appointed by the NCPCSL and authorized for adoption by the Board of Directors of NCPCSL. The dairy products manufacturers who are seeking eco-labeling certification are required to meet the following requirements.
- i) The product and processing conditions shall comply with the requirements given in the below NCPCSL guideline; and
  - ii) The product and processing shall comply with relevant regulations mentioned in this document and enforced in the country, as applicable; and
  - iii) The product should conform to the relevant national, regional, international recognized standards
- 1.5 This document supplements the below guideline and provides guidance for the certification of dairy products for both Assessors, and processors who are preparing for certification. Each criterion mentioned herein is categorized depending on the significance of its impact on the product environmental criterion or product function characteristic being discussed, e.g. energy, water, environment, or socio development, as follows.
- i) Mandatory requirements (M) – Related to the legal requirements and product functional characteristics
  - ii) Critical requirements (C) – Significant to product environmental criteria
  - iii) Non-critical requirements (NC) – Not so significant to product environmental criteria when compared to critical requirements
- 1.6 This document should also be read in conjunction with the Rules and Procedures of NCPC Sri Lanka as applicable to the Eco Labelling Certification scheme.
- 1.7 This document will be periodically reviewed and updated based on the experience gained and the developments that have taken place in technology and the use of energy and the environment. The term 'shall' is used in this document to indicate those provisions which are mandatory. The term 'should' is used to indicate the guidance which, although not mandatory, is provided by NCPCSL as a recognized means of meeting the requirements of the standard.
- 1.8 The Client should submit the relevant pieces of evidence for conformity verification for the last calendar year



## 2. References

In the preparation of this criteria document, the following documents were referred.

- 2.1 ISO 14020 – Environmental labels and declarations - General principles
- 2.2 ISO 14024 – Environmental labels and declarations- Type 1 environmental labeling– Principles and procedures
- 2.3 Guidelines for Providing Product Sustainability Information, UN Environment Programme, 2017

## 3 Terms and definitions

For the purpose of this document, the terms and definitions given in the referred standards and the following shall apply.

**3.1 Conformity:** fulfillment of a requirement

Note: Conformance and compliance are synonymously used for conformity but deprecated.

**3.2 Verification:** confirmation through the provision of objective evidence that specified requirements have been fulfilled.

**3.3 Organization:** The Applicant organization hereinafter referred to as an organization.

Certification Criteria Requirements	Weighting Factor
<b>4) Phase: Raw Material Extraction</b>	
<b>4.1 Collection Centre</b>	
a) Legal Approval should be obtained from the Pradeshiya-sabha to operate the milk collection center in the area  <i>Conformity verification</i> Valid License obtained from the Pradeshiya sabha	M
b) Following qualitative and quantitative milk tests should be carried out daily basis and records should be maintained  Fat Test Lactometer reading (LR)/ Solid Not Fat (SNF) pH/Acidity/Titratable Acidity (TA) Alcohol Test Keeping Quality of Milk (KQ) test Clot on Boiling test (COB)  Conformity Verification Milk Quality/Quantity test reports are maintained on a daily basis	M
<b>4.2 Chilling Centre</b>	
a) Raw milk should be stored under less than 4 °C temperature at chilling centers  <i>Conformity verification</i> <i>Records on milk storage conditions are maintained</i>	C
b) Energy Efficient refrigeration systems and refrigerated spaces should be maintained  <i>Conformity verification</i>	C



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<i>The records of refrigeration systems are maintained, Details of the refrigerators are available</i>		
c) The surrounding environment of the chilling center should be clean at all times.  <i>Conformity verification</i> <i>Site inspection in the chilling center</i>		C
d) Any type of additives should not be added to the milk at the chilling center  <i>Conformity verification</i> <i>Milk Quality control records are available in the chilling center</i>		C
e) Following qualitative and quantitative milk tests should be carried out on daily basis and records should be maintained  Fat Test Lactometer reading (LR)/ Solid Not Fat (SNF) pH/Acidity/Titratable Acidity (TA) Alcohol Test Keeping Quality of Milk (KQ) text Clot on Boiling test (COB)  Conformity Verification Milk Quality/Quantity test report in daily basis		M
f) The wastewater discharge systems should be arranged in such a way that avoids cross-contamination.  <i>Conformity verification</i> <i>The chilling center has developed infrastructure for proper management of wastewater collection, treatment (if necessary), and discharge</i>		C
g) Generator Facility should be readily available in the Chilling centre as the backup power source, in case of power failures  <i>Conformity verification</i> <i>The chilling center has installed a Generator in the facility</i>		C
<b>4.2 Transport to the factory</b>		
a) Appropriate measures should be taken to minimize oil/fuel consumption and air emissions.  <i>Conformity verification</i> Fuel consumption records and the emission test reports of the milk carrying vehicles are available		C
b) The industry should use insulated vehicles to transport milk from the chilling center to the factory if the traveling time exceeds 1 hour  <i>Conformity verification</i> <i>Records on milk carrying vehicles are available and onsite inspection in the facility, temperature records on milk loading and unloading are available</i>		C
<b>5) Phase: Processing/ Manufacturing</b>		
<b>5.1 General Requirement</b>		



