

# BRC CERTIFICATE

Certificate No.: 61622-2009-ABRC IOP-IND-ACCREDIA Initial Audit date: 2009-08-05 Certificate expiry date: 2018-06-24  
 Audit date: 2017-05-12 Re-audit due date:  
 from 2018-04-15 to 2018-05-13

This is to certify that the processing activities of

## ITC Limited Paperboards & Specialty Papers Division

Unit- Bhadrachalam, Sarapaka-507 128 Khammam, District, Telangana -India

BRC site code: 1018457

has been found to conform to the standard:

### GLOBAL STANDARD FOR PACKAGING AND PACKAGING MATERIALS ISSUE 5:JULY 2015

Audit programme: announced

The certificate is valid for the following scope:

Production of the Paperboards through Pulping, Bleaching and Multi Fourdrinier web forming in reels/sheets for the Application in Food, Pharma, Personal Care and General Packaging Industries.

Packaging Category: **High hygiene**

Fields of audit: 02 - Papermaking

Including voluntary modules of: **N/A**

Exclusion from scope: **None**

Achieved grade: **GRADE A**

Auditor number: 053064

Place and date:

**Vimercate (MB), 2017-06-19**

For the Accredited Unit:

**DNV GL Business Assurance Italia S.r.l.**



SGQ N° 003 A  
 SGA N° 003 D  
 SGR N° 007 H  
 SCS N° 004 F

SRAS N° 003 P  
 PRG N° 003 B  
 PRG N° 004 C  
 SSI N° 002 G

Membro di MSA EA per gli schemi di accreditamento:  
 SGG, SGA, PRG, PRS, PSR, GRC, LAB e LAR di MSA IAF  
 per gli schemi di accreditamento SGG, SGA, SSI, PSR  
 e PRG e di MSA ILAC per gli schemi di accreditamento  
 LAB, MIO, LAR e PSR



**Nicola Privato**  
 Management Representative

# Certificate

Version: 1

Date: March 14, 2012

## Declaration of Compliance

|                            |   |
|----------------------------|---|
| <i>Trade name</i>          | <b>CARTE LUMINA</b> (With back coat)<br>(hereafter referred to as coated board)   |
| <i>Product description</i> | <i>Coated Folding Box Board</i>   |
| <i>Base board grammage</i> | Ranges between 200 g/m <sup>2</sup> to 400 g/m <sup>2</sup>   |
| <i>Coating</i>             | The coating is on both sides of the board<br>Coating weights vary depending on specifications.<br>For more information see technical specification. |
| <i>Fiber source</i>        | Virgin fiber  |
| <i>Bleaching</i>           | All used pulps are elementary chlorine free (ECF-pulps)   |
| <i>Production site</i>     | <i>Carte Lumina</i> is manufactured at Bhadrachalam   |
| <i>Producer</i>            | <i>ITC Limited, Paperboards and Specialty papers Division</i>   |

### Specific instructions for safe and appropriate use

This coated board is intended for packaging dry foodstuffs.

The information given in this certificate is based on written confirmations of our chemical suppliers as well as evaluations and analyses made by and the certificate of compliance given by an independent research laboratory, TUV SUV South Asia, Product Certification Services.

This coated board is suitable for use under the following conditions of temperature and time. Please also see storage conditions.

- Freezer/fridge (-20°C to 5°C more than 24 hrs.)
- Room temperature (up to 40°C for more than 24 hrs.)

### Food contact

We hereby declare that the coated board before conversion complies where applicable and under foreseeable conditions of use with the relevant requirements of;

- Regulation (EC) No 1935/2004 on materials on materials and articles intended to come into contact with food
- Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food

### Raw materials

#### Paperboard

For the purpose to achieve high chemical and microbiological purity only virgin fibers and food contact approved chemical additives are used as raw material in the production of paperboard. The pulp and paper manufacturing process conforms to established technology involving the use of generally recognized chemicals. All chemical additives used as raw materials for the paperboard are mentioned in the following regulations. Information below is based on the written confirmation of our chemical suppliers and analysis performed on the paperboard.



The **paperboard** complies where applicable and under foreseeable conditions of use with;

- Regulation (EC) No 1935/2004 on materials on materials and articles intended to come into contact with food
- Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food
- German BfR Recommendation XXXVI, Paper and board (2009)
- German BfR Recommendation XXXVI/2, Paper and board (2009)
- US FDA CFR 21, §176.170: Paper and Paperboard Components (2010)
- US FDA CFR 21, §176.180: Paper and Paperboard Components (2010)

Florescent whitening agent (FWAs) and Optical Brightening agents (OBA): Only approved OBAs and FWAs are used in the manufacture of the base board. Though the boards contain FWA and OBAs they do not transfer any contents to dry solid food when kept in contact with the board.

