

## FSC Forest Management Audit

### Public Summary Report



Audit Conducted By	GFA Certification GmbH Alter Teichweg 15  Freie und Hansestadt Hamburg Hamburg 22081 Deutschland www.gfa-cert.com
Contact Person	Gerhard Kuske
Report last updated on	07 December 2022
Certificate Holder	Grandis Timber Limited 38D, Street 494, Sangkat Phsar Doeum Thkov  Khan Chamkarmorn, Phnom Penh  Cambodia <a href="https://www.grandistimber.com/">https://www.grandistimber.com/</a>
Contact Person	Lina Hong
Certified Forest Areas	Grandis Timber Ltd. - Vkiririom, Phnom Sruoch and Oral, Kampong Speu, Cambodia
FSC certificate registration code	GFA-FM/COC-002384
Certificate issue date	11 July 2018
Certificate expiry date	10 July 2023
Audit Sequence	4

This forest has been certified by GFA Certification GmbH as meeting the requirements of FSC national forest standard FSC-STD-KHM-01-2020 .

## Certificate Holder and Certification Body Details

Display	Question	Inputs	Units	Validation
	<b>Certificate Holder</b>			
	1.01 Certificate holder name *	Grandis Timber Limited		OK
	1.02.1 Street Address *	38D, Street 494, Sangkat Phsar Doeum Thkov		OK
	1.02.2 Address Line 2			
	1.02.3 City *	Khan Chamkarmorn, Phnom Penh		OK
	1.02.4 State or Province			
	1.02.5 Postal Code			
	1.03 Country *	Cambodia		OK
	1.04 Contact person full name *	Lina Hong		OK
	1.05 Email *	hong.lina@grandistimber.com		OK
	1.06 Telephone	+855 17 666 423		OK
	1.07 Website *	https://www.grandistimber.com/		OK
	<b>Certificate Parameters</b>			
	1.08 FSC license code *	FSC-C109614		OK
	1.09 Certificate code *	GFA-FM/COC-002384		OK
	1.10 Former certificate code (if any)			
	1.11 Certificate type *	FM/COC		OK
	1.12 Group certificate *	No		OK
	1.13.1 Initial certification date *	2013-07-11		OK
	1.13.2 Most recent certification date *	2018-07-11		OK
	1.13.3 Certificate expiry date *	2023-07-10		OK
	1.14 Total number of MUs in the scope of certificate *	1		OK
	1.15 Total area certified *	7896,11	ha	OK
	1.16 Change of scope since previous audit *	No		OK
	1.16.1 Nature of scope change			
	1.17 Ecosystem services (ES) in the scope *	No		OK
	<b>Certification Body</b>			
	1.18 Certification body name *	GFA Certification GmbH		OK
	1.19.1 Street Address *	Alter Teichweg 15		OK
	1.19.2 Address Line 2			
	1.19.3 City *	Freie und Hansestadt Hamburg		OK
	1.19.4 State	Hamburg		OK
	1.19.5 Postal Code	22081		OK
	1.20 Country *	Germany		OK
	1.21 Contact person full name *	Gerhard Kuske		OK
	1.22 Email *	g.kuske@gfa-cert.com		OK
	1.23 Telephone	+49 40 5247431140		OK
	1.24 Website *	www.gfa-cert.com		OK

# The evaluation process

Display	Question	Inputs	Units	Validation
<b>Audit Parameters</b>				
	2.01 Audit type *	Surveillance		OK
	2.01.1 Audit sequence	4		OK
	2.02 Audit start date *	2022-09-07		OK
	2.16 First stakeholder consultation date for this audit			
	2.03 Audit finish date *	2022-09-09		OK
	2.04 Total person days *	8,4		OK
	2.05 Datum der Berichterstellung *	2022-12-07		OK
	2.06 Total area under evaluation *	7896,1	ha	OK
<b>Normative Documents</b>				
<b>2.07 Evaluated international normative document(s)</b>				
	2.07.1 Trademark standard FSC-STD-50-001 *	Yes		OK
	2.07.2 Group standard FSC-STD-30-005 *	No		OK
	2.07.3 CoC standard FSC-STD-40-004 *	Yes		OK
	2.07.4 ES procedure FSC-PRO-30-006 *	No		OK
	2.07.5 Excision Policy FSC-POL-20-003 *	No		OK
	2.07.6 Pesticides Policy FSC-POL-30-001 *	Yes		OK
	2.07.7 Applicable NTFP Standard *	No		OK
	2.08 Code(s) of NFSS or INS used *	FSC-STD-KHM-01-2020		OK
	2.09 Web link to the standard used	<a href="https://fsc.org/en/document-centre/documents/resource/451">https://fsc.org/en/document-centre/documents/resource/451</a>		OK
	2.10 If applicable, the adaptation process of CB interim standard	n.a.		OK
<b>Evaluation Methodology</b>				
<b>2.11 Sampling system employed for the audit</b>				
	2.11.1 stratified sampling	No		OK
	2.11.2 cluster sampling	No		OK
	2.11.3 random sampling	No		OK
	2.11.4 systematic sampling	No		OK
	2.11.5 Other, please specify your input here	Unique FMU, no sampling applied		OK
	2.12 Rationale for selection of MU/ members, including a clear description of the surveillance schedule that will be implemented by the certification body	<p>According to the sample selection procedure described in the GFA FM auditors' manual and in accordance with the regulations in the FSC standard FSC-STD-20-007, the following forest companies have been selected for an on-site audit: Not applicable, since individual certificate.</p> <p>In addition to randomly selected forest locations and documents, those forest locations/processes that were not audited in previous audits were also examined. Furthermore, those departments were assessed in which forestry work was currently being carried out or in the last 24 months or is currently being planned.</p>		OK
<b>2.13 Documentation reviewed during this audit</b>				
	2.13.1 copies of applicable laws	Some		OK
	2.13.2 long term management plans	All		OK
	2.13.3 technical management guides relating to operations	All		OK
	2.13.4 concession agreements	All		OK
	2.13.5 documentation showing tenure or land-use rights	All		OK
	2.13.6 up to date maps of roads, management sites, etc	All		OK
	2.13.7 inventory records	All		OK
	2.13.8 work instructions	Some		OK
	2.13.9 contractor contracts	Not Requested		OK
	2.13.10 agreements with affected local communities	Some		OK
	2.13.11 agreements with affected Indigenous Peoples, etc	Some		OK
	2.13.12 records of payments of royalties, fees, or taxes	Some		OK
	2.13.13 records of complaints/disputes and resolution	Some		OK
	2.13.14 records of payments to workers	Some		OK
	2.13.15 wildlife evaluation records	Some		OK
	2.13.16 environmental impacts monitoring records	Some		OK
	2.13.17 social impact survey results	Some		OK
	2.13.18 results of monitoring forest growth and health	Some		OK
	2.13.19 harvesting and production records	All		OK
	2.13.20 chemical use records	All		OK
	2.13.21 communications with stakeholders	Not Requested		OK
	2.13.22 purchasing and sales documentation	Some		OK
	2.13.23 Integrated pest Management	All		OK
	2.13.24 ESRA	All		OK
	2.13.25 Other, please specify Your input here	Planting bills, tender documents, work orders, press releases, training and further education certificates		OK
	2.14 Additional techniques employed for evaluation			
<b>2.15 Geographically relevant tools employed by the auditing team for evaluation</b>				

