

IFCC Scheme

2017-07-28

PEFC Standard and System Requirements Checklist IFCC Forest Certification Scheme



INDONESIAN FORESTRY CERTIFICATION COOPERATION (IFCC)
KERJASAMA SERTIFIKASI KEHUTANAN INDONESIA (KSK)

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1 Purpose

The purpose of this Informative Guide is to assist the assessment against the PEFC Council's core documents as listed in chapter 5 of PEFC GD 1007:201x.

Any inconsistencies between this text and the original referred to document will be overruled by the content and wording of the technical document.

**PART I: STANDARD AND SYSTEM REQUIREMENT CHECKLIST FOR GROUP
FOREST MANAGEMENT CERTIFICATION (PEFC ST 1002:2010)**

1 SCOPE

Part I covers requirements for group forest management certification as defined in PEFC ST 1002:2010, *Group Forest Management Certification – Requirements*.

2 CHECKLIST

Question	YES/ NO*	Reference to Scheme Documentation
General		
4.1 Does the forest certification scheme provide clear definitions for the following terms in conformity with the definitions of those terms presented in chapter 3 of PEFC ST 1002:2010:		
a) the group organisation,	Yes	Clause 3.8 of IFCC PD 1005: Group organisation
b) the group entity,	Yes	Clause 3.4 of FCC PD 1005: Group entity
c) the participant,	Yes	Clause 3.14 of IFCC PD 1005: Participant
d) the certified area,	Yes	Clause 3.2 of IFCC PD 1005: Certified area
e) the group forest certificate,	Yes	Clause 3.5 of IFCC PD 1005: Group forest certificate
f) the document confirming participation in group forest certification.	Yes	Clause 3.15 of IFCC PD 1005: Document confirming participation in group forest certification
4.1.2 In cases where a forest certification scheme allows an individual forest owner to be covered by additional group or individual forest management certifications, the scheme shall ensure that non-conformity by the forest owner identified under one forest management certification scheme is addressed in any other forest management certification scheme that covers the forest owner.	No	It is necessary to be underlined the function of Community Standard in developing further policies regarding IFCC position to other schemes. IFCC considers other schemes but it does not mean to recognize them as equal to IFCC standard. As long as the other scheme is conformed with IFCC/PFC, IFCC will consider it. Regarding SVLK, IFCC requires the management unit to comply with SVLK requirements prior to achieve IFCC certification. However, correction request needed by SVLK is considered as activities to fulfill SVLK standard requirement, not IFCC standard requirements.
4.1.3 The forest certification scheme shall define requirements for group forest certification which ensure that participants' conformity with the sustainable forest management standard is centrally administered and is subject to central review and that all participants shall be subject to the internal monitoring programme.	Yes	Clause 4.4.1 of IFCC PD 1005: The procedure requires that the group management system ensuring participants' conformity with the sustainable forest management standard shall be centrally administered and subject to central review. All participants shall be subject to the internal monitoring and annual audit programme.
4.1.4 The forest certification scheme shall define requirements for an annual internal monitoring programme that provides sufficient confidence in the conformity of the whole group organisation with the sustainable forest management standard.	Yes	Clause 5.1.1-i of IFCC PD 1005: to operate an internal monitoring programme that provides for the evaluation of the participants' conformity with the certification requirements

		Clause 5.1.1-j of IFCC PD 1005: to operate an annual internal audit programme covering both group members and group entity
Functions and responsibilities of the group entity		
4.2.1 The forest certification scheme shall define the following requirements for the function and responsibility of the group entity:		
a) To represent the group organisation in the certification process, including in communications and relationships with the certification body, submission of an application for certification, and contractual relationship with the certification body;	Yes	Clause 5.1.1-b of IFCC PD 1005: to represent the group organisation in the certification process, including in communications and relationships with the certification body, submission of an application for certification, and contractual relationship with the certification body
b) To provide a commitment on behalf of the whole group organisation to comply with the sustainable forest management standard and other applicable requirements of the forest certification scheme;	Yes	Clause 5.1.1-f of IFCC PD 1005: to establish connections with all participants based on a written agreement which shall include the participants' commitment to comply with the sustainable forest management standard and right of the group entity to implement and enforce any corrective or preventive measures, and to initiate the exclusion of any participant from the scope of certification in the event of nonconformity with the sustainable forest management standard
c) To establish written procedures for the management of the group organisation;	Yes	Clause 5.1.1-c of IFCC PD 1005: to establish written procedures for the management of the group organisation Clause 5.1.1-d of IFCC PD 1005: to establish written procedures for the acceptance of new participants of the group organisation. These acceptance procedures shall cover at least the verification of the applicant's information about contact details, identification of their forest property and its/their size(s);
d) To keep records of: - the group entity and participants' conformity with the requirements of the sustainable forest management standard, and other applicable requirements of the forest certification scheme, - all participants, including their contact details, identification of their forest property and its/their size(s), - the certified area, - the implementation of an internal monitoring programme, its review and any preventive and/or corrective actions taken;	Yes	Clause 5.1.1-e of IFCC PD 1005: to keep documented information of: i. the group entity and participants' conformity with the requirements of the sustainable forest management standard, and other applicable requirements of the forest certification scheme, ii. all participants, including their contact details, identification of their forest property and its/their size(s), iii. the certified area, iv. the implementation of an internal monitoring programme, its review and any preventive and/or corrective actions taken
e) To establish connections with all participants based on a written agreement which shall include the participants' commitment to comply with the sustainable forest management standard. The group entity shall have a written contract or other written agreement with all participants covering the right of the group entity to implement and enforce any corrective	Yes	Clause 5.1.1-f of IFCC PD 1005: to establish connections with all participants based on a written agreement which shall include the participants' commitment to comply with the sustainable forest management standard and right of the group entity to

or preventive measures, and to initiate the exclusion of any participant from the scope of certification in the event of non-conformity with the sustainable forest management standard;		<p>implement and enforce any corrective or preventive measures, and to initiate the exclusion of any participant from the scope of certification in the event of nonconformity with the sustainable forest management standard.</p> <p>Clause 5.1.1-g of IFCC PD 1005: to provide participants with a document confirming participation in the group forest certification.</p> <p>Clause 5.1.1-h of IFCC PD 1005: to provide all participants with information and guidance required for the effective implementation and maintenance of the sustainable forest management standard and other applicable requirements of the forest certification scheme.</p>
f) To provide participants with a document confirming participation in the group forest certification;	Yes	<p>Clause 5.1.1-g of IFCC PD 1005: to provide participants with a document confirming participation in the group forest certification.</p>
g) To provide all participants with information and guidance required for the effective implementation of the sustainable forest management standard and other applicable requirements of the forest certification scheme;	Yes	<p>Clause 5.1.1-h of IFCC PD 1005: to provide all participants with information and guidance required for the effective implementation and maintenance of the sustainable forest management standard and other applicable requirements of the forest certification scheme.</p>
h) To operate an annual internal monitoring programme that provides for the evaluation of the participants' conformity with the certification requirements, and;	Yes	<p>Clause 5.1.1-i of IFCC PD 1005: to operate an internal monitoring programme that provides for the evaluation of the participants' conformity with the certification requirements.</p>
i) To operate a review of conformity with the sustainable forest management standard, that includes reviewing the results of the internal monitoring programme and the certification body's evaluations and surveillance; corrective and preventive measures if required; and the evaluation of the effectiveness of corrective actions taken.	Yes	<p>Clause 5.1.1-i of IFCC PD 1005: to operate an internal monitoring programme that provides for the evaluation of the participants' conformity with the certification requirements.</p> <p>Clause of 5.1.1-j of IFCC PD 1005: to operate an annual internal audit programme covering both group members and group entity.</p> <p>Clause 5.1.1-k of IFCC PD 1005: to operate a management review of the group forest certification and acting on the results from the review.</p> <p>Clause 5.1.1-l of IFCC PD 1005: to provide full co-operation and assistance in responding effectively to all requests from the certification body, accreditation body, PEFC International or the National Governing Body for relevant data, documentation or other information; allowing access to the forest area covered by the group organization and other facilities, whether in connection with formal audits or reviews or otherwise related or with implications for the management system.</p>

Function and responsibilities of participants		
4.3.1 The forest certification scheme shall define the following requirements for the participants:		
a) To provide the group entity with a written agreement, including a commitment on conformity with the sustainable forest management standard and other applicable requirements of the forest certification scheme;	Yes	Clause 5.1.2-a of IFCC PD 1005: to sign a written agreement with the group entity, including a commitment on conformity with the sustainable forest management standard and other applicable requirements of the forest certification scheme.
b) To comply with the sustainable forest management standard and other applicable requirements of the forest certification scheme;	Yes	Clause 5.1.2-b of IFCC PD 1005: to comply with the sustainable forest management standard and other applicable requirements of the certification scheme as well with the requirements of the management system.
c) To provide full co-operation and assistance in responding effectively to all requests from the group entity or certification body for relevant data, documentation or other information; allowing access to the forest and other facilities, whether in connection with formal audits or reviews or otherwise;	Yes	Clause 5.1.2-c of IFCC PD 1005: to provide full co-operation and assistance in responding effectively to all requests from the group entity, or certification body for relevant data, documentation or other information; allowing access to the forest and other facilities, whether in connection with formal audits or reviews or otherwise related or with implications for the management system.
d) To implement relevant corrective and preventive actions established by the group entity.	Yes	Clause 5.1.2-d of IFCC PD 1005: to implement relevant corrective and preventive actions established by the group entity.

PART II: Standard and System Requirement Checklist for SUSTAINABLE FOREST MANAGEMENT (PEFC ST 1003:2010)

1 Scope

Part II covers requirements for sustainable community forest management as defined in PEFC ST 1003:2010, *Sustainable Forest Management – Requirements*. Annex 4 IFCC ST 1001 is to specify the implementation of IFCC ST 1001 on Community Forest management unit in Indonesia.

