

CERTIFICATE

Forest Garden Products (FGP) and Organic EEC Regulation

It is declared herewith to have inspected the product(s) and/or unit(s) of this project as mentioned in the Annex of this certificate and have found them in accordance with the International Standards for Forest Garden Products (FGP) including Organic production as specified by the:

International Analog Forestry Network (IAFN), Costa Rica

&

EEC Regulation 834/2007 & 889/2008) for EU organic production methods

Certificate number: FGPIC IND021.2009FGPCERT021.01.PKS/SR

This certificate and the Annex to this certificate are valid until the date mentioned below unless it is withdrawn as a result of a violation of the standards, the conditions laid down in the contract with F.G.P Inspection & Certification (Pvt) Ltd. and/ or replacement with a new certificate issued to:

Makaibari Tea & Trading (Pvt) Ltd.

Project in: Kurseong, Darjeeling District, India

FGP IC Licensee No: FGP IC IND021

Certified by F.G.P Inspection & Certification Pvt. Ltd.

Dates of last inspection:

4 & 5 May 2009

Date of certificate issue:

15 February 2010

Certificate Validity:

31 March 2011



Signed on behalf of :

F.G.P Inspection & Certification (Pvt) Ltd.

Deva Vikrantha

Certifier

FM 22 Date 31.08.2009

F.G.P Inspection & Certification Pvt. Ltd.

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Tel: +94 777 677736, +94 11 2552494

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Concerned Parties:

Makaibari Tea & Trading (Pvt) Ltd.

FGP Project in: Kurseong, Darjeeling District, India

Distributor & Exporter

'ANANDLOK' ~ 2nd Floor, Flat # 207, 227, A.J.C. Bose Road,
KOLKATA - 700020, INDIA

Tel: +91-33-22878560, Fax: +91-33-22870695

E-MAIL: tclassic2@gmail.com

URL : www.makaibari.com

FGP Project in: Darjeeling District, India

This Annex covers the following product(s) and/or unit(s), that meet(s) with the:

International Standard for

Forest Garden Products (FGP)

from

Bio diversity Indicators, Clean Toxic Free Environmental aspects and

Responsible Fair Trade Social Criteria Practices

And

Organic Production Methods

(EEC Regulation 834/2007 & 889/2008)

As approved by the

**INTERNATIONAL ANALOG FORESTRY NETWORK,
COSTA RICA (IAFN)**



www.analogforestrynetwork.org

Inspected and certified by:

**F.G.P Inspection & Certification (Pvt) Ltd.
(FGP IC)**

IAFN Accreditation Number: C01A

List of Individual owned FGP Agricultural units inspected: 2009

Unit No.	Name & address of FGP unit	Area (ha)	Crops & status
FGP IC IND021 - AG001	Makaibari Tea Estate, Kurseong, Darjeeling, India	248.18 cultivated out of grant of primary forest of 828.18	Forest Garden Product of Organic /bio dynamic production status perennial & semi perennial Bio Diversity crops of tea, cardamoms, herbs, variety of natural forest shade trees

List of Small Group Farmer FGP Agricultural units inspected:

Unit No.	Name & address of FGP unit	Area (ha)	Farmers FGP / Organic status	Crops
NONE				

Other farmers, who are in - conversion to FGP / Organic, have not been included in this inspection.

Total Raw Products estimated for harvest: year 2009/2010

FGP IC AG001: Makaibari Tea Estate

Product Number	Products	Quantity (Tons)
FGP IC IND021-P001	Tea leaves	537
FGP IC IND021-P002	Cinnamon	0.9
FGP IC IND021-P003	Bay leaves	0.5
FGP IC IND021-P004	Ginger	2
FGP IC IND021-P005	Turmeric	2
FGP IC IND021-P006	Lemon grass	2.5
FGP IC IND021-P007	Amla	3
FGP IC IND021-P008	Yarrow	3
FGP IC IND021-P009	Chamomile	2.9
FGP IC IND021-P010	Nettle	4
FGP IC IND021-P011	Valerian	2
FGP IC IND021-P012	Dandelion	2.5
FGP IC IND021-P013	Oak	4
FGP IC IND021-P014	Equisetum	3.5