## The evaluation process

Display	Question	Inputs	Units	Validation
	2.15.1 FSC GIS Portal	No		OK
	2.15.2 Google maps, Bing maps and similar	Yes		OK
	2.15.3 Global Forest Watch	No		OK
	2.15.4 GPS tracking devices (including GPS-enabled smartphones)	Yes		OK
	2.15.5 Desktop GIS tools QGIS, ArcGIS	Yes		OK
	2.15.6 CB's own GIS system	No		OK
	2.15.7 CH's own GIS system	Yes		OK
	2.15.8 Drones, UAVs or similar	No		OK
	2.15.9 Other, please specify Your input here			
<b>2.17 Means of stakeholder engagement</b>				
	2.17.1 Face to face meetings	Yes		OK
	2.17.2 Virtual meetings	No		OK
	2.17.3 Contacted by phone	Yes		OK
	2.17.4 Email, or letter	No		OK
	2.17.5 Notice published in the national and/or local press	No		OK
	2.17.6 Notice published on relevant websites	No		OK
	2.17.7 Local radio announcements	No		OK
	2.17.8 Local customary notice boards	No		OK
	2.17.9 Social media broadcast	No		OK
	2.17.10 Other, please specify Your input here			
<b>2.18 Stakeholder groups engaged in audit</b>				
	2.18.1 Economic interests	Yes		OK
	2.18.2 Social interests	Yes		OK
	2.18.3 Environmental interests	Yes		OK
	2.18.4 FSC-accredited certification bodies active in the country	No		OK
	2.18.5 National and state forest agencies	Yes		OK
	2.18.6 Experts with expertise in controlled wood categories	No		OK
	2.18.7 Research institutions and universities	No		OK
	2.18.8 FSC regional offices, FSC network partners, registered standard development groups and NRA working groups in the region	No		OK
	2.18.9 Forest workers, contractors	Yes		OK
	2.18.10 Local communities, residents	Yes		OK
	2.18.11 FME personnel	Yes		OK
	2.18.12 Indigenous Peoples	Yes		OK
	2.18.13 Other, please specify Your input here			
<b>Certification Decision</b>				
	2.19 Difficulties identified during the evaluation	No difficulties were faced during the audit. CH allow full and free access to facilities, information system (Data and GIS), documents verification and workers.		OK
<b>2.20 Conditions (corrections of minor non-conformities) or pre-conditions (corrections of major non-conformities) associated with the certification decision</b>				
	2.20.1 No specific condition *	No		OK
	2.20.2 Correction of minor NCRs issued within required timelines *	Yes		OK
	2.20.3 Correction of major NCRs issued within required timelines *	No		OK
	2.20.4 Correction of the pre-conditions to certification identified *	No		OK
	2.20.5 Other			
<b>2.21 Lead auditor opinion</b>				
	2.21.1 The certificate holder's system of management, if implemented as described, is capable of ensuring that all of the requirements of the applicable standard(s) are met over the whole forest area covered by the scope of the evaluation. *	Yes		OK
	2.21.2 The certificate holder has demonstrated, subject to correction of the identified non-conformities, that the described system of management is being implemented consistently over the whole forest area covered by the scope of the certificate. *	Yes		OK
<b>2.22 Auditor recommendation for the certificate holder's management system and performance</b>				
	2.22.1 A certificate can only be issued/reissued/maintained when all identified Major CARs are closed *	Yes		OK

## The evaluation process

Display	Question	Inputs	Units	Validation
	2.22.2 The FM system of the evaluated enterprise does not comply with the provisions and standards of FSC. Due to the number of identified major non-compliances the auditors recommend the immediate suspension of the certificate *	No		OK
	2.22.3 Other			
	2.23 Certification decision *	Maintain		OK
	2.24 Decision detail			
	2.25 Decision date *	2022-12-09		OK
	2.26 Decision making entity *	GFA Certification GmbH, Director Forestry & Land Use		OK

# Personnel / audit team

Number of Valid Entries: 3

3.01 Name *	3.02 Role *	Person Days		Expertise					3.06 Auditor UAN (enter 0 if none) *	3.07 Profile	Validation
		3.03 Prep / pre-evaluation *	3.04 On-site *	3.05.1 Forestry	3.05.2 Ecology	3.05.3 Sociology	3.05.4 Environment	3.05.5 Economics			
Miguel Serrão	Audit team leader	1,50	3,20	Yes	Yes	Yes	Yes	Yes	UAN-MS1610319	OK	
Nith Chin	Technical expert	0,20	2,00	Yes	Yes	Yes	Yes	Yes	0	OK	
Long Kheng	Technical expert	0,50	1,00	No	Yes	No	Yes	No	0	OK	



## Forest management enterprise information

Display	Question	Inputs	Units
<b>Forest Area</b>			
<b>5.01 Area certified both to FSC and another scheme (specify if non-PEFC)</b>			
5.01.1	Area certified both to FSC and another scheme (PEFC Endorsed) *	7896,10	ha
5.01.2	Other certification scheme used (Non-PEFC) - name	N/A	
5.01.3	Other certification scheme used (Non-PEFC) - area certified	0,00	ha
<b>5.02 Brief description of any area of forest over which the certificate holder has some responsibility, whether as owner (including shared or partial ownership), manager, consultant or other responsibility) which the certificate holder has chosen to exclude from the scope of the certificate, together with an explanation of the reason.</b>			
		N/A	
<b>5.03 Area of forest owned/managed but excluded from MUs in the scope of certification</b>			
5.03.1	According to FSC-POL-20-003 *	0	ha
5.03.2	Other reasons *	0	ha
<b>5.04 Explanation as to how MUs designated as SLIMF meet the eligibility criteria as a SLIMF (as per FSC-STD-01-003)</b>			
		N/A	
<b>Forest Workers</b>			
5.05	Male forest workers *	54	
5.06	Female forest workers *	8	
5.07	Average wage in USD paid to males employed in managerial positions during the last calendar year		
5.08	Average wage in USD paid to females employed in managerial positions during the last calendar year		
5.09	Number of males employed in managerial positions during the last calendar year		
5.10	Number of females employed in managerial positions during the last calendar year		
5.11	Total number of local community members employed through management activities, including contractors, during the last calendar year		
5.12	Number of accidents since previous audit	0	
5.13	Direct costs in USD associated with forest management induced to comply with the requirements for FSC certification		USD
<b>Impacted Parties</b>			
<b>5.15 Third parties related/impacted by forest management activities</b>			
5.15.1	Third parties related/impacted by forest management activities (Local Communities) *	Yes	
5.15.2	Third parties related/impacted by forest management activities (Traditional Peoples) *	Yes	
5.15.3	Third parties related/impacted by forest management activities (Indigenous Peoples) *	No	
5.15.4	Third party description (existence, interests or activities etc.)		
<b>5.16 Services provided to local communities</b>			
5.16.1	water source *	No	
5.16.2	recreation *	No	
5.16.3	training *	No	
5.16.4	road maintenance *	Yes	