Any inconsistencies between this text and the original referred to document will be overruled by the content and wording of the technical document.

2 Checklist

Question	YES/NO	Reference to scheme documentation
General requirements for SFM standards		
4.1 The requirements for sustainable forest management defined by regional, national or sub-national forest management standards shall		
a) include management and performance requirements that are applicable at the forest management unit level, or at another level as appropriate, to ensure that the intent of all requirements is achieved at the forest management unit level.	Yes	Annex 4 IFCC ST 1001 includes requirements that are applicable at the CFMU level (scope). IFCC ST includes both management system as well as performance requirements.
b) be clear, objective-based and auditable.	Yes	The requirements are clear, objective-based and auditable.
c) apply to activities of all operators in the defined forest area who have a measurable impact on achieving compliance with the requirements.	Yes	Section 1, Clause 1.13 of IFCC ST 1001: MU shall ensure that all operators, including contracted operational workers, involved in the management of the forest areas, comply with all requirements of this Standard. The compliance of the MU requires relevant continuous training and instructions, as well as effective supervisions that shall be clearly regulated in the contract.
d) require record-keeping that provides evidence of compliance with the requirements of the forest management standards.	Yes	Section 1, Clause 1.12 of IFCC ST 1001: MU shall maintain records for the period of five (5) years that demonstrate compliance of the MU with the practices of the sustainable forest management, as defined in this standard.

Specific requirements for SFM Standards		
Criterion 1: Maintenance and appropriate enhancement of forest resources and their contribution to the global carbon cycle		
5.1.1 Forest management planning shall aim to maintain or increase forests and other wooded areas and enhance the quality of the economic, ecological, cultural and social values of forest resources, including soil and water. This shall be done by making full use of related services and tools that support land-use planning and nature conservation.	Yes	<p>Section 1, Clause 1.13 of Annex 4 IFCC ST 1001:</p> <p>The MU shall develop a plan for classifying its working area by considering environmental and social aspects. This is subject to scale and intensity of the forest management.</p> <p>Section 1, Clause 2.1 of Annex 4 IFCC ST 1001:</p> <p>MU shall have document of management plan as well as other related documents in accordance with classification of working area, which cover the sustainability of production, ecology and social functions. The management plan shall be revised if there are changes that affect the production, ecology and social functions.</p> <p>Note: The management plan activities consists of planning, implementing the plan, monitoring and evaluation, and providing feedback which is used as the input for creating future planning based on sustainable improvement principle.</p> <p>Section 1, Clause 2.2 of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <ul style="list-style-type: none"> a) Vision, mission and the objectives of forest management; b) History of forest utilization and recent development; c) Community social-culture; d) Appropriate silviculture technique according to the characteristic and the condition of growth media ; e) Growth information; f) Level of sustainable harvesting; g) Environmental management and monitoring plans, forest protection and security plan shall consist of: <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection

		<p>against crop pest and disease;</p> <ul style="list-style-type: none"> ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>h) Work maps.</p> <p>i) The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p>
<p>5.1.2 Forest management shall comprise the cycle of inventory and planning, implementation, monitoring and evaluation, and shall include an appropriate assessment of the social, environmental and economic impacts of forest management operations. This shall form a basis for a cycle of continuous improvement to minimise or avoid negative impacts.</p>	Yes	<p>Section 1, Clause 1.13 of Annex 4 IFCC ST 1001:</p> <p>The MU shall develop a plan for classifying its working area by considering environmental and social aspects. This is subject to scale and intensity of the forest management.</p> <p>Section 1, Clause 2.1 of Annex 4 IFCC ST 1001:</p> <p>MU shall have document of management plan as well as other related documents in accordance with classification of working area, which cover the sustainability of production, ecology and social functions. The management plan shall be revised if there are changes that affect the production, ecology and social functions.</p> <p>Note: The management plan activities consists of planning, implementing the plan, monitoring and evaluation, and providing feedback which is used as the input for creating future planning based on sustainable improvement principle.</p> <p>Section 1, Clause 2.2 of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <ul style="list-style-type: none"> a) Vision, mission and the objectives of forest management; b) History of forest utilization and recent development; c) Community social-culture; d) Appropriate silviculture technique according to the characteristic and the condition of growth media ; e) Growth information; f) Level of sustainable harvesting; g) Environmental management and monitoring plans, forest protection

		<p>and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>h) Work maps.</p> <p>i) The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p> <p>Section 1, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall perform monitoring and evaluation periodically according to its documented procedure which consist of production, ecology and social aspects of forest management.</p> <p>Section 1, Clause 3.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall integrate the result of monitoring and evaluation into the future management plan.</p> <p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p> <p>Section 1, Clause 10.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out a social impact assessment of forest management activities against</p>
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		<p>communities which is integrated into the forest management plan to minimize negative impact and to optimize positive impacts.</p> <p>Section 1, Clause 10.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall minimize the negative impacts of forest management activity.</p>
5.1.3 Inventory and mapping of forest resources shall be established and maintained, adequate to local and national conditions and in correspondence with the topics described in this document.	Yes	<p>Section 1, Clause 2.2-h of Annex 4 IFCC ST 1001, for mapping:</p> <p>The management plan shall include at least the following data and information:</p> <p>Work maps.</p> <p>Section 1, Clause 1.13 of Annex 4 IFCC ST 1001 for forest inventory:</p> <p>The MU shall develop a plan for classifying its working area by considering environmental and social aspects. This is subject to scale and intensity of the forest management.</p> <p>Section 1, Clause 4.2 of Annex 4 IFCC ST 1001, for forest inventory:</p> <p>The MU shall perform periodic inventory to gather data on the condition of forest resources in the MU area which will be used as the basis of planning and assessment towards forest sustainability.</p>
5.1.4 Management plans or their equivalents, appropriate to the size and use of the forest area, shall be elaborated and periodically updated. They shall be based on legislation as well as existing land-use plans, and adequately cover the forest resources.	Yes	<p>Section 1, Criterion 2 of Annex 4 IFCC ST 1001:</p> <p>Management Plan</p> <p>2.1 MU shall have document of management plan as well as other related documents in accordance with classification of working area, which cover the sustainability of production, ecology and social functions. The management plan shall be revised if there are changes that affect the production, ecology and social functions.</p> <p>Note: The management plan activities consists of planning, implementing the plan, monitoring and evaluation, and providing feedback which is used as the input for creating future planning based</p>

		<p>on sustainable improvement principle.</p> <p>2.2 The management plan shall include at least the following data and information:</p> <p>a) Vision, mission and the objectives of forest management;</p> <p>b) History of forest utilization and recent development;</p> <p>c) Community social-culture;</p> <p>d) Appropriate silviculture technique according to the characteristic and the condition of growth media ;</p> <p>e) Growth information;</p> <p>f) Level of sustainable harvesting;</p> <p>g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>h) Work maps.</p> <p>i) The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p>
<p>5.1.5 Management plans or their equivalents shall include at least a description of the current condition of the forest management unit, long-term objectives; and the average annual allowable cut, including its justification and, where relevant, the annually allowable exploitation of non-timber forest products.</p>	Yes	<p>Section 1, Clause 2.2 of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>a) Vision, mission and the objectives of forest management;</p> <p>b) History of forest utilization and recent development;</p> <p>c) Community social-culture;</p> <p>d) Appropriate silviculture technique according to the characteristic and the condition of growth media ;</p> <p>e) Growth information;</p> <p>f) Level of sustainable harvesting;</p> <p>g) Environmental management and monitoring plans, forest protection</p>

		<p>and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>h) Work maps.</p> <p>i) The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p>
5.1.6 A summary of the forest management plan or its equivalent appropriate to the scope and scale of forest management, which contains information about the forest management measures to be applied, is publicly available. The summary may exclude confidential business and personal information and other information made confidential by national legislation or for the protection of cultural sites or sensitive natural resource features.	Yes	<p>Section 1, Clause 2.1 of Annex 4 IFCC ST 1001:</p> <p>MU shall have document of management plan as well as other related documents in accordance with classification of working area, which cover the sustainability of production, ecology and social functions. The management plan shall be revised if there are changes that affect the production, ecology and social functions.</p> <p>Note: The management plan activities consists of planning, implementing the plan, monitoring and evaluation, and providing feedback which is used as the input for creating future planning based on sustainable improvement principle.</p>
5.1.7 Monitoring of forest resources and evaluation of their management shall be periodically performed, and results fed back into the planning process.	Yes	<p>Section 1, Criterion 3 of Annex 4 IFCC ST 1001:</p> <p>Monitoring and Evaluation</p> <p>3.1 The MU shall perform monitoring and evaluation periodically according to its documented procedure which consist of production, ecology and social aspects of forest management.</p> <p>3.2 The monitoring and evaluation shall cover:</p> <ul style="list-style-type: none"> a) Stock and level of forest growth; b) Forest regeneration; c) All harvested forest products (wood and nonwood products); implementation of chain of custody; the efficiency of forest utilization; d) The functions of soil and water conservation; e) The functions of forests for the