List of Processing Units: inspected 2009

No.	Name & address of unit	Unit type	Operations
FGP IC IND021 Process – PR 001	Makaibari Tea Estate, Kurseon, Darjeeling, West Bengal, India	Processing	Green & Black Tea: Withering / steaming, cooling, rolling, breaking, fermentation, oven drying, sifting, grading, storage, labelling, administration Cardamoms: Barn drying, sorting, packing, labelling, administration Other products: Sun Drying, labelling, administration
FGP IC IND021 Process – PR 002	T-Classic (Darjeeling) Ltd., 227, AJC Bose Road, 2 nd Floor, Anandlok Building Calcutta, 700020 West Bengal, India	Office Administration, distribution, and Export	Administration, distribution and export

List of products processed for export / local sales: 2009/2010

Product No.	Name & address of origin/ unit	Unit type	Operations/Quantities
FGP IC IND021	FGP IC AG001: Makaibari Tea Estate FGP IC PR-001: Makaibari Tea Factory FGP IC PR 002: T-Classic (Darjeeling) Ltd. Darjeeling, West Bengal, India	Production and processing	Agricultural and processing of FGP products
P-001	Tea (Black & Green Tea)	FGP/ organic	Made tea – 123 T
P-002	Cinnamon	FGP/ organic	Cinnamon – 3 T
P-003	Herbs	FGP/ organic	Variety of herbs
P-004	Turmeric	FGP/ organic	Turmeric – 0.5 T
P-005	Ginger	FGP/ organic	Ginger – 0.5 T

P-006	Lemon grass	1	Lemon grass – 1.5T
P-007	Amla	1.5	Amla – 1.5 T

Clean Environment, Bio Diversity Indicators, Native species and Ecosystems:

The general landscape of the environment is toxic free tea with mixed a diversity of tall & medium shade tree fruits, some spices & some forest trees on steep sloping lands in Darjeeling and flat to mildly sloping lands in Manaburi, that have the minimum 40% of shade levels of an analog forest ecosystem with dense live hedges of non commercial vegetation of glyricidia, ferns, epiphytes, pockets of small forests within and the surrounding primary forests etc that make the lands different from normal organic farms.

The ecosystems that the producers are located in are forest like ecosystems, entire assemblage of organisms with trees, shrubs, herbs, micro organisms, grazing domestic animals & free graze poultry and including people in their environment under sustainable development and bio diversity conservation. Thereby control of emissions of gasses is enabled by enabling CO₂ capture by photosynthesis of plants.

Further the burning of fossil fuels and deforestation are prohibited. Thereby leading to a natural control of emissions of toxic gasses.

Bio diversity indicators identified and reported are:

Soil Macro Organisms,
Vertebrates and Invertebrates,
Birds and Insects,
Physical survey of the soil and water

FGP crops under Organic / Bio Dynamic production:

Agricultural crops are produced in soils of enhanced biological activity determined by the rich conditions of the soil ecosystem, its humus levels, aggregate structure and feeder root development lacking any chemical treatment. The tree crops are fed through the soil ecosystem and not via any soil fertility enhancement of usage of soluble salts added to the soil. Plants and soils are treated with compost.

Crop rotations are not possible in most lands except a few due to the permanent perennial spices, fruits, commodities and herbs cultivation,

under forest shade. Mixed cropping patterns, erosion and manual weed management controls are observed.

Animal grazing movements also contribute to control weeds and soil fertility.

The mixed nature of the bio diversity of the vegetation has controlled insects and other pests.

Chemicals are not used for soil fertility improvement, pest and disease or weed control.

Emission Control and GHG gas absorption:

The tea fields which are maintained with organic and bio dynamic Demeter certified management systems can be examples of landscapes that are self sustaining forest gardens rich in bio diversity and containing a vegetation that is comprised of a wide variety of taller trees, without any genetically modified plants and animals.

These management activities that focus on the beneficial features of the surrounding primary and secondary forests, assure a healthy relationship being maintained with the natural environment and the productive environment that these tea fields represent. These landscapes are very effective at providing other environmental services such as hydrology control, erosion control oxygen generation and bio diversity conservation. The vegetative cover (of the bio diversity of tea bushes and shade trees) in the estate, can control and mitigate the gasses emitted by both natural and production process.