## Forest management enterprise information

Display	Question	Inputs	Units
	5.16.5 other, please specify		
<b>Environmental Values</b>			
	5.17 Area of forest classified as High Conservation Value forest *	0	
<b>5.18 HCVs Present</b>			
	5.18.1 HCV1 Species diversity *	No	
	5.18.2 HCV2 Landscape-level ecosystems and mosaics *	No	
	5.18.3 HCV3 Ecosystems and habitats *	No	
	5.18.4 HCV4 Critical ecosystem services *	No	
	5.18.5 HCV5 Community needs *	No	
	5.18.6 HCV6 Cultural values *	No	
<b>5.19 Environmental safeguards relevant to forest operations</b>			
	5.19.1 buffer zone *	Yes	
	5.19.2 chemical use control *	Yes	
	5.19.3 conservation area set aside *	No	
	5.19.4 erosion control *	Yes	
	5.19.5 other, please specify		
	5.20 Description of environmental safeguards	Grandis Timber establish buffer zones along water streams complying with FAO's best practices The use of chemicals to control defoliator Hablea purea is done only in plataion areas with heavy damages by trained personal safeguarding environmental values (water streams and native species of flora) Plantation sites are monitored and water flow works done as well as road passages bridges built and maintained, both to reduce potential soil erosion	
<b>Commercial Stocks</b>			
	5.21 Total growing stock of broadleaves		m3
	5.22 Total growing stock of conifers		m3
<b>5.23 Species selection and rationale</b>			
	5.23.1 fast growing *	Yes	
	5.23.2 pest & disease resistant *	No	
	5.23.3 climate change *	Yes	
	5.23.4 other, please specify		
<b>Management Changes</b>			
	5.24 The main obstacles to meeting the requirements of FSC certification	The market demand for certified wood	
	5.25 Main changes in forest management implemented to comply with requirements for FSC certification	N/A. FMP is aimed to comply with FSC certification requirements	
	5.26 Main strengths and weaknesses with respect to the overall conformity with the Forest Stewardship Standard used for the evaluation	Strong leadership and clearly defined objectives for the management Well trained and competent staff Main weaknesses derived from reduced interest/price compensation of the local market for certified wood Trends in rainfall and original species distribution are also wekanesses of the system the organization is working to overcome	
<b>Group Management</b>			
<i>Only required for Group Certificates</i>			
	5.27 Total number of group members		
	5.28 Group members located in more than one country		
	5.29 Maximum manageable number of group members		
	5.30 Number of members sampled annually by group entity		

## Forest management enterprise information

Display	Question	Inputs	Units
	<b>5.31 Sampling system implemented by the group entity</b>		
	5.31.1 stratified sampling		
	5.31.2 cluster sampling		
	5.31.3 random sampling		
	5.31.4 systematic sampling		
	5.31.5 other, please specify		
	5.32 Group entity's sampling system employed to select MUs for evaluation, and its implementation		
	<b>5.33 Responsibilities for implementation of the applicable standard(s) in the group</b>		
	5.33.1 Management planning		
	5.33.2 Forest protection		
	5.33.3 Silviculture		
	5.33.4 Harvesting		
	5.33.5 Sales & marketing		
	5.33.6 Use of trademark		
	5.33.7 Stakeholder engagement		
	5.33.8 Training		
	5.33.9 Ecosystem services impacts		
	5.34 Elaboration of responsibilities of group entity, members and contractors, include ecosystem services if applicable		

# Management Units

					Area Units: ha		Number of Valid Entries: 1														
7.01 MU name *	7.02 Forest zone *	7.03 SLIMF type *	7.04 Tenure-ownership *	7.05 Tenure-management *	7.06 Centroid Latitude *	7.07 Centroid Longitude *	7.08 Total production forest area *	7.09 Total non-production forest area *	7.10 Total area of MU *	7.11 Natural Forest area *	7.12 Plantation area *	7.13 Replanted Forest area *	7.14 Natural regenerated forest area *	7.15 Conservation area *	7.16 Strictly protected area *	7.17 NTFP area *	7.18 Area with ecosystem services claims	7.19 Annual allowable cut (AAC) *	7.19.1 Units *		
<b>Area Totals</b>							6 622,76	1 273,35	7 896,11	1 273,35	6 622,76	6 622,76	1 273,35	1 273,35	0,00	0,00	0,00				
Grandis timber	Tropical	Non-SLIMF	State	Concession	11,52821100	104,14326400	6 622,76	1 273,35	7 896,11	1 273,35	6 622,76	6 622,76	1 273,35	1 273,35	0,00	0,00	0,00	24 604,50	m3		

## Main commercial timber species included in scope of the certificate

Number of Valid Entries: 4

8.01 Species *	8.02 Product code *	8.03 Trade name	8.04 Harvest planned in current calendar year *	8.04.1 Units *	8.05 Remarks	8.06 Sold with FSC Claim in previous calendar year *	8.06.1 Units *
Tectona grandis	W1.1 Roundwood (logs	Teak		0,00 m3			0,00 m3
Eucalyptus spp	W1.1 Roundwood (logs	Eucalyptus		1203,00 # items	poles - thinning		0,00 m3
Acacia spp.	W1.1 Roundwood (logs	Acacia		883,70 m3	firwood - thinning		0,00 m3
Khaya senegalensis	W1.1 Roundwood (logs	Mahogany		0,00 m3			0,00 m3

## Pesticide use since previous audit/year

Pesticide Restrictions Data  
Last Updated

31.03.2021

Number of Valid Entries:

10.01 Active ingredient *	10.02 Restriction	10.03 Applied area *	10.03.1 Units *	10.04 Reason for use *	10.05 Quantity of ingredient *	10.05.1 Units *	10.06 Summary of ESRA *
glyphosate	Unrestricted	75,00	ha	Control weed along firebreak. Weed extremely dense and some places double sprays. In the Nursery - Mother plant weed control	558,00	litres	No application in conservation or protection areas, mainly close to water streams ofr bodies No applicatioin in windy or rainy days