		<p>customary and community social-economic purposes;</p> <p>f) Pest and disease, forest fire and illegal activities.</p> <p>3.3 The MU shall integrate the result of monitoring and evaluation into the future management plan.</p>
5.1.8 Responsibilities for sustainable forest management shall be clearly defined and assigned.	Yes	<p>Section 1, Clause 1.9 of Annex 4 IFCC ST 1001:</p> <p>The MU shall appoint management representative who is responsible in managing the implementation of sustainable forest management and its conformity to this Standard.</p>
5.1.9 Forest management practices shall safeguard the quantity and quality of the forest resources in the medium and long term by balancing harvesting and growth rates, and by preferring techniques that minimise direct or indirect damage to forest, soil or water resources.	Yes	<p>Section 1, Clause 2.2-f of Annex 4 IFCC ST 1001 concerning the balance of harvesting and growth rate:</p> <p>The management plan shall include at least the following data and information:</p> <p>....f) Level of sustainable harvesting.</p> <p>Section 1, Clause 5.1 of Annex 4 IFCC ST 1001 concerning the balance of harvesting and growth rate:</p> <p>The MU shall ensure that the rate of forest product (wood) harvesting will not exceed the rate of sustainable harvesting.</p> <p>Section 1, Clause 1.14 of Annex 4 IFCC ST 1001:</p> <p>The MU shall plan, define and maintain adequate infrastructure, such as roads, skidding tracks, bridges, camp, etc. to:</p> <p>a) ensure efficient delivery of goods and services,</p> <p>b) minimize the damage to the ecosystem, species and their genetic resources, specifically endangered species, including areas that are pathways of migration of specific species.</p> <p>c) minimize the soil exposure, to prevent soil erosion and soil sedimentation, to maintain water level, and to maintain the function of riverbeds including adequate drainage facility.</p>

	<p>Section 1, Clause 2.2g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>Section 1, Clause 4.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall optimize the utilization of forest resources to ensure efficient production, to reduce waste and to minimize destruction due to logging activities.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p> <p>Section 1, Clause 6.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out periodic monitoring in accordance with the type of impacts identified from the forest management activity. The result of the monitoring activity shall be used in developing the next management plan.</p> <p>Section 1, Clause 7.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify, maintain and improve the habitats of protected,</p>
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		<p>endemic flora and fauna, and endangered species.</p> <p>Section 1, Clause 7.2 of Annex 4 IFCC ST 1001:</p> <p>The UM shall conduct inventory and mapping out the protected, sensitive and endangered forest ecosystem or the representation of ecosystem, such as: riparian, wetland biotope in accordance with the scale and intensity of its forest management.</p>
5.1.10 Appropriate silvicultural measures shall be taken to maintain or reach a level of the growing stock that is economically, ecologically and socially desirable.	Yes	<p>Section 1, Clause 5.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall ensure that the rate of forest product (wood) harvesting will not exceed the rate of sustainable harvesting.</p>
<p>5.1.11 Conversion of forests to other types of land use, including conversion of primary forests to forest plantations, shall not occur unless in justified circumstances where the conversion:</p> <p>a) is in compliance with national and regional policy and legislation relevant for land use and forest management and is a result of national or regional land-use planning governed by a governmental or other official authority including consultation with materially and directly interested persons and organisations; and</p> <p>b) entails a small proportion of forest type; and</p> <p>c) does not have negative impacts on threatened (including vulnerable, rare or endangered) forest ecosystems, culturally and socially significant areas, important habitats of threatened species or other protected areas; and</p> <p>d) makes a contribution to long-term conservation, economic, and social benefits.</p>	Yes	<p>Section 2, Clause 1.1 of Annex 4 IFCC ST 1001, for natural forests:</p> <p>The MU shall not convert forests to other land use, including conversion to plantation forests, except in the justifiable circumstances where:</p> <p>a) The conversion is in compliance with national legislation and land use planning and is permitted by the relevant authorities; and</p> <p>b) The conversion is necessary for building forest related infrastructure or for livelihood and welfare of local communities and provides long-term contribution to social, economic and environmental benefits; and</p> <p>c) The conversion does not occur on protected areas; environmentally and socially important biotopes; and</p> <p>d) The total area of the converted forests within the Management Unit does not represent more than 5 % of the total forest area of the Management Unit.</p> <p>Note: The land use planning includes consultation with materially and directly interested stakeholders. If the land legal status is not classified as forest area (Other Land Use), the conversion restriction will not be applied.</p> <p>Section 3, Clause 1.1 of Annex 4 IFCC ST 1001, for plantation forests:</p> <p>The MU shall exclude from forest certification those plantation forests</p>

		<p>that have been established by conversion of primary as well as secondary forests after 31 December 2010 except those meeting the justified circumstances in Section III,1.2.</p> <p>Section 3, Clause 1.2 of Annex 4 IFCC ST 1001, for plantation forests:</p> <p>The MU shall not convert: forest to non-forest land uses and natural forests to plantation forests; except in the justifiable circumstances where:</p> <p>a) The conversion is in compliance with national legislation and land use planning and is permitted by the relevant authorities; and</p> <p>b) The conversion is necessary for building forest-related infrastructure or for livelihood and welfare of local communities and provides long-term contribution to social, economic and environmental benefits; and</p> <p>c) The conversion does not occur on protected areas; environmentally and socially important biotops; and</p> <p>d) The total area of the converted forests within the Management Unit does not represent more than 5 % of the total forest area of the Management Unit</p> <p>Note: If the land legal status is not classified as forest area (Other Land Use), the conversion restriction will not be applied.</p>
5.1.12 Conversion of abandoned agricultural and treeless land into forest land shall be taken into consideration, whenever it can add economic, ecological, social and/or cultural value.	Yes	<p>Clause 1.1-b Section II of Annex 4 IFCC ST 1001:</p> <p>The MU shall not convert forests to other land use, including conversion to plantation forests, except in the justifiable circumstances where:</p> <p>...b) The conversion is necessary for building forest related infrastructure or for livelihood and welfare of local communities and provides long-term contribution to social, economic and environmental benefits;</p> <p>Clause 1.2-b Section III of Annex 4 IFCC ST 1001:</p> <p>The MU shall not convert: forest to non-forest land uses and natural forests to</p>

		<p>plantation forests; except in the justifiable circumstances where:</p> <p>...b) The conversion is necessary for building forest-related infrastructure or for livelihood and welfare of local communities and provides long-term contribution to social, economic and environmental benefits</p>
Criterion 2: Maintenance of forest ecosystem health and vitality		
<p>5.2.1 Forest management planning shall aim to maintain and increase the health and vitality of forest ecosystems and to rehabilitate degraded forest ecosystems, whenever this is possible by silvicultural means.</p>	Yes	<p>Section 1, Clause 2.2-g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation. <p>Section 1, Criterion 8 of Annex 4 IFCC ST 1001:</p> <p>Forest Protection</p> <p>8.1 The MU shall have and implement Documented Procedure on environmentally-friendly control against forest resources threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p> <p>8.2 The MU shall cooperate with other community members to minimize threats/disturbance against forest resources.</p> <p>8.3 The MU shall cooperate with authorized party in securing the forest area against illegal activities.</p>

<p>5.2.2 Health and vitality of forests shall be periodically monitored, especially key biotic and abiotic factors that potentially affect health and vitality of forest ecosystems, such as pests, diseases, overgrazing and overstocking, fire, and damage caused by climatic factors, air pollutants or by forest management operations.</p>	<p>Yes</p>	<p>Section 1, Clause 3.2-f of Annex 4 IFCC ST 1001:</p> <p>The monitoring and evaluation shall cover:</p> <ul style="list-style-type: none"> a) Stock and level of forest growth; b) Forest regeneration; c) All harvested forest products (wood and nonwood products); implementation of chain of custody; the efficiency of forest utilization; d) The functions of soil and water conservation; e) The functions of forests for the customary and community social-economic purposes; f) Pest and disease, forest fire and illegal activities. <p>Section 1, Criterion 8 of Annex 4 IFCC ST 1001:</p> <p>Forest Protection</p> <p>8.1 The MU shall have and implement Documented Procedure on environmentally-friendly control against forest resources threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p> <p>8.2 The MU shall cooperate with other community members to minimize threats/disturbance against forest resources.</p> <p>8.3 The MU shall cooperate with authorized party in securing the forest area against illegal activities.</p>
<p>5.2.3 The monitoring and maintaining of health and vitality of forest ecosystems shall take into consideration the effects of naturally occurring fire, pests and other disturbances.</p>	<p>Yes</p>	<p>Section 1, Criterion 8 of Annex 4 IFCC ST 1001:</p> <p>Forest Protection</p> <p>8.1 The MU shall have and implement Documented Procedure on environmentally-friendly control against forest resources threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p> <p>8.2 The MU shall cooperate with other community members to minimize threats/disturbance against forest resources.</p> <p>8.3 The MU shall cooperate with authorized party in securing the forest area against illegal activities.</p>

<p>5.2.4 Forest management plans or their equivalents shall specify ways and means to minimise the risk of degradation of and damages to forest ecosystems. Forest management planning shall make use of those policy instruments set up to support these activities.</p>	<p>Yes</p>	<p>Section 1, Clause 2.2-g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation. <p>Section 1, Clause 4.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall optimize the utilization of forest resources to ensure efficient production, to reduce waste and to minimize destruction due to logging activities.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p> <p>Section 1, Clause 6.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out periodic monitoring in accordance with the type of impacts identified from the forest management activity. The result of the monitoring activity shall be used in developing the next management plan.</p>
<p>5.2.5 Forest management practices shall make best use of natural structures and processes and use preventive biological measures wherever and as far as economically feasible to maintain and enhance the health and vitality</p>	<p>Yes</p>	<p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain</p>