Furthermore there is system to produce bio-gas using the plant residuals and animal waste before applying to the field. This can convert CH₄ to CO₂, but as biotic carbon. It will also help to save some energy and the digested residuals of the bio-gas plant for its use as organic manure.

In the tea factory, dried wood from the wood lots and from the fallen trees in the surrounding primary forests, are in use to drive the tea dryers and the boilers. Thus reducing the amount of fossil carbon used in the production process

In the tea factory processing, no fumigated ingredients, additives, processing aids nor processing agents are used.

Further in the tea factory the dust produced during the various dry processes is extracted and collected into bags and this is used in the compost making process. The air stream from the production unit is also regularly cleaned before even a minimum percentage is released into the environment, thereby controlling factory emissions.

There are multiple natural emission control system in practice that:

- Prohibits deforestation which leads to higher carbon dioxide concentrations,
- Produce bio-gas using the plant residuals and animal waste before applying to the field which can convert CH₄ to CO₂, helping to save some energy and the digested residuals of the bio-gas plant for its use as organic manure,
- Remove greenhouse gases or alternatively sequester them so that these gases are kept out of the atmosphere by condensation and precipitation of the water vapour, while the photo-chemical reactions in the atmosphere, combustion or biological decomposition to degrade CH₄ to CO₂ and water vapour resulting in the accelerated photosynthesis by a variety of trees & plants.

The foregoing thereby lead to a natural control of emissions of toxic gasses in keeping with the International Analog Forestry Network concepts / standards.

Fair Trade Social Standards & Social Criteria practices:

The operator who manages the individual lands, tea factory processors and being an exporter, practices a responsibility in ensuring a share of the profitability is repatriated to the production & processing areas and maintains auditable records to ensure full farmer, processor and customer confidence.

The lands inspected belong to own individual companies. The farmers, those employed as well as the operator's rights are recognised in a mutually satisfactory manner and by regular dialog, with premium prices paid for forest garden organic agricultural products.

Lands and process units, under these standards are not sub-leased or contracted to other operators and maintain clean environmental and safe & healthy working conditions as required under the Responsible Fair Trade Social practices implemented as required by the International Analog Forestry Network standards.

To every extent possible employment is on a recognised employment relationship as per the National law with regular wages, over time etc paid are recorded. Working hours and overtime comply with the National law and are recorded.

Farmers / Workers do not have to lodge deposits or original identity papers, are not physically or sexually harassed or discriminated and can leave their employment giving reasonable notice.

Child labour is not allowed to work in the farmer lands and processing units managed by the operator and consequently does not contribute to the detriment of the education and development of the children.

Forced, prison or bonded labour too are not engaged nor employed as regular / casual workers in the lands or the process units.

Consequently a good and responsible social policy is implemented in keeping with Fair Trade Social criteria of the IAFN standards to ensure secure livelihoods and sustainability.

Name and address of the exporter:

T-Classic (Darjeeling) Ltd.,
'ANANDLOK' ~ 2nd Floor, Flat # 207, 227, A.J.C. Bose Road,
KOLKATA - 700020, INDIA

for

Makaibari Tea & Trading (Pvt) Ltd.
FGP Project in: Kurseong, Darjeeling District, India

FGP IC Licensee No:FGPIC IND021

**The International Analog Forestry Network
Standard for
Forest Garden and Organic EU Products
EC Regulation 834/2007 & 889/2008
Certified
by
F.G.P Inspection & Certification (Pvt) Ltd.**

**Organic Production as per EEC Regulation
834/2007 & 889/2008
is also certified by**

**Control Union Inspections (Pvt) Ltd
Licensee No: 800803**



F.G.P Inspection & Certification (Pvt) Ltd. International Analog Forestry Network

www.forestgardencertification.com

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Signed on behalf of :

F.G.P Inspection & Certification PvtLtd.

Deva Vikrantha

Certifier

15 February 2009

FM 22 Date 31.08.2009

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