## Forest context and management plan

Display	Question	Inputs	Validation
	11.28 Description of the forest	<p>The Concession Area was heavily logged during the late 1980's early 1990's. Since then, local residents have harvested small diameter logs off the site for firewood and charcoal production. The current state of the forest cover on the site is severely degraded and in some areas in the early stages of desertification</p> <p>This area was previously under an economic concession, which has been terminated due to failure of the concessionaire to make the necessary progress in developing the concession</p> <p>The concession has been awarded to Grandis Timber Limited with a total area of 7,896.11 hectares. in accordance with Chapter 5 of 2002 Land Law and Sub Decree 146 Economic Land Concessions, under a contract with the Ministry of Agriculture, Forestry and Fisheries (MAFF). The last version of the contract was firmmed the 1/12/2017 although a Memorandum and Artical of Association formaly approving the revised FMP was firmmed in 22/12/2020,</p>	OK
	11.28.1 Name and/or location of the certified forest area(s)	Grandis Timber Ltd. - Vkiririom, Phnom Sruoch and Oral, Kampong Speu, Cambodia	OK
	11.29 Description of the management system	<p>Grandis is a commercial reforestation company, developing high value tropical hardwood plantation assets on areas of degraded to severely degraded ex-natural forest land. Grandis Timber is the wholly owned subsidiary of Monsoon Timber K/S.</p> <p>The organization is divided into 4 departments each under a manager reporting to the CEO: Operations, Finance, Corporate Services and Sustainability.</p> <p>The organizational structure implemented is a procedure driven, hierarchical, matrix type structure.</p>	OK
	11.30 Description of segregation controls implemented	Segregation is made o	OK
	11.01 Legislative, administrative and land use context of the forest operation	<p>The basis for forest management is the Cambodian Forestry Law of 2003</p> <p>There is no particular regulation for forest plantations because they are considered as agricultural crops (interview with the Head Officer of the Cambodian Forestry Administration, April 3, 2013, Phnom Penh).</p>	OK
	11.02 Roles of responsible government agencies involved in aspects of forest management	<p>The Cambodian Forestry Administration (FA) is a government authority under the Ministry of Agriculture, Forestry and Fisheries (MAFF) in managing forests and forest resources according to the National Forestry Sector Policy and the Forestry Law.</p> <p>The Forestry Administration has a unique management and organization structure for the whole country in vertical line, which divided into central, inspectorate, cantonment, division, and triage forestry administration levels (French model)</p>	OK
	11.03 Ownership and use-rights (both legal and customary) of lands and forest of external parties other than the certificate holder	<p>No ownership and use-rights (legal and customary) of 3rd parties identified.</p> <p>The legal and customary user rights of the families' productively occupying land within the Concession Area are protected. Use right are defined in the Forestry law 2003 (chap 9 art 40) as following:</p> <ul style="list-style-type: none"> <li>The collection of dead wood, picking wild fruit, collecting bees' honeys, taking resin, and collecting other forest by-products;</li> <li>Using timbers to build houses, stables for animals, fences and to make agricultural instruments;</li> <li>Grass cutting or unleashing livestock to graze within the forests;</li> <li>Using other forest products &amp; by-products consistent with traditional family use;</li> </ul> <p>The right to barter or sell forest by-products shall not require the permit, if those activities do not cause significant threat to the sustainability of the forest.</p> <p>Hunting had been forbidden by Grandis Timber Ltd</p>	OK

## Forest context and management plan

Display	Question	Inputs	Validation
	<b>11.04 Non-forestry activities being undertaken within the area evaluated, whether they are undertaken by the certificate holder or by some other party (e.g. mining, industrial operations, agriculture, hunting, commercial tourism, etc.)</b>		
	11.04.1 mining	No	OK
	11.04.2 industrial operation	No	OK
	11.04.3 agriculture	Yes	OK
	11.04.4 hunting	No	OK
	11.04.5 commercial tourism	No	OK
	11.04.6 other, please specify		
	11.05 Forest management objectives	<p>The management objectives and activities are clearly indicated in the last updated version of contract termed 01/12/2017 with MAFF and updated in 22/12/2020 (MoA)</p> <p>Teak, Acacia and Eucalyptus tree plantation (main production) and other species (e.g Mahogany)</p> <p>Agro forestry</p> <p>Planting seasonal and secondary crops for soil coverage protection</p> <p>Test planting of others kinds of tree on a reasonable small size</p> <p>Construction of processing plant.</p> <p>Develop infrastructure to support main and secondary production.</p> <p>The Planting Operations for Teak are following different stages:</p> <p>Land preparation</p> <p>Harvesting of non-commercial forest products if available;</p> <p>Removal of brush and woody material;</p> <p>Contour development to prevent erosion</p> <p>Rectification of soil fertility through the utilisation of secondary fertilized or unfertilized crops and intensive grazing</p> <p>Ripping on the plant line after soil fertility rectification;</p> <p>Planting</p> <p>High quality clonal planting material is planted in the rip lines on the developed planting site at a density of approximately 1,300 trees per hectare.</p> <p>Weed Control through the following:</p> <p>Mechanical removal (pulling, mulching or slashing);</p> <p>Herbicide spraying;</p> <p>Cover crops.</p> <p>Cattle grazing.</p> <p>Thinning and harvesting: Thinning will be done in 3 operations, the first of which is to waste and the second and third for production. While the timings and target stockings will be more closely defined depending on growth rates, in general the following prescription will be used;</p> <p>T1Thin to Waste to 850 stems per hectare at age 5</p> <p>T2Thin for production to 650 stems per hectare at age 10</p>	OK
	11.06 Land use and ownership status of the forest resource	Grandis Timber Ltd. owns a 50-year contract for a land concession called 'Contract on the investment of Teak Tree Plantation' signed between the company and the Cambodian Ministry of Agriculture, Forestry and Fisheries (MAFF). Thus, the land is property of the Cambodian State as Private state land	OK
	11.07 Socio-economic conditions of the forest management	<p>Forest management is developed in a rural area of Cambodia wher the context of employment is based on self and family employment in agriculture and charcoal production (micro units). No industrial or supporting sevices employment is presnet in the region.</p> <p>The economical contribution of the company for tyhe region is expected to be relevant, although the impact of the COVID pandemic had a negative impact in the company performance</p>	OK
	11.08 Brief description of forest composition	<p>Forest areas of the concession are:</p> <ul style="list-style-type: none"> <li>-plantations of Teak, Eucalyptus, Acacia, Mahogany and some other species (most of it native)</li> <li>-wetlands (periodical water logging areas set aside for renaturalization of former unsuccessful plantations from the previosu concession)</li> <li>-Protection areas (buffer zones, etc.)</li> <li>-bare lands (available for plantation)</li> </ul>	OK
	<b>11.09 Profile of adjacent lands</b>		
	11.09.1 urban	No	OK
	11.09.2 agriculture	Yes	OK
	11.09.3 wetland	Yes	OK
	11.09.4 mining	No	OK
	11.09.5 desert	No	OK
	11.09.6 pasture	Yes	OK
	11.09.7 orchards	No	OK
	11.09.8 other, please specify		