<p>of forests. Adequate genetic, species and structural diversity shall be encouraged and/or maintained to enhance the stability, vitality and resistance capacity of the forests to adverse environmental factors and strengthen natural regulation mechanisms.</p>		<p>analysis of potential impacts towards environment.</p> <p>Section 1, Clause 8.1 of Annex 4 IFCC ST 1001: The MU shall have and implement Documented Procedure on environmentally-friendly control against forest resources threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p> <p>Section 2, Clause 3.1 of Annex 4 IFCC ST 1001: The MU shall maintain the ability of natural regeneration.</p> <p>Section 2, Clause 3.2 of Annex 4 IFCC ST 1001: The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.1 of Annex 4 IFCC ST 1001: The MU shall identify and undertake maintenance and/or construction of wildlife corridor which connect forested area and/or wildlife protection/preservation within the forest area and outside the forest area.</p> <p>Section 3, Clause 3.2 of Annex 4 IFCC ST 1001: The MU shall carry out regeneration in plantation forest within the time and method that will not reduce the forest production capacity. The MU shall only use those introduced species, varieties and provenances whose impact on ecosystem and on its genetic integrity has been assessed and evaluated, and if negative impacts can be avoided or minimized.</p>
<p>5.2.6 Lighting of fires shall be avoided and is only permitted if it is necessary for the</p>	<p>Yes</p>	<p>Section 1, Clause 2.2-g of Annex 4 IFCC ST 1001:</p>

<p>achievement of the management goals of the forest management unit.</p>		<p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation. <p>Section 1, Clause 8.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have and implement Documented Procedure on environmentally-friendly control against forest resources threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p>
<p>5.2.7 Appropriate forest management practices such as reforestation and afforestation with tree species and provenances that are suited to the site conditions or the use of tending, harvesting and transport techniques that minimise tree and/or soil damages shall be applied. The spillage of oil during forest management operations or the indiscriminate disposal of waste on forest land shall be strictly avoided.</p> <p>Non-organic waste and litter shall be avoided, collected, stored in designated areas and removed in an environmentally-responsible manner.</p>	<p>Yes</p>	<p>1. Reforestation/afforestation:</p> <p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p> <p>Section 2, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall maintain the ability of natural regeneration.</p> <p>Section 2, Clause 3.2 of Annex 4</p>

	<p>IFCC ST 1001:</p> <p>The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify and undertake maintenance and/or construction of wildlife corridor which connect forested area and/or wildlife protection/preservation within the forest area and outside the forest area.</p> <p>Section 3, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out regeneration in plantation forest within the time and method that will not reduce the forest production capacity. The MU shall only use those introduced species, varieties and provenances whose impact on ecosystem and on its genetic integrity has been assessed and evaluated, and if negative impacts can be avoided or minimized.</p> <p>2. Minimizing tree and/or soil damages/harvesting operations</p> <p>Section 1, Clause 4.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall optimize the utilization of forest resources to ensure efficient production, to reduce waste and to minimize destruction due to logging activities.</p> <p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan</p>
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		<p>and carry out technical improvement of environmental management in a sustainable manner.</p> <p>Section 1, Clause 6.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall create and implement Documented Procedure to control the use of hazardous and toxic materials (B3) in an environmentally-friendly way.</p> <p>Section 2, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall maintain the ability of natural regeneration.</p> <p>Section 2, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify and undertake maintenance and/or construction of wildlife corridor which connect forested area and/or wildlife protection/preservation within the forest area and outside the forest area.</p> <p>Section 3, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out regeneration in plantation forest within the time and method that will not reduce the forest production capacity. The MU shall only use those introduced species, varieties and provenances whose impact on ecosystem and on its genetic integrity has been assessed and evaluated, and if negative impacts can be avoided or minimized.</p>
5.2.8 The use of pesticides shall be minimised and appropriate silvicultural alternatives and other biological measures preferred.	Yes	<p>Section 1, Clause 8.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have and implement</p>

		<p>Documented Procedure on environmentally-friendly control against forest resources threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p> <p>Section 2, Clause 3.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall only use chemical pesticide in the nursery area and shall comply with the list of prohibited and restricted use of pesticide as stipulated by the regulation that is available in Annex 3 of this Standard.</p> <p>Section 3, Clause 3.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall only use pesticides for the purposes of weed control and shall comply with the list of prohibited and restricted pesticides as stipulated by regulation that is available in Annex 3 of this Standard.</p> <p>Annex 3 of IFCC ST 1001:</p> <p>List of active ingredients that are prohibited for all fields of use of pesticides and active ingredients of pesticides that specified as restricted pesticides</p>
5.2.9 The WHO Type 1A and 1B pesticides and other highly toxic pesticides shall be prohibited, except where no other viable alternative is available.	Yes	<p>Section 2, Clause 3.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall only use chemical pesticide in the nursery area and shall comply with the list of prohibited and restricted use of pesticide as stipulated by the regulation that is available in Annex 3 of this Standard.</p> <p>Section 3, Clause 3.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall only use pesticides for the purposes of weed control and shall comply with the list of prohibited and restricted pesticides as stipulated by regulation that is available in Annex 3 of this Standard.</p> <p>Annex 3 of IFCC ST 1001:</p>

		List of active ingredients that are prohibited for all fields of use of pesticides and active ingredients of pesticides that specified as restricted pesticides
5.2.10 Pesticides, such as chlorinated hydrocarbons whose derivatives remain biologically active and accumulate in the food chain beyond their intended use, and any pesticides banned by international agreement, shall be prohibited.	Yes	<p>Section 1, Clause 1.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall respect to relevant international agreements/conventions subject to scale and intensity of its forest management, such as: CITES, ILO, ITTA and CBD that have been ratified by Indonesia.</p> <p>Note: The list of international conventions ratified by Indonesia is listed in Appendix 1 of this Standard.</p> <p>Annex 1 of IFCC ST 1001:</p> <p>Relevant International Conventions ratified by the Republic of Indonesia</p> <p>Annex 3 of IFCC ST 1001:</p> <p>List of active ingredients that are prohibited for all fields of use of pesticides and active ingredients of pesticides that specified as restricted pesticides</p>
5.2.11 The use of pesticides shall follow the instructions given by the pesticide producer and be implemented with proper equipment and training.	Yes	<p>Section 1, Clause 1.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall respect to relevant international agreements/conventions subject to scale and intensity of its forest management, such as: CITES, ILO, ITTA and CBD that have been ratified by Indonesia.</p> <p>Note: The list of international conventions ratified by Indonesia is listed in Appendix 1 of this Standard.</p> <p>Section 1, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall perform monitoring and evaluation periodically according to its documented procedure which consist of production, ecology and social aspects of forest management.</p> <p>Section 1, Clause 8.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have and implement Documented Procedure on environmentally-friendly control against forest resources</p>

		<p>threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p> <p>Section II, Clause 3.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall only use chemical pesticide in the nursery area and shall comply with the list of prohibited and restricted use of pesticide as stipulated by the regulation that is available in Annex 3 of this Standard.</p> <p>Section III, Clause 3.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall only use pesticides for the purposes of weed control and shall comply with the list of prohibited and restricted pesticides as stipulated by regulation that is available in Annex 3 of this Standard.</p>
5.2.12 Where fertilisers are used, they shall be applied in a controlled manner and with due consideration for the environment.	No	<p>Most of the community forest in Indonesia is under supervision of Local Forestry Service (Local Government). As the Government they encourage community to utilize resources that are easily available surrounding their location, in this case is organic fertiliser.</p> <p>As such, this clause is not available in Annex 4 IFCC ST 1001.</p>
Criterion 3: Maintenance and encouragement of productive functions of forests (wood and non- wood)		
5.3.1 Forest management planning shall aim to maintain the capability of forests to produce a range of wood and non- wood forest products and services on a sustainable basis.	Yes	<p>Section 1, Clause 2.1 of Annex 4 IFCC ST 1001:</p> <p>MU shall have document of management plan as well as other related documents in accordance with classification of working area, which cover the sustainability of production, ecology and social functions. The management plan shall be revised if there are changes that affect the production, ecology and social functions.</p> <p>Note: The management plan activities consists of planning, implementing the plan, monitoring and evaluation, and providing feedback which is used as the input for creating future planning based on</p>

		<p>sustainable improvement principle.</p> <p>Section 1, Clause 2.2-f of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...f) Level of sustainable harvesting</p> <p>Section 1, Clause 2.2g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation <p>Section 1, Clause 4.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement a traceability system to identify the origin of harvested wood and to document it.</p> <p>Section 1, Clause 5.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall ensure that the rate of forest product (wood) harvesting will not exceed the rate of sustainable harvesting.</p> <p>Section , Clause 5.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall avoid or minimize negative impact of its activities towards the existence of nonwood products to guarantee diversification of outputs, goods and services, and vice versa.</p>
5.3.2 Forest management planning shall aim to	Yes	Clause 4.3, Section 1, of Annex 4

<p>achieve sound economic performance taking into account any available market studies and possibilities for new markets and economic activities in connection with all relevant goods and services of forests.</p>		<p>IFCC ST 1001:</p> <p>The MU shall optimize the utilization of forest resources to ensure efficient production, to reduce waste and to minimize destruction due to logging activities.</p> <p>Section 1, Clause 2.2d of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...d) Appropriate silviculture technique according to the characteristic and the condition of growth media</p> <p>Section 1, Clause 2.2g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation
<p>5.3.3 Forest management plans or their equivalents shall take into account the different uses or functions of the managed forest area. Forest management planning shall make use of those policy instruments set up to support the production of commercial and non-commercial forest goods and services.</p>	<p>Yes</p>	<p>Section 1, Clause 1.13 of Annex 4 IFCC ST 1001:</p> <p>The MU shall develop a plan for classifying its working area by considering environmental and social aspects. This is subject to scale and intensity of the forest management.</p> <p>Section 1, Clause 2.2 of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>a) Vision, mission and the objectives of forest management;</p>