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a) Environmental Management System (EMS) may be implemented in the organization  <i>Conformity verification</i> <i>Valid ISO 14001 EMS certificate</i> <i>Environmental Policy, Environmental Objectives</i> <i>Planned actions to address environmental aspects, environmental risks, compliance obligations</i> <i>Evidence for continual improvement</i>	NC
a) Documented Environmental Management Roadmap may be developed to address the potential environmental problems of the organization  <i>Conformity verification</i> Environment management roadmap of the organization	NC
<b>5.2 Water resource consumption and conservation</b>	
a) Infrastructure should be maintained to quantify the water usage for industrial processes and domestic purposes  <i>Conformity verification</i> <i>Water supply metering and submetering facilities established in the organization</i> <i>Water consumption records are maintained on a daily/monthly basis</i>	C
b) Supply water purification should be carried out to meet the food-grade water quality requirement.  <i>Conformity verification</i> <i>Water purification plant is available and records maintained</i>	C
c) Water consumption should be maintained to be less than 9l per 1l of milk processed. (if the water consumption exceeds this values, it should reduce by 3% per product output from last year has to be reported)  <i>Conformity verification</i> <i>The organization is maintained water consumption and production records</i>	C
d) Water conservation techniques and technologies should be implemented so that water efficiency is maintained while guaranteed the product quality  <i>Conformity verification</i> <i>Site inspection regarding the implementation of Water conservation techniques and technologies</i>	C
e) The used water may be recirculated, at least for other purposes (eg: gardening, toilet flushing, cooling purposes, etc) by a minimum of 5% of total water consumption  <i>Conformity verification</i> <i>Water consumption and recirculation records are maintained</i>	NC
f) Organizational/product water footprint may be calculated, recorded, and maintained.  <i>Conformity verification</i> <i>The transparent and verifiable calculation method is available</i>	NC
<b>5.3 Energy resource consumption and conservation</b>	
a) Infrastructure should be maintained to quantify the energy usage for industrial processes and other purposes in the organization	C



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<p><i>Conformity verification</i> <i>Electricity sub-metering facilities established in the organization</i> <i>Electricity/Fuel consumption records are maintained on a daily/monthly basis</i></p>	
<p>a) No of units (kWh) of electricity consumption per unit of production output should reduce by minimum 1% from last year has to be reported</p> <p><i>Conformity verification</i> <i>Electricity consumption records and production records are maintained</i></p>	C
<p>b) Fuel consumption for steam generation should be reduced from the previous year fuel consumption</p> <p><i>Conformity verification</i> <i>fuel consumption records and production records are maintained</i></p>	C
<p>c) Generator Facility should readily available in the organization as the backup power source, in case of power failures</p> <p><i>Conformity verification</i> <i>Site verification of the Generator room, records relevant to the generator (fuel consumption record, maintainance record)</i></p>	C
<p>d) Effective energy management policies, procedures, and energy management programmes should be implemented by the organization</p> <p><i>Conformity verification</i> Records on Energy management Policy, procedures, and energy management programmes are maintained</p>	C
<p>e) Appropriate measures should be implemented to improve energy efficiency in the organization</p> <p><i>Conformity verification</i> <i>Site inspection relevant to the energy efficiency measures implemented</i></p>	C
<p>f) The organization should take measures to substitute nonrenewable energy sources with renewable energy</p> <p><i>Conformity verification</i> <i>The energy requirement is supplied from the Biomass boiler</i> Electricity Generation from the Solar power systems</p>	C
<p>g) Organizational/product carbon footprint (assertion of GHG emission) may be calculated, recorded, and maintained.</p> <p><i>Conformity verification</i> <i>A transparent and verifiable calculation method is available.</i></p>	NC
<b>5.4 Material consumption</b>	
<p>a) Input material usage including milk should be quantified</p> <p><i>Conformity verification</i> <i>Material consumption records are maintained on a daily/monthly basis</i></p>	C
<p>b) Best available technologies and best environmental practices must be implemented in the organization</p>	C