## Forest context and management plan

Display	Question	Inputs	Validation
	11.10 Management structure of the certificate holder	<p>Grandis Timber Ltd. is a registered Cambodian limited company wholly owned subsidiary of Monsoon Timber K/S, a Danish Limited Partnership.</p> <p>The officers and directors of Grandis Timber Ltd. are as follows:</p> <ul style="list-style-type: none"> <li>•Chairman and Director - Mr. Timothy Andrew Fleming 1/22 Vernal Avenue, Mitcham, Victoria 3132, Australia</li> <li>•Director - Mr. Glen Samsa 10 The Esplanade, North Shore, Victoria 3214, Australia</li> <li>•CEO - Mr. Eugene Kraamwinkel #476G, Monivong Blvd, Tonle Bassac, Chamkamorn, Phnom Penh 12000, Cambodia</li> </ul> <p>The company's central offices are located at: 38D, Street 494 Phsar Doeum Thkov, Chamkamorn Phnom Penh, Cambodia</p> <p>The company have the administration site approximately 120 kilometres from Phnom Penh in Racksmei Sameakki Commune in Aoral District and Krang Dei Vay Commune in Phnum Sruoch District in Kampong Speu Province, Cambodia.</p> <p>The management structure is composed by a:</p> <ul style="list-style-type: none"> <li>&gt; Board of directors</li> <li>&gt; General Director/Forestry Director</li> <li>&gt; Financxe department</li> <li>&gt; Corporate services</li> <li>&gt; Operation department - Site management   Management Forester</li> <li>&gt; Sustainability department</li> </ul>	OK
	11.11 Division of forest management responsibilities	<p>Planning, budgeting, data treatment, control and reporting is done by the central office</p> <p>Administration site is responsible for plant production, management operations, forest inventory and monitoring activities</p> <p>The responsibilities at each management level and even for the forest workers are detailed in the company's labor policy and respective procedures and in the Master Plan</p>	OK
<b>11.12 Use of contractors by the certificate holder</b>			
	11.12.1 silviculture	Yes	OK
	11.12.2 road building	No	OK
	11.12.3 harvesting	No	OK
	11.12.4 transportation	Yes	OK
	11.12.5 forest protection	No	OK
	11.12.6 pest and disease control	No	OK
	11.12.7 other, please specify		
	11.13 Training implemented by the certificate holder	<p>Staff and internal workers are trained for safety and technical activities and operations</p> <p>External workers are trained for the operations in which are involved and safety procedures (no external workers for the 2022 period)</p>	OK
	11.14 Silvicultural system/regime implemented by the certificate holder	Pure evenaged stands silvicultural model for timber	OK
<b>11.15 Technique used for harvesting operations of the certificate holder</b>			
	11.15.1 mechanized harvesting	No	OK
	11.15.2 manual harvesting	Yes	OK
	11.15.3 semi-mechanized harvesting	Yes	OK
	11.15.4 animal hauling	No	OK
	11.15.5 other, please specify		
	11.16 Management strategy for the identification and protection of rare, threatened and endangered species	Monitoring is conducted by the company staff in a regular basis. Fundamental studies are made periodically to assess and review the results of the surveys on flora and fauna.	OK
<b>11.17 Forest monitoring methods implemented by the certificate holder</b>			
	11.17.1 forest inventory	yes	OK
	11.17.2 drone monitoring	no	OK
	11.17.3 remote sensing	no	OK
	11.17.4 social survey	yes	OK



## Forest context and management plan

Display	Question	Inputs	Validation
	11.17.5 sampling plots	yes	OK
	11.17.6 other, please specify		
	11.18 Elaboration of Monitoring of growth, yield and forest dynamics including change of fauna and flora	Monitoring is conducted by the company staff in a regular basis. Fundamental studies are made periodically to assess and review the results of the surveys on flora and fauna.	OK
	11.19 Environmental and social impacts, and costs, productivity, and efficiency	The company conducted the due assessments and comply with the commitments within the scope of the contract signed with MAFF (social and environmental funds). Annual budget budget allocate proper funds to implement the management plan to ensure long-term economic viability, including environmental and social impacts, as well as management operations and supporting activities	OK
	11.20 Explanation of the assumptions (e.g. silvicultural) on estimate of the maximum sustainable yield for the main commercial species	Estimates for AAC are based in the silvicultural models for each species and data from the forest inventory conducted by the company	OK
	11.21 Reference to the source of data (e.g. inventory data, permanent sample plots, yield tables) on which estimates are based	Inventory conducted by the company staff	OK
	11.22 Investments and measures taken for the prevention and control of natural hazards (fires, storm, flood, disease, pests, pathogens etc.) during the last calendar year	Mitigation and control measures were taken to address erosion risks as per the reinforcement of passage bridges and water reservoirs for fire combat equipment refill	OK