		<p>b) History of forest utilization and recent development;</p> <p>c) Community social-culture;</p> <p>d) Appropriate silviculture technique according to the characteristic and the condition of growth media ;</p> <p>e) Growth information;</p> <p>f) Level of sustainable harvesting;</p> <p>g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <p>Prevention and protection against forest fire;</p> <ul style="list-style-type: none"> ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>h) Work maps.</p> <p>i) The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p> <p>Section 1, Clause 4.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall arrange and maintain forest area according to its respected functions in order to ensure its long term business certainty.</p>
5.3.4 Forest management practices shall maintain and improve the forest resources and encourage a diversified output of goods and services over the long term.	Yes	<p>Section 1, Criterion 4 of Annex 4 IFCC ST 1001:</p> <p>Sustainability of Forest Resources</p> <p>Section 1, Clause 5.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall avoid or minimize negative impact of its activities towards the existence of nonwood products to guarantee diversification of outputs, goods and services, and vice versa.</p> <p>Section 3, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify and undertake maintenance and/or construction of wildlife corridor which connect forested area and/or</p>

		<p>wildlife protection/preservation within the forest area and outside the forest area.</p> <p>Section 3, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out regeneration in plantation forest within the time and method that will not reduce the forest production capacity. The MU shall only use those introduced species, varieties and provenances whose impact on ecosystem and on its genetic integrity has been assessed and evaluated, and if negative impacts can be avoided or minimized.</p>
<p>5.3.5 Regeneration, tending and harvesting operations shall be carried out in time, and in a way that does not reduce the productive capacity of the site, for example by avoiding damage to retained stands and trees as well as to the forest soil, and by using appropriate systems.</p>	Yes	<p>Section 1, Criterion 4 of Annex 4 IFCC ST 1001:</p> <p>Sustainability of Forest Resources</p> <p>4.1 The MU shall arrange and maintain forest area according to its respected functions in order to ensure its long term business certainty.</p> <p>4.2 The MU shall perform periodic inventory to gather data on the condition of forest resources in the MU area which will be used as the basis of planning and assessment towards forest sustainability.</p> <p>4.3 The MU shall optimize the utilization of forest resources to ensure efficient production, to reduce waste and to minimize destruction due to logging activities.</p> <p>4.4 The MU shall implement a traceability system to identify the origin of harvested wood and to document it.</p> <p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 2, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall maintain the ability of natural regeneration.</p> <p>Section 2, Clause 3.2 of Annex 4 IFCC ST 1001:</p>

		<p>The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify and undertake maintenance and/or construction of wildlife corridor which connect forested area and/or wildlife protection/preservation within the forest area and outside the forest area.</p> <p>Section 3, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out regeneration in plantation forest within the time and method that will not reduce the forest production capacity. The MU shall only use those introduced species, varieties and provenances whose impact on ecosystem and on its genetic integrity has been assessed and evaluated, and if negative impacts can be avoided or minimized.</p>
5.3.6 Harvesting levels of both wood and non-wood forest products shall not exceed a rate that can be sustained in the long term, and optimum use shall be made of the harvested forest products, with due regard to nutrient off-take.	Yes	<p>Section 1, Clause 4.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement a traceability system to identify the origin of harvested wood and to document it.</p> <p>Section 1, Criterion 5 of Annex 4 IFCC ST 1001:</p> <p>Sustainability of Forest Products</p> <p>5.1 The MU shall ensure that the rate of forest product (wood) harvesting will not exceed the rate of sustainable harvesting.</p> <p>5.2 The MU shall avoid or minimize negative impact of its activities towards the existence of nonwood products to guarantee diversification of outputs, goods and services, and vice versa.</p>
5.3.7 Where it is the responsibility of the forest owner/manager and included in forest management, the exploitation of non-timber forest products, including hunting and fishing, shall be regulated, monitored and controlled.	Yes	<p>Section 1, Clause 4.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement a traceability system to identify the</p>

		<p>origin of harvested wood and to document it.</p> <p>Section 1, Clause 5.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall avoid or minimize negative impact of its activities towards the existence of nonwood products to guarantee diversification of outputs, goods and services, and vice versa.</p>
5.3.8 Adequate infrastructure such as roads, skid tracks or bridges shall be planned, established and maintained to ensure efficient delivery of goods and services while minimising negative impacts on the environment.	Yes	<p>Section 1, Clause 1.14 of Annex 4 IFCC ST 1001:</p> <p>The MU shall plan, define and maintain adequate infrastructure, such as roads, skidding tracks, bridges, camp, etc. to: a) ensure efficient delivery of goods and services, b) minimize the damage to the ecosystem, species and their genetic resources, specifically endangered species, including areas that are pathways of migration of specific species. c) minimize the soil exposure, to prevent soil erosion and soil sedimentation, to maintain water level, and to maintain the function of riverbeds including adequate drainage facility.</p> <p>Section 1, Clause 2.2-i of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...i) The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p>
Criterion 4: Maintenance, conservation and appropriate enhancement of biological diversity in forest ecosystems		
5.4.1 Forest management planning shall aim to maintain, conserve and enhance biodiversity on ecosystem, species and genetic levels and,	Yes	<p>Section 1, Clause 1.13 of Annex 4 IFCC ST 1001:</p> <p>The MU shall develop a plan for</p>

<p>where appropriate, diversity at landscape level.</p>	<p>classifying its working area by considering environmental and social aspects. This is subject to scale and intensity of the forest management.</p> <p>Section, Clause 2.1 of Annex 4 IFCC ST 1001:</p> <p>MU shall have document of management plan as well as other related documents in accordance with classification of working area, which cover the sustainability of production, ecology and social functions. The management plan shall be revised if there are changes that affect the production, ecology and social functions.</p> <p>Note: The management plan activities consists of planning, implementing the plan, monitoring and evaluation, and providing feedback which is used as the input for creating future planning based on sustainable improvement principle.</p> <p>Section 1, Clause 2.2g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation <p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 1, Criterion 7 of Annex 4 IFCC ST 1001:</p>
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		<p>Biodiversity Management</p> <p>7.1 The MU shall identify, maintain and improve the habitats of protected, endemic flora and fauna, and endangered species.</p> <p>7.2 The UM shall conduct inventory and mapping out the protected, sensitive and endangered forest ecosystem or the representation of ecosystem, such as: riparian, wetland biotope in accordance with the scale and intensity of its forest management.</p> <p>7.3 The MU shall not utilize genetically modified trees.</p> <p>Section 1, Clause 10.5 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify forest resources that have important value for recreation purposes; and if necessary, to perform measures to enhance the value of forest recreation (shelters, footpath, etc.) as well as to protect forest resources from negative impacts of the recreation.</p>
<p>5.4.2 Forest management planning, inventory and mapping of forest resources shall identify, protect and/or conserve ecologically important forest areas containing significant concentrations of:</p> <p>a) protected, rare, sensitive or representative forest ecosystems such as riparian areas and wetland biotopes;</p> <p>b) areas containing endemic species and habitats of threatened species, as defined in recognised reference lists;</p> <p>c) endangered or protected genetic in situ resources; and taking into account</p> <p>d) globally, regionally and nationally significant large landscape areas with natural distribution and abundance of naturally occurring species.</p>	Yes	<p>Section 1, Criterion 7 of Annex 4 IFCC ST 1001:</p> <p>Biodiversity Management</p> <p>7.1 The MU shall identify, maintain and improve the habitats of protected, endemic flora and fauna, and endangered species.</p> <p>7.2 The UM shall conduct inventory and mapping out the protected, sensitive and endangered forest ecosystem or the representation of ecosystem, such as: riparian, wetland biotope in accordance with the scale and intensity of its forest management.</p> <p>7.3 The MU shall not utilize genetically modified trees.</p>
<p>5.4.3 Protected and endangered plant and animal species shall not be exploited for commercial purposes. Where necessary, measures shall be taken for their protection and, where relevant, to increase their population.</p>	Yes	<p>Section 1, Criterion 7 of Annex 4 IFCC ST 1001:</p> <p>Biodiversity Management</p> <p>7.1 The MU shall identify, maintain and improve the habitats of</p>

		<p>protected, endemic flora and fauna, and endangered species.</p> <p>7.2 The MU shall conduct inventory and mapping out the protected, sensitive and endangered forest ecosystem or the representation of ecosystem, such as: riparian, wetland biotope in accordance with the scale and intensity of its forest management.</p> <p>7.3 The MU shall not utilize genetically modified trees.</p>
<p>5.4.4 Forest management shall ensure successful regeneration through natural regeneration or, where not appropriate, planting that is adequate to ensure the quantity and quality of the forest resources.</p>	Yes	<p>Section 2, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall maintain the ability of natural regeneration.</p> <p>Section 2, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out regeneration in plantation forest within the time and method that will not reduce the forest production capacity. The MU shall only use those introduced species, varieties and provenances whose impact on ecosystem and on its genetic integrity has been assessed and evaluated, and if negative impacts can be avoided or minimized.</p>
<p>5.4.5 For reforestation and afforestation, origins of native species and local provenances that are well-adapted to site conditions shall be preferred, where appropriate. Only those introduced species, provenances or varieties shall be used whose impacts on the ecosystem and on the genetic integrity of native species and local provenances have been evaluated, and if negative impacts can be avoided or minimised.</p>	Yes	<p>Section 2, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out regeneration in plantation forest within the time and method that will not reduce the forest production capacity. The MU</p>

		shall only use those introduced species, varieties and provenances whose impact on ecosystem and on its genetic integrity has been assessed and evaluated, and if negative impacts can be avoided or minimized.
5.4.6 Afforestation and reforestation activities that contribute to the improvement and restoration of ecological connectivity shall be promoted.	Yes	<p>Section 2, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify and undertake maintenance and/or construction of wildlife corridor which connect forested area and/or wildlife protection/preservation within the forest area and outside the forest area.</p>
5.4.7 Genetically-modified trees shall not be used.	Yes	<p>Section 1, Clause 7.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall not utilize genetically modified trees.</p>
5.4.8 Forest management practices shall, where appropriate, promote a diversity of both horizontal and vertical structures such as uneven-aged stands and the diversity of species such as mixed stands. Where appropriate, the practices shall also aim to maintain and restore landscape diversity.	Yes	<p>Section 2, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall maintain the ability of natural regeneration.</p> <p>Section 2, Clause 3.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out man-made reforestation by utilizing the origin species for enrichment, rehabilitation of degraded forest, ex-road, and unused tracks. The MU shall not utilize introduced species.</p> <p>Section 3, Clause 3.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify and undertake maintenance and/or construction of wildlife corridor which connect forested area and/or wildlife protection/preservation within the forest area and outside the forest area.</p>