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<i>Conformity verification</i> <i>Site inspection in the milk processing plant</i>	
<b>5.5 Chemicals Consumption</b>	
a) Sound chemicals management practices including storage, using, the disposal should be implemented and maintained  <i>Conformity verification</i> <i>Site inspection regarding the implementation of chemicals safety best practices</i>	C
b) Chemicals safety best practice guidelines should be communicated to the relevant workers  <i>Conformity verification</i> Chemicals safety best practice guidelines are available Interview relevant workers during the site inspection	C
c) Chemicals accidents preparedness plan and fire safety management plan should be implemented.  <i>Conformity verification</i> <i>Chemicals accidents preparedness plan is available.</i> <i>An evacuation plan is available and the fire extinguishers, fire alarm, fire hydrant, etc have established</i>	C
<b>5.6 Effluent and Waste Management</b>	
<b>5.6.1 Effluent management</b>	
a) Industrial wastewater should be treated to meet the Central Environment Authority (CEA) stipulated standards under National Environmental Act No. 47 of 1980 before discharge.  <i>Conformity verification.</i> <i>Laboratory test reports of wastewater have met CEA regulations</i>	M
<b>5.6.2 Solid waste management</b>	
a) Effective waste management policies and programmes should be implemented.  <i>Conformity verification</i> <i>The records on waste management are maintained</i>	C
<b>5.7 Milk/Product Quality Control</b>	
a) Adultration tests shall be carried out on daily basis for identification of adultrants ( <i>Formalin, Urea, Starch, Neutrilizers, Detergents, Sodium Chloride, Skim milk powder, Sugar, Glucose, Hydrogen Peroxide, etc</i> ) in the raw milk/input milk and shall not use adultrated milk for manufacturing processes  Conformity Verification Daily basis quality test reports for identification of adultrants in the input milk are maintained	M
b) Random tests to detect Aflatoxin in milk should be carried out to ensure the safety of the dairy products.  Conformity Verification Laboratory test reports are available and records are maintained	M
<b>6) Packing and Labelling Requirements</b>	
a) Recyclable Packaging materials may be used for packaging purposes	NC



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<i>Conformity verification</i> <i>Records on types and quantities of packaging materials used are maintained</i>	
b) Product packages/Labels shall be legibly printed with all the required information specified in the Consumer Affairs Authority Act, No. 09 Of 2003  <i>Conformity verification</i> Onsite verification of finished product/packages	M
c) A traceability system should be maintained to trace the finished product back to the production batch  <i>Conformity verification</i> <i>maintain traceability records indicating products back to the production batch</i>	C
<b>7) Phase: Distribution</b>	
a) The cold chain should be maintained according to the national norms  <i>Conformity verification</i> <i>The records on finished products distribution are maintained</i>	C
b) Efficient transport modes/plan may be used for finished product distribution  <i>Conformity verification</i> Transport management plan/Product distribution plan is maintained	NC
c) Real time digital tracking/monitoring system (GPS,etc) may be installed and maintained for product distribution management  <i>Conformity verification</i> Onsite verification on digital tracking/monitoring system of the organization	NC
<b>8) Social Justice</b>	
a) The Shop and Office Employees' Act No. 19 of 1954 and ILO Convention No. 182 on the worst forms of child labor, 1999 should be implemented.  <i>Conformity verification</i> Compilation of employees' details (Personnel files) are maintained	M
b) ILO Convention 155 on Occupational Health and Safety should be implemented in the organization <i>(The convention aims to prevent accidents and injury to health arising out of, linked with or occurring in the course of the working environment)</i>  <i>Conformity verification</i> <i>Accidents records/registry of employees are maintained</i>	C
d) Occupational Health and Safety practice guidelines should be developed and communicated to the relevant workers  <i>Conformity verification</i> Occupational Health and Safety practice guidelines are available Interview relevant workers during the site inspection	C
<b>9) Legal Requirements</b>	



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a) The Environmental Protection License (EPL) should be obtained and implemented all its requirements  <i>Conformity verification</i> Valid Environmental Protection License is available	M
b) All production activities and products should comply with the requirements of the relevant national legislation in Sri Lanka  <i>Conformity verification</i> Compilation of all the applicable Environmental and other Regulations are maintained	M
<b>10) Specific Requirements</b>	
The applicant may implement a HACCP or ISO 22000 Food Safety Management System (FSMS) programme.  <i>Conformity verification</i> <i>A valid certificate is available</i>	NC

### **INSTRUCTIONS FOR USERS**

If the farmland Management is applicable to the scope of the certification, the additional criteria given in Annex: A are also applicable

This criteria document contains 48 requirements; 10 Mandatory requirements, 29 critical requirements, and 9 non-critical requirements. marks are allocated for each criteria except Mandatory criteria. At least 70% of the total marks allocation for the criteria shall be scored from the applicant for being successful in the Eco Labelling certification process.