## Analyses / FDA-extractions

### *FDA-extractions*

The following extractions have been performed on representative samples of **coated board** according to the FDA 21 CFR §176.170. The limit 0.5 mg/in<sup>2</sup> stipulated in the FDA 21 CFR § 176.170 is not exceeded.

| Simulant    | Contact Time | Temperature | Extractives(mg/in <sup>2</sup> ) |
|-------------|--------------|-------------|----------------------------------|
| Water       | 2 hours      | 250°F       | <0.5                             |
| Water       | 48 hours     | 70°F        | <0.5                             |
| n-heptane   | 2 hours      | 150°F       | <0.5                             |
| n-heptane   | 30 minutes   | 150°F       | <0.5                             |
| n-heptane   | 2 hours      | 70°F        | <0.5                             |
| n-heptane   | 30 minutes   | 70°F        | <0.5                             |
| 8% alcohol  | 2 hours      | 150°F       | <0.5                             |
| 8% alcohol  | 48 hours     | 150°F       | <0.5                             |
| 8% alcohol  | 2 hours      | 70°F        | <0.5                             |
| 8% alcohol  | 48 hours     | 70°F        | <0.5                             |
| 15% alcohol | 2 hours      | 150°F       | <0.5                             |
| 15% alcohol | 48 hours     | 150°F       | <0.5                             |
| 15% alcohol | 2 hours      | 70°F        | <0.5                             |
| 15% alcohol | 48 hours     | 70°F        | <0.5                             |

## Analyses / Paperboard

### *Heavy metals in paperboard*

The **coated board** complies with the requirements in BfR Empfehlungen XXXVI, Paper and Board (2009).

|               |             |
|---------------|-------------|
| Cadmium (Cd)  | < 0.1 mg/kg |
| Mercury (Hg)  | < 0.1 mg/kg |
| Lead (Pb)     | < 1 mg/kg   |
| Arsenic (As)  | <0.1mg/kg   |
| Antimony (Sb) | <0.1mg/kg   |

### *PCP in paperboard*

The **paperboard** complies with the requirements for pentachlorophenol (PCP) in BfR Empfehlungen XXXVI, Paper and Board (2009). Analyses have been performed on representative board samples for pentachlorophenol (PCP) according to EN ISO15320. The amount of PCP is < 0.15 mg/kg.

### *Antimicrobial test*

The **paperboard** fulfils the requirements in BfR XXXVI. Determinations have been performed on representative board samples regarding the transfer of antimicrobial constituents according to EN 1104. There was no inhibition zone detected i.e there was no transfer of antimicrobial constituents. We do not add surface biocides on top of the board which can also be seen in the result.

### Dioxin in paperboard

The content of polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) expressed in World Health Organization (WHO) and NATO/CCMS toxic equivalents in paperboard are below 1 ng/kg board. The **paperboard** does not contain "dioxin-like" coplanar polychlorinated biphenyls (PCBs) above 0.1mg/dm<sup>2</sup> board.

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### **Substances / Paperboard**

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Intentionally added shall mean deliberately utilized in the formulation of a material or component where its continued presence is desired in the final product to provide a specific characteristics, appearance or quality. Please note that we do not analyze the board for the substances listed below.

#### GMO

We hereby confirm that Genetically Modified Organisms (GMO) in accordance with "Environmental site on GMO\*" are not intentionally added in the production of board. Our suppliers can however not exclude adventitious and technically unavoidable contamination\*\*. This information is based upon information given by our chemical suppliers.

\* [http://ec.europa.eu/environment/biotechnology/index\\_en.htm](http://ec.europa.eu/environment/biotechnology/index_en.htm) and <http://europa.eu/rapid/pressReleasesAction.do?reference=MEMO/04/85&format=HTML&aged=0&language=EN&guiLanguage=en>

\*\* *Regulation 1830/2003 on traceability and labeling of GMO*; "The adventitious or technically unavoidable presence of GM-crops in conventional crops may occur as a result of seed production, cultivation, harvest, transport and processing. As long as the level of such contamination remains below the current 0.9 % legislative limit, food ingredients can be considered as not being produced from GM raw materials."

#### Animal origin

We hereby confirm that no additive of animal origin is intentionally added in the production of board. This information is based upon information given by our chemical suppliers.