5.4.9 Traditional management systems that have created valuable ecosystems, such as coppice, on appropriate sites shall be supported, when economically feasible.	Yes	<p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p>
5.4.10 Tending and harvesting operations shall be conducted in a way that does not cause lasting damage to ecosystems. Wherever possible, practical measures shall be taken to improve or maintain biological diversity.	Yes	<p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p>
5.4.11 Infrastructure shall be planned and constructed in a way that minimises damage to ecosystems, especially to rare, sensitive or representative ecosystems and genetic reserves, and that takes threatened or other key species – in particular their migration patterns – into consideration.	Yes	<p>Section 1, Clause 1.14b of Annex 4 IFCC ST 1001:</p> <p>The MU shall plan, define and maintain adequate infrastructure, such as roads, skidding tracks, bridges, camp, etc. to:</p> <p>...b) minimize the damage to the ecosystem, species and their genetic resources, specifically endangered species, including areas that are pathways of migration of specific species.</p>
5.4.12 With due regard to management objectives, measures shall be taken to balance the pressure of animal populations and grazing on forest regeneration and growth as well as on biodiversity.	Yes	<p>Section 1, Clause 7.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify, maintain and improve the habitats of protected, endemic flora and fauna, and endangered species.</p> <p>Section 1, Clause 8.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall cooperate with other community members to minimize threats/disturbance against forest resources.</p>
5.4.13 Standing and fallen dead wood, hollow trees, old groves and special rare tree species shall be left in quantities and distribution necessary to safeguard biological diversity, taking into account the potential effect on the health and stability of forests and on	Yes	<p>Section 1, Clause 7.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify, maintain and improve the habitats of protected, endemic flora and fauna, and endangered species.</p>

surrounding ecosystems.		<p>Section 1, Clause 7.2 of Annex 4 IFCC ST 1001:</p> <p>The UM shall conduct inventory and mapping out the protected, sensitive and endangered forest ecosystem or the representation of ecosystem, such as: riparian, wetland biotope in accordance with the scale and intensity of its forest management.</p>
Criterion 5: Maintenance and appropriate enhancement of protective functions in forest management (notably soil and water)		
5.5.1 Forest management planning shall aim to maintain and enhance protective functions of forests for society, such as protection of infrastructure, protection from soil erosion, protection of water resources and from adverse impacts of water such as floods or avalanches.	Yes	<p>Section 1, Clause 1.13 of Annex 4 IFCC ST 1001:</p> <p>The MU shall develop a plan for classifying its working area by considering environmental and social aspects. This is subject to scale and intensity of the forest management.</p> <p>Section 1, Clause 2.2g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>Section 1, Clause 2.2i of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...i)The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p>

		<p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p>
5.5.2 Areas that fulfil specific and recognised protective functions for society shall be registered and mapped, and forest management plans or their equivalents shall take these areas into account.	Yes	<p>Section 1, Clause 1.13 of Annex 4 IFCC ST 1001:</p> <p>The MU shall develop a plan for classifying its working area by considering environmental and social aspects. This is subject to scale and intensity of the forest management.</p> <p>Section 1, Clause 2.2g of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...g) Environmental management and monitoring plans, forest protection and security plan shall consist of:</p> <ul style="list-style-type: none"> ● Prevention and protection against forest fire; ● Prevention and eradication of illegal logging; ● Prevention and protection against crop pest and disease; ● Conservation of soil and water; ● Protection towards flora, fauna and germplasm; ● Handling of land-shift cultivation; <p>Section 1, Clause 2.2i of Annex 4 IFCC ST 1001:</p> <p>The management plan shall include at least the following data and information:</p> <p>...i)The construction and maintenance of infrastructure, such as: roads, camps, bridges, etc.</p> <p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p>

<p>5.5.3 Special care shall be given to silvicultural operations on sensitive soils and erosion-prone areas as well as in areas where operations might lead to excessive erosion of soil into watercourses. Inappropriate techniques such as deep soil tillage and use of unsuitable machinery shall be avoided in such areas. Special measures shall be taken to minimise the pressure of animal populations.</p>	<p>Yes</p>	<p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p> <p>Section 1, Clause 6.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out periodic monitoring in accordance with the type of impacts identified from the forest management activity. The result of the monitoring activity shall be used in developing the next management plan.</p> <p>Section 1, Clause 8.2 Annex 4 IFCC ST 1001:</p> <p>The MU shall cooperate with other community members to minimize threats/disturbance against forest resources.</p>
<p>5.5.4 Special care shall be given to forest management practices in forest areas with water protection functions to avoid adverse effects on the quality and quantity of water resources. Inappropriate use of chemicals or other harmful substances or inappropriate silvicultural practices influencing water quality in a harmful way shall be avoided.</p>	<p>Yes</p>	<p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts towards environment.</p> <p>Section 1, Clause 6.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement the environmental management plan and carry out technical improvement of environmental management in a sustainable manner.</p> <p>Section 1, Clause 6.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out periodic monitoring in accordance with the type of impacts identified from the forest management activity. The</p>

		<p>result of the monitoring activity shall be used in developing the next management plan.</p> <p>Section 1, Clause 8.2 Annex 4 IFCC ST 1001:</p> <p>The MU shall cooperate with other community members to minimize threats/disturbance against forest resources.</p>
<p>5.5.5 Construction of roads, bridges and other infrastructure shall be carried out in a manner that minimises bare soil exposure, avoids the introduction of soil into watercourses and preserves the natural level and function of water courses and river beds. Proper road drainage facilities shall be installed and maintained.</p>	Yes	<p>Section 1, Clause 1.14 of Annex 4 IFCC ST 1001:</p> <p>The MU shall plan, define and maintain adequate infrastructure, such as roads, skidding tracks, bridges, camp, etc. to:</p> <p>a) ensure efficient delivery of goods and services,</p> <p>b) minimize the damage to the ecosystem, species and their genetic resources, specifically endangered species, including areas that are pathways of migration of specific species.</p> <p>c) minimize the soil exposure, to prevent soil erosion and soil sedimentation, to maintain water level, and to maintain the function of riverbeds including adequate drainage facility.</p>
Criterion 6: Maintenance of other socio-economic functions and conditions		
<p>5.6.1 Forest management planning shall aim to respect the multiple functions of forests to society, give due regard to the role of forestry in rural development, and especially consider new opportunities for employment in connection with the socio-economic functions of forests.</p>	Yes	<p>Section 1, Clause 10.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out a social impact assessment of forest management activities against communities which is integrated into the forest management plan to minimize negative impact and to optimize positive impacts.</p> <p>Section 1, Clause 10.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall minimize the negative impacts of forest management activity.</p> <p>Section 1, Clause 10.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide priority to indigenous and/or local communities to gain employment opportunity that is subject to expertise needed by the MU.</p>

		<p>Section 1, Clause 10.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide adequate support in regards to village development.</p>
5.6.2 Forest management shall promote the long-term health and well-being of communities within or adjacent to the forest management area.	Yes	<p>Section 1, Clause 10.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide priority to indigenous and/or local communities to gain employment opportunity that is subject to expertise needed by the MU.</p> <p>Section 1, Clause 10.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide adequate support in regards to village development.</p>
5.6.3 Property rights and land tenure arrangements shall be clearly defined, documented and established for the relevant forest area. Likewise, legal, customary and traditional rights related to the forest land shall be clarified, recognised and respected.	Yes	<p>Section 1, Clause 9.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide access to other community to earn benefits from the forest publicly, especially ecological and cultural function.</p> <p>Note: Particularly for communities such as the jungle people who do not have a certain territory (nomaden) and depend to forest products in the MU for live, shall be granted access to forest benefits.</p> <p>Section 1, Clause 9.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall identify, honor, acknowledge and respect the customary rights of indigenous people by complying with relevant legislation as well as taking into account the ILO Convention 169 and United Nations Declaration Year 2007 on indigenous people's rights.</p>
5.6.4 Forest management activities shall be conducted in recognition of the established framework of legal, customary and traditional rights such as outlined in ILO 169 and the UN Declaration on the Rights of Indigenous Peoples, which shall not be infringed upon without the free, prior and informed consent of the holders of the rights, including the provision of compensation where applicable. Where the extent of rights is not yet resolved or is in dispute there are processes for just and fair resolution. In such cases forest managers shall, in the interim, provide meaningful opportunities for parties to be	Yes	<p>Section 1, Clause 9.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide access to other community to earn benefits from the forest publicly, especially ecological and cultural function.</p> <p>Note: Particularly for communities such as the jungle people who do not have a certain territory (nomaden) and depend to forest products in the MU for live, shall be granted access to forest benefits.</p> <p>Section 1, Clause 9.2 of Annex 4</p>