### **Mandatory Requirements**

When the adequacy audit of the organization's application is conducted, there shall be no non-compliance related to the mandatory requirements, and if any nonconformity is reported during the adequacy audit stage that shall be corrected before the verification.

### **Critical Requirements**

If any violation of critical requirements is found during the verification visit, a major nonconformity will be raised, and for which suitable corrective action shall be taken within two months.

For minor nonconformities, the company should submit suitable corrective actions for each finding within three weeks to grant the eco-label certification.

### **Non-critical Requirements**

If any violation of non-critical requirements is found during the verification visit, only minor nonconformity will be raised. The organization could take suitable corrective action within three weeks to grant the certification. This approach is applicable to surveillance verification audits as well.





## Annex: A

11. Requirements in the Farm	
<b>11.1 Planting material</b>	
a) Choice of planting materials, rootstocks, seed quality should be known before use.  <i>Conformity verification</i> <i>Records relevant to the seeds purchasing are available, seed certification records are available</i>	C
b) A resistant pasture variety for pests and diseases may be selected.  <i>Conformity verification</i> <i>Seeds supplier report has obtained and maintained</i>	NC
c) Growing of any genetically modified plants for animal consumption should comply with all the regulations in the country and there shall not be an impact on animals or humans and the environment.  <i>Conformity verification</i> <i>Compilation of legal requirement is maintained</i>	M
<b>11.2 Fertilizer Management</b>	
a) Fertilizer stock records may be kept up-to-date and made available for inspection.  <i>Conformity verification</i> <i>Fertilizer stock records are maintained</i>	NC
b) Fertilizers should not be stored in the same compartment as pesticides. If this is not possible, fertilizer and pesticides shall be physically separated and labeled accordingly.  <i>Conformity verification</i> <i>Fertilizer stocks maintenance plan has implemented for site inspection and records are maintained</i>	C
c) Fertilizers shall be stored in a covered, clean, and dry location where there is no risk of contamination of water sources and should not touch the direct floor. Fertilizers should not be stored with nursery stock and milk production.  <i>Conformity verification</i> <i>Fertilizer stocks maintenance plan has implemented for site inspection and records are maintained.</i>	C
d) Used fertilizer bags should not be reused to store food/milk products or as food contact materials.  <i>Conformity verification</i> <i>Fertilizer stocks maintenance plan has implemented for site inspection and records are maintained.</i>	C



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e) Fertilizer based all hazard and risk areas to human and animal may be indicated.  <i>Conformity verification</i> <i>Site inspection in the facility</i>	NC
f) The type, amount, and timing of fertilizer inputs and taking account of all sources of nutrients may match with plant requirements and minimize the risk of losses.  <i>Conformity verification</i> <i>The Industry should maintain an input-output balance record of the use of stocks of fertilizer.</i>	NC
g) Application rates of either mineral or organic fertilizers should be applied in accordance with national legislation (e.g. nitrate sensitive areas) and meet the needs of the crop as well as maintaining soil fertility.  <i>Conformity verification</i> <i>Fertilizer spreading equipment should be calibrated and well maintained.</i>	C
<b>11.2.1 Use of organic fertilizer</b>	
a) Organic fertilizer should be stored in an appropriate manner to reduce the risk of contamination of the environment.  <i>Conformity verification</i> <i>The Industry shall establish instructions for handling fertilizers.</i>	C
b) Whenever organic fertilizer is applied, proper treatment procedures should be followed before their application to the crop. Organic fertilizing in open field cultivation should be based on nutrient management plans. The source of organic fertilizers used may be recorded.  <i>Conformity verification</i> <i>The Industry shall establish instructions for handling fertilizers and maintain the sources of organic fertilizers.</i>	NC
c) Treated manure should always be kept covered and away from the water source, production areas, and post-harvest processing and packing areas.  <i>Conformity verification</i> <i>The Industry shall establish instructions for handling fertilizers.</i>	C
d) Organic manure should not be applied near the crop at maturity or harvest time.  <i>Conformity verification</i> <i>Organic manure shall be applied before the harvest of crops following the recommended periods prescribed by the Department of Animal Production and Health.</i> <i>The Industry shall establish instructions for the handling of fertilizers.</i>	C
<b>11.3 Pest management</b>	
<b>11.3.1 Storing of pesticide/ weedicide and pest control chemicals</b>	
a) Crop protection products should be stored safely and securely.  <i>Conformity verification</i> <i>Storage facilities should be constructed of suitable materials, well ventilated, well lit, and located where risks to the environment or human health are minimized in case of fire, spillage, flooding, or other emergencies.</i>	C
b) Pesticide stock records may be kept up-to-date and made available for inspection.	NC