#### BSE

We hereby confirm that no substances causing Transmissible Spongiform Encephalopathies, TSEs including Bovine spongiform encephalopathy, BSE and Creutzfeldt Jakob Disease, JCD is intentionally added in the production of board. This information is based upon information given by our chemical suppliers.

#### Food allergens

We hereby confirm that, with reference to the US FDA Food Allergen Labelling and Consumer Protection Act (FALCPA) and the EU Directive 2003/89/EC, the following food allergens or products derived thereof are not intentionally added for the manufacture of board:

- Cereals containing gluten and products thereof
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof
- Peanuts and products thereof
- Soybeans and products thereof
- Milk and products thereof
- Nuts and products thereof
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Sulphur dioxide and sulphites at concentrations that may cause transfer from food packaging into food exceeding 10 mg/kg expressed as SO<sub>2</sub>.

Consequently the products may reasonably be expected not to contain allergenic proteins. This information is based upon information given by our chemical suppliers.



### Phthalates

We hereby confirm that no phthalates are intentionally added in the production of coated board. This information is based upon information given by our chemical suppliers.

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## **Additional legislation and regulations, not food related**

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### Packaging and Packaging Waste Directive

The **coated board** complies with the Packaging and Packaging Waste directive 94/62/EC amended by 2004/12/EC.

- The sum of lead, cadmium, mercury and hexavalent chromium in the board is less than 100 ppm (EN 13428).
- The level of substances hazardous\* to the environment in the board is less than 0.1 % (EN 13428).

The board is suitable for recovery by ;

- Material recycling (EN 13430)
- Energy recovery (EN 13431)

### REACH

The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of properties of chemical substances. The REACH regulation gives greater responsibility to industry to manage the risks from chemicals and to provide safety information on the substances. REACH requires an extensive information exchange in the supply chain in order to fulfill all obligations.

Our obligations in REACH are as a downstream user and as a manufacturer of substances and articles. To secure REACH compliance from our suppliers we have included REACH demands in our purchasing agreement. For the substances that we manufacture and where REACH demands registration we have done or we will do the registrations according to the timelines set in the REACH regulation.

Cellulose pulp is defined as a substance and exempted from registration according to appendix IV. Our paper and board grades are defined as articles without intended release according to REACH. Consequently this means that registration doesn't apply for our paper and board grades.

If any of our articles contains above 0.1% (w/w) of a Substance of Very High Concern that will be published on the [Candidate List](#) we will inform you as REACH requires. We continuously follow the development of the Candidate List and the substances for authorization. To our knowledge today none of our articles contain any Substance of Very High Concern that is on the Candidate List in a concentration above 0.1% (w/w).

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## **Certified management systems at the production site/sites**

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Different Certifications are as follows:

### *Board production*

ISO 9001

ISO 14001

OHSAS 18001

FSC® CoC

BRC/IOP

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## **Storage and handling requirements**

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In order to secure/ensure product safety the product must be well wrapped and stored indoor, sheltered from rain and snow. The recommended storage conditions are at 50-55 % relative humidity and 20-23° C. We recommend consumption within 12 months from manufacturing date and after this time rights of claims normally disappear.

## Disclaimer

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It is the responsibility of the manufacturer of the finished packages to ensure that products fabricated from material manufactured by us meet all relevant regulatory and legislative requirements, specifications and limitations in the intended application. This certificate and its contents are subject to the following additional limitations and disclaimers:

- Based on reasonable investigations, the information set out herein is accurate to our current knowledge only. We take no responsibility for information that has been provided to us by our suppliers and on which we have relied when producing the information contained herein.
- This certificate is only valid as of its date of publication and, for the avoidance of doubt, we assume no liability for subsequent changes in information, contents, processes, regulatory requirements or otherwise.
- This certificate is only valid to the extent it has been signed and delivered by an authorized employee of the ITC Ltd -PSPD group.
- Nothing in this certificate shall be interpreted as a warranty (direct or implied) with respect to (a) anything beyond what is expressly set out herein, (b) the merchantability or fitness for a particular purpose, (c) the use, or the suitability for use, in connection with other products or materials, or (e) the safety or legality in any use, processing and handling of our products.
- This certificate forms an integral part of the delivery contract between us and the addressee and any limitations of liability set out in such delivery contract shall apply to this certificate.
- No one other than the addressee may rely on this certificate and we assume no liability whatsoever to any third party

14 March 2012

(Date of issue)

Chief Manager (Product Development)

(Position)

  
.....  
(Signature)

CAS Chidambara Vinayagam

(Clarification of signature)

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