engaged in forest management decisions whilst respecting the processes and roles and responsibilities laid out in the policies and laws where the certification takes place.		IFCC ST 1001: The MU shall identify, honor, acknowledge and respect the customary rights of indigenous people by complying with relevant legislation as well as taking into account the ILO Convention 169 and United Nations Declaration Year 2007 on indigenous people's rights.
5.6.5 Adequate public access to forests for the purpose of recreation shall be provided taking into account respect for ownership rights and the rights of others, the effects on forest resources and ecosystems, as well as compatibility with other functions of the forest.	Yes	Section 1, Clause 9.1 of Annex 4 IFCC ST 1001: The MU shall provide access to other community to earn benefits from the forest publicly, especially ecological and cultural function. Note: Particularly for communities such as the jungle people who do not have a certain territory (nomaden) and depend to forest products in the MU for live, shall be granted access to forest benefits.
5.6.6 Sites with recognised specific historical, cultural or spiritual significance and areas fundamental to meeting the basic needs of local communities (e.g. health, subsistence) shall be protected or managed in a way that takes due regard of the significance of the site.	Yes	Section 1, Clause 9.1 of Annex 4 IFCC ST 1001: The MU shall provide access to other community to earn benefits from the forest publicly, especially ecological and cultural function. Note: Particularly for communities such as the jungle people who do not have a certain territory (nomaden) and depend to forest products in the MU for live, shall be granted access to forest benefits. Section 1, Clause 9.2 of Annex 4 IFCC ST 1001: The MU shall identify, honor, acknowledge and respect the customary rights of indigenous people by complying with relevant legislation as well as taking into account the ILO Convention 169 and United Nations Declaration Year 2007 on indigenous people's rights.
5.6.7 Forest management operations shall take into account all socio-economic functions, especially the recreational function and aesthetic values of forests by maintaining for example varied forest structures, and by encouraging attractive trees, groves and other features such as colours, flowers and fruits. This shall be done, however, in a way and to an extent that does not lead to serious negative effects on forest resources, and forest land.	Yes	Section 1, Clause 10.5 of Annex 4 IFCC ST 1001: The MU shall identify forest resources that have important value for recreation purposes; and if necessary, to perform measures to enhance the value of forest recreation (shelters, footpath, etc.) as well as to protect forest resources from negative impacts of

		the recreation.
5.6.8 Forest managers, contractors, employees and forest owners shall be provided with sufficient information and encouraged to keep up-to-date through continuous training in relation to sustainable forest management as a precondition for all management planning and practices described in this standard.	Yes	<p>Section 1, Clause 1.8 of Annex 4 IFCC ST 1001: The MU shall establish an organization to operate its function in achieving sustainable forest management.</p> <p>Note: Quality and or Management System, mentioned in ISO 9001:2008 and ISO 14001_2004 is an example of effective organizational system and management.</p> <p>Section 1, Clause 1.10 of Annex 4 IFCC ST 1001: The MU shall maintain and increase employee competency, including contracted operational workers within forest management activity, through training and/or other activities conducted routinely.</p>
5.6.9 Forest management practices shall make the best use of local forest-related experience and knowledge, such as those of local communities, forest owners, NGOs and local people.	Yes	<p>Section 1, Clause 5.2 of Annex 4 IFCC ST 1001: The MU shall avoid or minimize negative impact of its activities towards the existence of nonwood products to guarantee diversification of outputs, goods and services, and vice versa.</p> <p>Section 1, Clause 9.1 of Annex 4 IFCC ST 1001: The MU shall provide access to other community to earn benefits from the forest publicly, especially ecological and cultural function.</p> <p>Note: Particularly for communities such as the jungle people who do not have a certain territory (nomaden) and depend to forest products in the MU for live, shall be granted access to forest benefits.</p> <p>Section 1, Clause 10.3 of Annex 4 IFCC ST 1001: The MU shall provide priority to indigenous and/or local communities to gain employment opportunity that is subject to expertise needed by the MU.</p> <p>Section 1, Clause 10.6 of Annex 4 IFCC ST 1001: The MU shall establish an effective and continuous communication and consultation with indigenous and/or local communities and other relevant stakeholders with regards</p>

		to the forest management operations and its impact against community.
5.6.10 Forest management shall provide for effective communication and consultation with local people and other stakeholders relating to sustainable forest management and shall provide appropriate mechanisms for resolving complaints and disputes relating to forest management between forest operators and local people.	Yes	<p>Section 1, Clause 9.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide access to other community to earn benefits from the forest publicly, especially ecological and cultural function.</p> <p>Note: Particularly for communities such as the jungle people who do not have a certain territory (nomaden) and depend to forest products in the MU for live, shall be granted access to forest benefits.</p> <p>Section 1, Clause 10.6 of Annex 4 IFCC ST 1001:</p> <p>The MU shall establish an effective and continuous communication and consultation with indigenous and/or local communities and other relevant stakeholders with regards to the forest management operations and its impact against community.</p>
5.6.11 Forestry work shall be planned, organised and performed in a manner that enables health and accident risks to be identified and all reasonable measures to be applied to protect workers from work-related risks. Workers shall be informed about the risks involved with their work and about preventive measures.	Yes	<p>Section 1, Clause 12.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall detect and prevent/respond potential disturbance with regards to occupational health and safety. MU shall have and maintain written records and analyze towards all accidents happen in the work place and facilities under the MU control.</p> <p>Section 1, Clause 12.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide health and safety instruction and training to its workers routinely.</p> <p>Section 1, Clause 12.5 of Annex 4 IFCC ST 1001:</p> <p>The MU shall monitor and evaluate the implementation of occupational health and safety at least once a year.</p>
5.6.12 Working conditions shall be safe, and guidance and training in safe working practices shall be provided to all those assigned to a task in forest operations.	Yes	<p>Section 1, Clause 12.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide a safe and healthy work place environment and shall take effective action to prevent accident and injury of the worker by minimizing the potential inherent hazards in the work place.</p>

		<p>Section 1, Clause 12.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide health and safety instruction and training to its workers routinely.</p> <p>Section 1, Clause 12.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall provide appropriate personal protective equipment (PPE) to its workers; and shall provide first aid and assist the worker in obtaining further medical treatment.</p> <p>Section 1, Clause 12.5 of Annex 4 IFCC ST 1001:</p> <p>The MU shall monitor and evaluate the implementation of occupational health and safety at least once a year.</p>
5.6.13 Forest management shall comply with fundamental ILO conventions.	Yes	<p>Section 1, Clause 1.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall respect to relevant international agreements/conventions subject to scale and intensity of its forest management, such as: CITES, ILO, ITTA and CBD that have been ratified by Indonesia.</p> <p>Note: The list of international conventions ratified by Indonesia is listed in Appendix 1 of this Standard.</p> <p>Section 1, Clause 11.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall implement policies and procedures that guarantee the fulfillment of worker rights as stipulated by applicable laws and regulations.</p> <p>Section 1, Clause 11.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall not engage or support the use of forced or compulsory labor as stipulated by the ILO 29 Convention.</p> <p>Section 1, Clause 11.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall respect the right of worker against wage/salary and</p>

		<p>ensure that the wage is paid as agreed by both parties.</p> <p>Note: The Government of Indonesia releases yearly regulation on the minimum wage at province and regency level.</p> <p>Section 1, Clause 11.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall respect the right of worker to form, join and organize worker union by their choice, and on behalf of the worker, collectively they conduct negotiation with the MU without any negative consequences or sanction from the MU against them in accordance with the applicable laws and regulations.</p> <p>Note: The freedom of associating and the freedom of negotiating collectively are guaranteed by the Government of Indonesia Law Number 13 Year 2003 on Labor.</p> <p>Section 1, Clause 11.5 of Annex 4 IFCC ST 1001:</p> <p>The MU shall not discriminate with regards to worker recruitment, remuneration, access for training, promotion, termination or retirement that are based on race, country origin or social origin, caste, place of birth, religion, disability, gender, family responsibility, marital status, union membership, political flow, age, or other conditions which will raise discrimination. The MU shall not allow any behavior that is threatening, abusive, exploitative and sexually abusive in the work place and other facilities provided by the MU for the workers.</p> <p>Section 1, Clause 11.6 of Annex 4 IFCC ST 1001:</p> <p>The MU shall not engage or support the use of child labor as stipulated by the national legislation, and ILO Number 138 and 182.</p> <p>Annex 1 of IFCC ST 1001:</p> <p>Relevant International Conventions ratified by the Republic of Indonesia</p>
5.6.14 Forest management shall be based inter-alia on the results of scientific research. Forest management shall contribute to research activities and data collection needed for sustainable forest management or support	Yes	<p>Section 1, Clause 6.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have a document of environmental study which contain analysis of potential impacts</p>

relevant research activities carried out by other organisations, as appropriate.		<p>towards environment.</p> <p>Section 1, Clause 10.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall carry out a social impact assessment of forest management activities against communities which is integrated into the forest management plan to minimize negative impact and to optimize positive impacts.</p>
Criterion 7: Compliance with legal requirements		
5.7.1 Forest management shall comply with legislation applicable to forest management issues including forest management practices; nature and environmental protection; protected and endangered species; property, tenure and land-use rights for indigenous people; health, labour and safety issues; and the payment of royalties and taxes.	Yes	<p>Section 1, Clause 1.1 of Annex 4 IFCC ST 1001:</p> <p>The MU shall have land legal status (areas certainty) and license to operate by showing legal documents or regulated in the legislation.</p> <p>Section 1, Clause 1.2 of Annex 4 IFCC ST 1001:</p> <p>The MU shall comply with relevant regulations subject to scale and intensity of its forest management.</p> <p>Section 1, Clause 1.3 of Annex 4 IFCC ST 1001:</p> <p>The MU shall pay all financial obligations to government, which consist of fee, royalty, tax and other legal financial obligation.</p> <p>Section 1, Clause 1.4 of Annex 4 IFCC ST 1001:</p> <p>The MU shall respect to relevant international agreements/conventions subject to scale and intensity of its forest management, such as: CITES, ILO, ITTA and CBD that have been ratified by Indonesia.</p> <p>Note: The list of international conventions ratified by Indonesia is listed in Appendix 1 of this Standard.</p> <p>Section 1, Clause 1.5 of Annex 4 IFCC ST 1001:</p> <p>The MU shall comply with SVLK requirements.</p>
5.7.2 Forest management shall provide for adequate protection of the forest from	Yes	<p>Section 1, Criterion 8 of Annex 4 IFCC ST 1001:</p>

<p>unauthorised activities such as illegal logging, illegal land use, illegally initiated fires, and other illegal activities.</p>		<p>Forest Protection</p> <p>8.1 The MU shall have and implement Documented Procedure on environmentally-friendly control against forest resources threats/disturbance, such as: forest fire, illegal logging, illegal grazing, forest encroachment, animal hunting, pest and disease.</p> <p>8.2 The MU shall cooperate with other community members to minimize threats/disturbance against forest resources.</p> <p>8.3 The MU shall cooperate with authorized party in securing the forest area against illegal activities.</p>
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* If the answer to any question is no, the application documentation shall indicate for each element why and what alternative measures have been taken to address the element in question.