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<p><i>Conformity verification</i> <i>A current record of pesticides shall be kept in the stores.</i></p>	
<p>c) The selection of crop protection products should be in accordance with the recommended crop – pest combinations.</p> <p><i>Conformity verification</i> <i>The Industry should provide crop protection products used for inspection.</i></p>	C
<p>d) The use of pesticides to protect the pasture crop may be minimized.</p> <p><i>Conformity verification</i> <i>The Industry should maintain records of usage of pesticides.</i></p>	NC
<p>e) Pesticides should be selected on a rotational basis in order to prevent the development of resistance.</p> <p><i>Conformity verification</i> <i>The Industry shall select the least persistent and least hazardous pesticide from a list of choices for the same use. Crop producers shall not over-dose applicable recommendations.</i></p>	C
<b>11.3.2 Application of pesticide</b>	
<p>a) When mixing crop protection chemicals, the correct quantity of spray mixture should be selected for proper coverage of crop or crop canopy.</p> <p><i>Conformity verification</i> <i>The corresponding dilution should be calculated accurately not exceeding the recommended dosage and be recorded.</i> <i>Pesticides and/or crop protection products shall never be mixed before they are used unless specific guidance and /or recommendation are indicated.</i></p>	C
<p>b) Surplus spray mixtures and washings should be disposed of according to local legislation and to prevent surface and groundwater contamination.</p> <p><i>Conformity verification</i> <i>The Industry shall maintain records of disposal of surplus spray mixtures and washings.</i></p>	C
<b>11.3.3 Empty pesticide containers</b>	
<p>a) Pesticide containers should be disposed of or destructed properly and not reused.</p> <p><i>Conformity verification</i> <i>Disposal or destruction of empty containers shall be in accordance with the Disposal of Scheduled Waste under the National Environmental Act No. 47 of 1980.</i> <i>Empty containers shall be triple - rinsed with clean water. The rinsed water shall be used to make up the spray mixture.</i> <i>Empty containers shall be kept stored in a secure manner until their disposal. Plastic containers shall be dented and/or pierced before storing, but shall not be burnt.</i></p>	C
<b>11.3.4 Integrated pest management system</b>	
<p>a) Farm producers may apply recognized Integrated Pest Management (IPM) techniques when and wherever possible.</p> <p><i>Conformity verification</i> <i>The Industry shall establish IPM techniques.</i></p>	NC
<p>b) Reliable information on farm inputs and techniques used on the farm may be recorded.</p>	NC



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<i>Conformity verification</i> <i>The Industry should maintain records of farm inputs and techniques used.</i>	
<b>11.4 Soil management</b>	
<b>11.4.1 Control of soil erosion</b>	
a) Field cultivation techniques that minimize soil erosion should be adopted.  <i>Conformity verification</i> <i>The Industry shall develop cultivation techniques.</i>	C
b) Farming operations should be done to minimize direct and indirect losses of sediment and nutrients to the water, and maintain or enhance soil structure, where agronomical appropriate.  <i>Conformity verification</i> <i>Expose periods of soil between crops/ pasture to reduce the risk of erosion, overland flow, and leaching should be minimized.</i> <i>The risk of the overland flow of sediment and fecal bacteria on the property shall be identified and should implement control measures to minimize the transport of these to water bodies.</i>	C
c) Farm tracks, gateways, water troughs, self-feeding areas, stock camps, wallows and other sources may be located and managed runoff to minimize risks to water quality.  <i>Conformity verification</i> <i>The Industry shall submit a site location map.</i>	NC
<b>11.5 Water management</b>	
<b>11.5.1 Water for pasture crop</b>	
a) The amount of water drawn from the environment should be minimized. The release of polluted water into the eco-system should be prevented.  <i>Conformity verification</i> <i>Water for irrigation should be used carefully and adequate use of inputs should be made to preserve the volume and quality of water reserves and courses.</i>	C
b) Water uses for farm activity should be optimized and pasture lands shall be managed to avoid an effluent runoff by spreading farm manures in accordance with local conditions.  <i>Conformity verification</i> <i>The Industry shall maintain records of usage of water.</i>	C
<b>11.5.2 Water for other uses</b>	
a) The amount of water used for other purposes of the farm may be managed to meet plant demands and to minimize the risk of leaching and runoff.  <i>Conformity verification</i> <i>The Industry shall calibrate and operate irrigation systems to minimize the amount of water needed to meet production and other objectives.</i>	NC
<b>11.6 Storing of fuel</b>	
a) Fuels shall be stored safely and securely avoiding any leakage.  <i>Conformity verification</i> <i>Storage facilities shall be constructed of suitable materials and located where risks to the environment or human health are minimized, in case of fire, spillage, flooding, or other emergencies.</i>	C
b) The fire protection equipment may be installed and train workers for fire protection.	NC