## Forest context and management plan

Display	Question	Inputs	Validation
	11.23 The risk of products from non-certified sources (including any areas specifically excluded from the scope of the certificate) being mixed with products from the forest area evaluated	All area of Grandis Timber is certified and so the risk of misture is negligibile. However, control measures are established. Negligible risk occurs since no other plantations with the same species was detected in teh vicinities.	OK
	11.24 Explanation of the control (tracking and tracing) systems in place that address the risk identified	<p>Control measures established to ensure tracing and tracking of the timber are:</p> <ul style="list-style-type: none"> <li>•Harvest compartments according to plan/budget.</li> <li>•Plan the harvesting operation for each compartment and measure the volume to be delivered for each commodity.</li> <li>•Harvesting should not exceed delivery</li> <li>•Opening roads and depot areas to prevent damage to vehicles by trees.</li> <li>•Felling will be directional in a herringbone fashion.</li> <li>•Timber will be cross-cut infield and stacked on extraction routes every 20m apart</li> <li>•Stack brush at least 10m away from the road and then every 20m intervals at right angles to the slope to prevent erosion.</li> <li>•Extraction routes following contour lines.</li> <li>•Extraction routes closed with brush to prevent erosion.</li> <li>•Timber will be stacked on depot for sale or longhaul to markets</li> <li>•No vehicles will be allowed to stand on roadways to be loaded.</li> <li>•Harvesting supervisor</li> </ul> <p>&gt;&gt;Mark out the harvesting plan infield in conjunction with GIS including:</p> <ul style="list-style-type: none"> <li>&gt;&gt;&gt;Felling direction</li> <li>&gt;&gt;&gt;Extraction routes</li> <li>&gt;&gt;&gt;Infield stacking areas</li> <li>&gt;&gt;&gt;Depot areas</li> </ul> <p>&gt;&gt;Training of contractor and contract personal</p> <p>&gt;&gt;Measure compliance to SOP and plan and reporting non-compliance.</p> <p>&gt;&gt;Measure volumes generated to enable payment</p> <p>&gt;&gt;Arrange transport equal to volumes generated.</p> <p>&gt;&gt;No timber to be stacked in drains or culverts</p>	OK
<b>11.25 The documentation or marking system that allows products from the certified forest area to be reliably identified</b>			
	11.25.1 documents with transportation	Yes	OK
	11.25.2 tree mark	No	OK
	11.25.3 bar code or quadratic code	No	OK
	11.25.4 other, please specify		
	11.26 Elaboration of the chain of custody documentation or marking system	No certified wood sold until the present date. Chain of custody documentation established in SOP for harvesting	OK
<b>11.27 The final point or forest gate of the certified product</b>			
	11.27.1 log yard	No	OK
	11.27.2 road side	Yes	OK
	11.27.3 other, please specify		

# Stakeholder comment(s)

Number of Valid Entries:

6

12.01 Stakeholder group	12.02 Stakeholder description	12.03 Stakeholder's comment	12.04 Notified before audit?	12.05 Interviewed during this audit?	12.06 CB's follow up
Indigenous Peoples	Traditional/Indigenous People	Good relationships with company No complaint Benefits from company / employment	No	Yes	N/A
FME personnel	Operational	Good income Fair treatment Training on safety	No	Yes	N/A
FME personnel	Supporting staff	Good income Fair treatment Training on safety	No	Yes	N/A
Social interests	Village leader	Good relationships with company Benefits for local communities Actually less work for locals Legal compliance	Yes	Yes	N/A
Forest workers, contractors	Machinery and people supplier	Nothing negative on company behavior Fair payment Legal compliance	Yes	Yes	N/A
Economic interests	Administration chief	Good economic contribute Fair treatment with local communities Benefits for local communities Actually less work for locals Legal compliance	Yes	Yes	N/A

## Nonconformities/Observations raised

Number of Valid Entries: 11

14.01 Unique Finding number *	14.02 CB Non-conformity Ref	14.03 Issue date *	14.04 Due date *	14.05 Close date *	14.06 Grading *	14.07 Open / Closed *	14.08 Standard *	14.09 Clause *	14.10 Requirement	14.11 Description of audit finding	14.12 Corrective action taken by the auditee	14.13 CB's review of corrective actions
2021-C-109614-02	Major CAR 2022-01 (formerly 2021-02)	2022-09-09	2022-12-09	2022-12-07	Major	Closed	NFSS	8.4.1	A summary of the monitoring results consistent with Annex G, in a format comprehensible to stakeholders, including maps and excluding confidential information*, is made publicly available* at no cost.	The monitoring results summary is not being made available by the company, neither a summary report template was evidenced. Since no action was taken by the company and the finding was already identified in the last audit, it is upgraded to Major CAR	The monitoring report has been written up and the commitment from the company will be reporting once in every three months. The content of the reports contains the information related to employment data, waste include hazardous waste, water and energy consumption, plantation operation achievement as well as the community and government engagement execution (attached monitoring report whole year 2021 and the last 9 months reports in 2022). Link to the company webpage with the reports with the summary of the monitoring: <a href="https://www.grandistimber.com/company-report/">https://www.grandistimber.com/company-report/</a>	Root cause analysis is appropriate and corrective actions with the the summary of monitoring results uploaded in the webpage of the company are consistent with the indicator requirement. Preventive action is adequate to prevent future non compliance
2022-C-109614-01	Minor CAR 2022-02	2022-09-09	2023-09-09		Minor	Open	NFSS	6.1.2	Assessments of environmental values* are conducted with a level of detail and frequency so that: 1.Impacts of management activities on the identified environmental values* can be assessed as per Criterion* 6.2; 2.Risks* to environmental values* can be identified as per Criterion* 6.2; 3.Necessary conservation* measures to protect values can be identified as per Criterion* 6.3; and, 4.Monitoring of impacts or environmental changes can be conducted as per Principle* 8.	Running water from a water passage into a plot of Eucalyptus plantation resulting in a water logging situation interfering with the regular tree growth and with erosion potential was detected during the visit, but not identified as a situation (e.g.: in the erosion map,) in order to be addressed during the next dry season		
2022-C-109614-02	Minor CAR 2022-03	2022-09-09	2023-09-09		Minor	Open	NFSS	7.5.2	Relevant components of the management plan*, excluding confidential information*, are available to affected stakeholders* on request at the actual costs of reproduction and handling.	The FMP summary is made publicly available but the version does not match with the also publicly available Mission, Goals & Objectives of the company		
2022-C-109614-03	Minor 2022-04	2022-09-09	2023-09-09		Minor	Open	NFSS	8.1.1	Procedures are documented and executed for monitoring the implementation of the management plan* including its policies and management objectives* and achievement of verifiable targets*.	Procedures for forest inventory are incomplete since it doesn't describe the criteria to implement the sampling plots, which may be inducing skewness in the global estimates of the standing volume		