PART IV: Standard and System Requirement Checklist for certification and accreditation procedures (Annex 6)

1 Scope

The IFCC has adopted PEFC ST 2003:2012 with requirements for certification bodies operating chain of custody certification. Therefore, this Checklist is only used to assess conformity of the IFCC scheme's requirements for certification bodies operating forest management certification (IFCC ST 1002).

To implement Annex 4 IFCC ST 1001 on Sustainable Community Forest Management Certification - Requirements, IFCC added specific requirements for bodies who provide audit and certification against the Annex 4 IFCC ST 1001. Those specific requirements are placed in Annex 3 of IFCC ST 1002 (Specific requirements for bodies providing audit and certification of sustainable community forest management).

2 Checklist

No.	Question	Reference to PEFC Procedures	YES/ NO*	Reference to scheme documentation
Certification Bodies				
1	Does the scheme documentation require that certification shall be carried out by impartial, independent third parties that cannot be involved in the standard setting process as governing or decision making body, or in the forest management and are independent of the certified entity?	Annex 6, 3.1	Yes	IFCC ST 1002 requires that the certification body shall comply with ISO 17021 that clearly requires the certification body's impartiality and independence of the certified entity. IFCC PD 1001 (standard setting procedures) clearly states in Foreword and other chapters that the IFCC is the standard setting and the only governing body of the IFCC scheme and is responsible for the development of the IFCC standards. The document also clearly defines the decision making body. Therefore, a certification body cannot be governing or decision making body in the IFCC standard setting process.
2	Does the scheme documentation require that certification body for forest management certification or chain of custody certification against a scheme specific chain of custody standard shall fulfil requirements defined in ISO	Annex 6, 3.1	Yes	IFCC ST 1002, ch. 1.2 requires that this document provides additional requirements to ISO 17021. The structure of the document is identical with ISO 17021 and all main chapters state compliance with ISO 17021. Annex 1 requires accreditation against ISO

	17021 or ISO Guide 65?			17021.
3	Does the scheme documentation require that certification body chain of custody certification against Annex 4 shall fulfil requirements defined in ISO Guide 65?	Annex 6, 3.1		Not applicable
4	Does the scheme documentation require that certification bodies carrying out forest certification shall have the technical competence in forest management on its economic, social and environmental impacts, and on the forest certification criteria?	Annex 6, 3.1	Yes	The competence of the certification body is provided through the competence of its personnel (see ISO 17021). IFCC ST 1002, ch. 7.4 requires competence of auditors, including their education, working experience, auditing experience as well as specific areas of the technical competence. Personnel responsible for contract review and granting of certification shall meet the same competence requirements as auditors (7.2 and 7.3)
5	Does the scheme documentation require that certification bodies carrying out C-o-C certifications shall have technical competence in forest based products procurement and processing and material flows in different stages of processing and trading?	Annex 6, 3.1		Not applicable
6	Does the scheme documentation require that certification bodies shall have a good understanding of the national PEFC system against which they carry out forest management or C-o-C certifications?	Annex 6, 3.1	Yes	IFCC ST 1002 requires competence of the certification bodies personnel (7.2, 7.3, 7.4). IFCC ST 1002, 7.4.6.1a
7	IFCC ST 1002 requires competence of the certification bodies personnel (7.2, 7.3, 7.4). IFCC ST 1002, 7.4.6.1a	Annex 6, 3.2	Yes	IFCC ST 1002, 7.4

	Does the scheme documentation require that the auditors must fulfil the general criteria of ISO 19011 for Quality Management Systems auditors or for Environmental Management Systems auditors?	Annex 6, 3.2	Yes	ISO 19011:2002 has been incorporated into ISO 17021:2011. IFCC ST 1002 requires compliance with ISO 17021:2011. IFCC ST 1002, Introduction requires that ISO 19011:2011 provides additional guidance for the auditing of management systems.
9	Does the scheme documentation include additional qualification requirements for auditors carrying out forest management or chain of custody audits? [*1]	Annex 6, 3.2	Yes	IFCC ST 1002, 7.4
Certification Procedures				
10	Does the scheme documentation require that certification bodies shall have established internal procedures for forest management and/or chain of custody certification?	Annex 6, 4	Yes	ISO 17021, ch. 10.1 and 10.3.1 require that the certification body shall establish and maintain a management system covering all requirements in clauses 5 – 9. ISO 17021, ch. 10.3.2 requires management system manual, ISO 17021, ch. 10.3.3 requires documents control. ISO 17021 refers in its clauses 7 (competences) and 9 (Process requirements) to specific certification schemes (e.g. 7.1.1 or 9.1.1.1). Therefore the requirements in ISO 17021, ch. 10
11	Does the scheme documentation require that applied certification procedures for forest management certification or chain of custody certification against a scheme specific chain of custody standard shall fulfil or be compatible	Annex 6, 4	Yes	IFCC ST 1002 requires compliance with ISO 17021.

	with the requirements defined in ISO 17021 or ISO Guide 65?			
12	Does the scheme documentation require that applied certification procedures for chain of custody certification against Annex 4 shall fulfil or be compatible with the requirements defined in ISO Guide 65?	Annex 6, 4		Not applicable
13	Does the scheme documentation require that applied auditing procedures shall fulfil or be compatible with the requirements of ISO 19011?	Annex 6, 4	Y e s	ISO 19011:2002 has been incorporated into ISO 17021:2011. IFCC ST 1002 requires compliance with ISO 17021:2011. IFCC ST 1002, Introduction requires that ISO 19011:2011 provides additional guidance for the auditing of management systems.
14	Does the scheme documentation require that certification body shall inform the relevant PEFC National Governing Body about all issued forest management and chain of custody certificates and changes concerning the validity and scope of these certificates?	Annex 6, 4	Y e s	IFCC PD 1004, 5.1c
15	Does the scheme documentation require that certification body shall carry out controls of PEFC logo usage if the certified entity is a PEFC logo user?	Annex 6, 4	Y e s	IFCC PD 1003, Appendix 1, article 7(2) requires the logo user, in case of user group B (forest management certificate holder) and C, shall undertake to provide, immediately after each audit, the IFCC with a notification, verified by the certification body, of the on- product use of the licensed logo.
16	Does a maximum period for surveillance audits defined by the scheme documentation not	Annex 6, 4	Y e s	ISO 17021, ch. 9.3.2.2

	exceed more than one year?			
17	Does a maximum period for assessment audit not exceed five years for both forest management and chain of custody certifications?	Annex 6, 4	Y e s	ISO 17021, ch. 9.1.1.1
18	Does the scheme documentation include requirements for public availability of certification report summaries?	Annex 6, 4	Y e s	IFCC ST 1002, 8.3, 8.4
19	Does the scheme documentation include requirements for usage of information from external parties as the audit evidence?	Annex 6, 4	Y e s	IFCC ST 1002, 9.2.3.2.2
20	Does the scheme documentation include additional requirements for certification procedures? [*1]	Annex 6, 4	Y e s	IFCC ST 1002
Accreditation Procedures				
21	Does the scheme documentation require that certification bodies carrying out forest management and/or chain of custody certification shall be accredited by a national accreditation body?	Annex 6, 5	Y e s	IFCC ST 1002, Annex 1
22	Does the scheme documentation require that an accredited certificate shall bear an accreditation symbol of the relevant accreditation body?	Annex 6, 5	Y e s	IFCC ST 1002, 9.2.5.2e
23	Does the scheme documentation require that the accreditation shall be issued by an accreditation body which is a part of the International Accreditation Forum (IAF) umbrella or a member of IAF's special recognition regional groups and which implement procedures described in	Annex 6, 5	Y e s	IFCC ST 1002, Annex 1

	ISO 17011 and other documents recognised by the above mentioned organisations?			
24	Does the scheme documentation require that certification body undertake forest management or/and chain of custody certification against a scheme specific chain of custody standard as “accredited certification” based on ISO 17021 or ISO Guide 65 and the relevant forest management or chain of custody standard(s) shall be covered by the accreditation scope?	Annex 6, 5	Yes	IFCC ST 1002, 5.2 IFCC ST 1002, Annex 1
25	Does the scheme documentation require that certification body undertake chain of custody certification against Annex 4 as “accredited certification” based on ISO Guide 65?	Annex 6, 5		Not applicable
26	Does the scheme documentation include a mechanism for PEFC notification of certification bodies?	Annex 6, 6	Yes	IFCC ST 1002, Annex 2
27	Are the procedures for PEFC notification of certification bodies non-discriminatory?	Annex 6, 6	Yes	IFCC ST 1002, Annex 2 IFCC PD 1004

* If the answer to any question is no, the application documentation shall indicate for each element why and what alternative measures have been taken to address the element in question.

[*1] This is not an obligatory requirement