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<p><i>Conformity verification</i> <i>The Industry shall maintain up-to-date valid fire protection equipment and produce training records of fire protection equipment.</i></p>	
<p>c) Fuels shall not be stored with pesticides and fertilizers.</p> <p><i>Conformity verification</i> <i>The Industry must maintain site plans of usage of fuels, pesticides, and fertilizers.</i></p>	C
<b>11.7 Air pollution and noise control</b>	
<p>a) Odors emanating from the dairy herd and of the effluent storage and noise generated should be minimized to preserve the air quality and minimize nuisance to the public.</p> <p><i>Conformity verification</i> <i>Environmental Protection License (EPL) is a legal requirement and the industry has to comply with all emissions according to the relevant standards established under the CEA.</i></p>	M
<b>11.8 Energy management</b>	
<p>a) Farm activity should be planned to continually optimize energy use.</p> <p><i>Conformity verification</i> <i>Energy assessment must be performed in order to identify the areas for minimizing the relative use of non-renewable resources and maximizing the relative use of renewable energies. Wherever possible, the farm should strive to reduce the use of non-renewable sources of energy and increase the use of renewable sources of energy.</i></p>	C
<b>11.9 Waste management</b>	
<b>11.9.1 Farm effluent and wastewater management</b>	
<p>a) The farm should continuously reduce, reuse, and recycle the quantity of waste and by-products of the harvest and processing that it generates.</p> <p><i>Conformity verification</i> <i>The Industry shall maintain records of effluent and wastewater management.</i></p>	C
<p>b) Sufficient, suitable storage should be available to enable farm effluent and wastewater to be stored when soil or weather conditions do no suit for application.</p> <p><i>Conformity verification</i> <i>The Industry shall maintain records of effluent and wastewater management.</i></p>	C
<p>c) Storage may have facilities to be sealed.</p> <p><i>Conformity verification</i> <i>The Industry shall maintain a site plan for verification.</i></p>	NC
<b>11.9.2 Solid waste management</b>	
<p>a) Animal and human wastes should be stored and managed to minimize the risk of environmental pollution.</p> <p><i>Conformity verification</i> <i>Farm wastes shall be managed properly to optimize their agronomic value by proper handling, and if possible recycling of waste generated by the farm.</i> <i>To obtain an EPL, the industry has to comply with all emissions according to the relevant standards of Wastewater Gazette No. 1534/18 of 2008 and maintain records.</i></p>	C



<b>11.10 Transportation</b>	
a) Appropriate measures may be taken to minimize noise, discharging of oil or fuel, or air emissions.  <i>Conformity verification</i> <i>The Industry must maintain records of noise measurements, discharging of oil or fuel or air emissions.</i>	NC
b) A traceability system should be maintained during the transportation that should be able to trace the farm input, product back to the farm, date of harvest and grade, and type of the produce.  <i>Conformity verification</i> <i>The Industry shall maintain traceability records indicating farm input, product back to the farm, date of harvest and grade, and type of the produce.</i>	C
<b>11.11 Biodiversity protection</b>	
a) Dairy farming practices may preserve and improve the habitat for animal and plant species as well as biodiversity on and around the farm to maintain or enhance biological diversity on the farm.  <i>Conformity verification</i> <i>The Industry must be aware of animal and plant species as well as biodiversity on and around the farm.</i>	NC