## Nonconformities/Observations raised

Number of Valid Entries: 11

14.01 Unique Finding number *	14.02 CB Non-conformity Ref	14.03 Issue date *	14.04 Due date *	14.05 Close date *	14.06 Grading *	14.07 Open / Closed *	14.08 Standard *	14.09 Clause *	14.10 Requirement	14.11 Description of audit finding	14.12 Corrective action taken by the auditee	14.13 CB's review of corrective actions
2022-C-109614-04	Minor 2022-05	2022-09-09	2023-09-09		Minor	Open	NFSS	10.7.4	<p>The use of pesticides* complies with the ILO document "Safety in the use of chemicals at work":</p> <ul style="list-style-type: none"> <li>•Storage and transportation follow the instructions indicated on the chemical safety data sheets</li> <li>•Workers are equipped with personal protective equipment which includes respiratory protective equipment, protective clothing and footwear, equipment to protect the face, eyes and hands.</li> <li>•Emergency procedures for clean-up following accidental spillages are established and</li> <li>•Fresh water is available at any time.</li> </ul>	<p>During the visit to the main warehouse as well as to the nursery support warehouse, chemicals were found to be stored without neither identification signals nor safety data sheets (MSDS).</p>		
2022-C-109614-05	Observation 2022-01	2022-09-09	2023-09-09		Obs	Open	NFSS	2.3.2	<p>Workers* are provided with personal protective equipment appropriate to their assigned tasks free of charge.</p>	<p>A first aid box prepared to be used by the field workers, verified in the infirmary was missing eye drops and/or physiological serum, essential element to prevent major damage in case of an incident. Since it was not being in use the finding is graded as an observation.</p>		
2022-C-109614-06	Observation 2022-02	2022-09-09	2023-09-09		Obs	Open	NFSS	5.3.1	<p>Costs related to preventing, mitigating or compensating for negative social and environment impacts of management activities are quantified and documented in the management plan*.</p>	<p>Grandis Timber allocate funds in the annual budget to implement the management plan in order to meet the standard and to ensure long-term economic viability. However, the expenditures made to address environmental issues are being booked in an item that aggregates other distinct costs, not allowing a clear demonstration of its financial execution.</p>		
2022-C-109614-07	Observation 2022-03	2022-09-09	2023-09-09		Obs	Open	NFSS	6.7.1	<p>Protection* measures are implemented to protect* natural watercourses*, water bodies*, riparian zones* and their connectivity*, including water quantity and water quality.</p> <p>Note: Protection measures include but are not limited to</p> <ul style="list-style-type: none"> <li>•Buffer zones are established to protect natural watercourses* and water bodies*, their connectivity*, in-stream habitat*, and fish, invertebrates, and other aquatic species according to national legislation but in no case less than 5 meters.</li> <li>•Native vegetation in buffer zones is maintained. Where plantations have been established in buffer zones, these plantations are converted proactively to more natural conditions within one rotation period.</li> <li>•Road (including forest road) design prevents impacts on watercourses caused by erosion, sedimentation or blocking of water courses.</li> </ul>	<p>Grandis Timber identified erosion spots on a passage bridge over a stream, as a result of its monitoring activities and executed consolidation operations, during the previous dry season, However, rainfall in the present year resulted in partial destruction of the previous season consolidation operations and deep erosion evidences. In order to plan its correction during the next dry season, the situation is identified (GIS) and mark in the field, to avoid risk of accidents. Nevertheless, consolidation operations should be revised and improved to assure effectiveness in this kind of situation, since the rainfall amounts tend to be higher and concentrated in time for the future.</p>		

## Nonconformities/Observations raised

Number of Valid Entries: 11

14.01 Unique Finding number *	14.02 CB Non-conformity Ref	14.03 Issue date *	14.04 Due date *	14.05 Close date *	14.06 Grading *	14.07 Open / Closed *	14.08 Standard *	14.09 Clause *	14.10 Requirement	14.11 Description of audit finding	14.12 Corrective action taken by the auditee	14.13 CB's review of corrective actions
2022-C-109614-08	Observation 2022-04	2022-09-09	2023-09-09		Obs	Open	NFSS	7.2.2	The management plan* addresses the elements listed in Annex E, and is implemented.	GIS mapping system do not have the same classification for land uses and occupation with the same status and/or objectives, interfering with a correct quantification of the different land uses and assessment of the verifiable objective of the management plan		
2022-C-109614-09	Observation 2022-05	2022-09-09	2023-09-09		Obs	Open	NFSS	8.5.2	Information about all products sold is compiled and documented, including: 1.Common and scientific species names and trade name; 2.Product name or description; 3.Volume (or quantity) of product; 4.Information to trace the material to the source-of-origin logging block; 5.Logging date; 6.If basic processing activities take place in the forest, the date and the volume produced; and 7.Whether or not the material was sold as FSC certified.	No sales procedure with the required information to be included in the Invoice and Transportation Order is in place. The finding is classified as Observation since no certified wood have been sold until the present date.		
2022-C-109614-10	Observation 2022-06	2022-09-09	2023-09-09		Obs	Open	NFSS	10.12.1	Collection, clean-up and transportation and disposal of all waste materials* is done in an environmentally appropriate way that conserves environmental values* as identified in Criterion* 6.1	During the field visit some empty water bottle as well as other plastic wastes have been detected left aside, whether inside plantation plots or in the road sides. Since it was not generalized and mainly due to the behavior of people passing it is graded as an observation.		

# Principles & Criteria Summary

Version	V5			
Display	Index	18.01 Standard Requirement	18.02 Num CARs	18.03 Summary Assessment
	P1	The Organization shall comply with all applicable laws, regulations and nationally- ratified international treaties, conventions and agreements.	0	
	P2	The Organization shall maintain or enhance the social and economic wellbeing of workers.	0	
	P3	The Organization shall identify and uphold Indigenous Peoples' legal and customary rights of ownership, use and management of land, territories and resources affected by management activities.	0	
	P4	The Organization shall contribute to maintaining or enhancing the social and economic wellbeing of local communities.	0	
	P5	The Organization shall efficiently manage the range of multiple products and services of the Management Unit to maintain or enhance long term economic viability and the range of environmental and social benefits.	0	
	C5.06		0	
	P6	The Organization shall maintain, conserve and/or restore ecosystem services and environmental values of the Management Unit, and shall avoid, repair or mitigate negative environmental impacts.	0	
	C6.08	The Organization shall manage the landscape in the Management Unit to maintain and/or restore a varying mosaic of species, sizes, ages, spatial scales and regeneration cycles appropriate for the landscape values in that region, and for enhancing environmental and economic resilience.	0	Passed
	C6.09	The Organization shall not convert natural forest to plantations, nor natural forests or plantations on sites directly converted from natural forest to non-forest land use, except when the conversion: a) Affects a very limited portion of the area of the Management Unit, and b) Will produce clear, substantial, additional, secure long-term conservation benefits in the Management Unit, and c) Does not damage or threaten High Conservation Values, nor any sites or resources necessary to maintain or enhance those High Conservation Values.	0	Passed
	C6.10	Management Units containing plantations that were established on areas converted from natural forest after November 1994 shall not qualify for certification, except where: a) Clear and sufficient evidence is provided that The Organization was not directly or indirectly responsible for the conversion, or b) The conversion affected a very limited portion of the area of the Management Unit and is producing clear, substantial, additional, secure long-term conservation benefits in the Management Unit.	0	Not audited
	P7	<b>The Organization shall have a management plan consistent with its policies and objectives and proportionate to scale, intensity and risks of its management activities. The management plan shall be implemented and kept up to date based on monitoring information in order to promote adaptive management. The associated planning and procedural documentation shall be sufficient to guide staff, inform affected stakeholders and interested stakeholders and to justify management decisions.</b>	0	
	C7.01	The Organization shall, proportionate to scale, intensity and risk of its management activities, set policies (visions and values) and objectives for management, which are environmentally sound, socially beneficial and The Organization shall have and implement a management plan for the Management Unit which is fully consistent with the policies and management objectives as established according to Criterion 7.1. The management plan shall describe the natural resources that exist in the Management Unit and explain how the plan will meet the FSC certification requirements. The management plan shall cover forest management planning and social management planning proportionate to scale, intensity and risk of the planned activities.	0	Not audited
	C7.02	The management plan shall include verifiable targets by which progress towards each of the prescribed management objectives can be assessed. The Organization shall update and revise periodically the management planning and procedural documentation to incorporate the results of monitoring and evaluation, stakeholder engagement or new scientific and technical information, as well as to respond to changing environmental, social and economic circumstances.	0	Passed Observation 2022-04
	C7.03	The Organization shall update and revise periodically the management planning and procedural documentation to incorporate the results of monitoring and evaluation, stakeholder engagement or new scientific and technical information, as well as to respond to changing environmental, social and economic circumstances.	0	Not audited
	C7.04	The Organization shall make publicly available a summary of the management plan free of charge. Excluding confidential information, other relevant components of the management plan shall be made available to affected stakeholders on request, and at cost of reproduction and handling.	1	Minor CAR 2022-03
	C7.05	The Organization shall, proportionate to scale, intensity and risk of management activities, proactively and transparently engage affected stakeholders in its management planning and monitoring processes, and shall engage interested stakeholders on request.	0	Passed
	C7.06			

# Principles & Criteria Summary

Version	V5			
Display	Index	18.01 Standard Requirement	18.02 Num CARs	18.03 Summary Assessment
	<b>P8</b>	<b>The Organization shall demonstrate that, progress towards achieving the management objectives, the impacts of management activities and the condition of the Management Unit, are monitored and evaluated proportionate to the scale, intensity and risk of management activities, in order to implement adaptive management.</b>	<b>0</b>	
	C8.01	The Organization shall monitor the implementation of its Management Plan, including its policies and management objectives, its progress with the activities planned, and the achievement of its verifiable targets.	1	Minor CAR 2022-04
	C8.02	The Organization shall monitor and evaluate the environmental and social impacts of the activities carried out in the Management Unit, and changes	0	Passed
	C8.03	The Organization shall analyze the results of monitoring and evaluation and feed the outcomes of this analysis back into the planning process.	0	Passed
	C8.04	The Organization shall make publicly available a summary of the results of monitoring free of charge, excluding confidential information.	1	Major CAR 2022-01
	C8.05	The Organization shall have and implement a tracking and tracing system proportionate to scale, intensity and risk of its management activities, for demonstrating the source and volume in proportion to projected output for each year, of all products from the Management Unit that are marketed as FSC certified.	0	Passed Observation 2022-05
	<b>P9</b>	<b>The Organization shall maintain and/or enhance the High Conservation Values in the Management Unit through applying the precautionary approach.</b>	<b>0</b>	
	C9.01	The Organization, through engagement with affected stakeholders, interested stakeholders and other means and sources, shall assess and record the presence and status of the following High Conservation Values in the Management Unit, proportionate to the scale, intensity and risk of impacts of management activities, and likelihood of the occurrence of the High Conservation Values.	0	Passed
	C9.02	The Organization shall develop effective strategies that maintain and/or enhance the identified High Conservation Values, through engagement with affected stakeholders, interested stakeholders and experts.	0	Not audited
	C9.03	The Organization shall implement strategies and actions that maintain and/or enhance the identified High Conservation Values. These strategies and actions shall implement the precautionary approach and be proportionate to the scale, intensity and risk of management activities.	0	Not audited
	C9.04	The Organization shall demonstrate that periodic monitoring is carried out to assess changes in the status of High Conservation Values, and shall adapt its management strategies to ensure their effective protection. The monitoring shall be proportionate to the scale, intensity and risk of management activities, and shall include engagement with affected stakeholders, interested stakeholders and experts.	0	Not audited
	<b>P10</b>	<b>Management activities conducted by or for The Organization for the Management Unit shall be selected and implemented consistent with The Organization's economic, environmental and social policies and objectives and in compliance with the Principles and Criteria collectively.</b>	<b>0</b>	
	C10.01	After harvest or in accordance with the management plan, The Organization shall, by natural or artificial regeneration methods, regenerate vegetation cover in a timely fashion to pre-harvesting or more natural conditions.	0	Passed
	C10.02	The Organization shall use species for regeneration that are ecologically well adapted to the site and to the management objectives. The Organization shall use native species and local genotypes for regeneration, unless there is clear and convincing justification for using others.	0	Passed
	C10.03	The Organization shall only use alien species when knowledge and/or experience have shown that any invasive impacts can be controlled and effective mitigation measures are in place.	0	Passed
	C10.04	The Organization shall not use genetically modified organisms in the Management Unit.	0	Passed
	C10.05	The Organization shall use silvicultural practices that are ecologically appropriate for the vegetation, species, sites and management objectives.	0	Passed
	C10.06	The Organization shall minimize or avoid the use of fertilizers. When fertilizers are used, The Organization shall demonstrate that use is equally or more ecologically and economically beneficial than use of silvicultural systems that do not require fertilizers, and prevent, mitigate, and/or repair damage to environmental values, including soils.	0	Passed
	C10.07	The Organization shall use integrated pest management and silviculture systems which avoid, or aim at eliminating, the use of chemical pesticides. The Organization shall not use any chemical pesticides prohibited by FSC policy. When pesticides are used, The Organization shall prevent, mitigate, and/or repair damage to environmental values and human health.	1	Minor CAR 2022-05
	C10.08	The Organization shall minimize, monitor and strictly control the use of biological control agents in accordance with internationally accepted scientific protocols. When biological control agents are used, The Organization shall prevent, mitigate, and/or repair damage to environmental values.	0	Not audited



## Principles & Criteria Summary

Version				
V5				
Display	Index	18.01 Standard Requirement	18.02 Num CARs	18.03 Summary Assessment
	C10.09	The Organization shall assess risks and implement activities that reduce potential negative impacts from natural hazards proportionate to scale, intensity, and risk.	0	Passed
	C10.10	The Organization shall manage infrastructural development, transport activities and silviculture so that water resources and soils are protected, and disturbance of and damage to rare and threatened species, habitats, ecosystems and landscape values are prevented, mitigated and/or repaired.	0	Passed
	C10.11	The Organization shall manage activities associated with harvesting and extraction of timber and non-timber forest products so that environmental values are conserved, merchantable waste is reduced, and damage to other products and services is avoided.	0	Passed
	C10.12	The Organization shall dispose of waste materials in an environmentally appropriate manner.	0	Passed Observation 2022-06