



[098016]

CERTIFICATE

Control Union Certifications certifies that having conducted an audit

For the scope of activities: The extrusion and manufacturing of polystyrene fruit trays

{High Hygiene or Basic Hygiene} : High Hygiene

Fields of audit: 05 - Flexible plastics.

Including voluntary modules of: None.

Exclusions from scope : None.

At Harvest Trays (Pty) Ltd

BRC site code: 2068355

Boerneef Street,

Skoonvlei Industria, Ceres

South Africa

Has achieved Grade : AA

**Meets the requirements set out in the
BRC GLOBAL STANDARD for PACKAGING AND PACKAGING MATERIALS
ISSUE 5:JULY 2015**

Audit programme: [announced].

Date(s) of audit (include two date ranges for unannounced option 2, if an extension to scope include original audit date and visit date): 20/21-06-2016

Certificate issue date: 07-08-2016

Re-audit due date: from 24-05-2017 to 21-06-2017

Certificate expiry date: 02-08-2017

**Authorised by:
Asaf Ben Yaish**

Certifier



Control Union certifications B.V.
Meeuwenlaan 4-6 8011 BZ ZWOLLE, The Netherlands
licensee contract no.: 847102

If you would like to feedback comments on the BRC Global standard or the audit process directly to the BRC , please contact enquiries@brglobalstandards.com. or call the TELL BRC hotline +44 (0)20 7717 5959. This certificate with annexes remains property of Control Union certifications and can be revoked in case of violation as mentioned in the contract, or in case of changes or discrepancies in the afore-mentioned data. The licensee is obliged to inform Control Union certifications immediately if any changes occur The licensee is obliged to inform Control Union certifications immediately if any changes occur. 'Visit the BRC Directory www.brcdirectory.com to validate certificate authenticity'

To Whom It May Concern

7th April 2016
Johannesburg, South Africa

CONFIRMATION OF CUC AUDIT PROGRAMME – BRC IOP:

With this letter Control Union Certifications (CUC) would like to confirm that the company,

HARVEST TRAYS

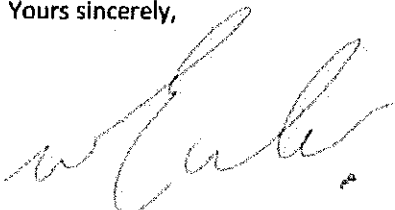
has formally joined CUC and is currently a client of CUC. We would like to confirm that **Harvest Trays** will be BRC IOP audited on the **25th May 2016** by one of CUC's trusted auditors, **Hildegard Niehaus**.

We hereby urge the reader to acknowledge the client's commitment and undertaken actions in order to comply with the BRC IOP Programme.

Your support towards the client and its products would be appreciated, while this short certification period is underway.

For any further questions the reader is welcome to contact our offices.

Yours sincerely,



Werner Euler
Director: Control Union South Africa (Pty) Ltd

WE DARE TO CARE

Friday, 04 March 2016

To whom it may concern.

Our company have been contracted to consult Harvest Trays with a Product Packaging Safety System, the BRC Global Standard for Packaging and Packaging Materials.

They have contracted us to consult them with a Global Standard for Packaging system in there Polyester Manufacturing Plant. We run a system that enables them to acquire BRC Global Standard for Packaging certification for the Polyester Manufacturing Plant.

We have followed the normal progress steps for a HACCP-based Global Standard Systems like BRC Global Standard for Packaging and Packaging Materials;

1. Setup the HACCP food safety team – (Codex Alimentarius Step 1)
2. Setup Prerequisite programmes
3. Describe the product – (Codex Alimentarius Step 2)
4. Identify intended use – (Codex Alimentarius Step 3)
5. Construct a process flow diagram – (Codex Alimentarius Step 4)
6. Verify flow diagram – (Codex Alimentarius Step 5)
7. List all potential hazards associated with each process step, conduct a hazard analysis and consider any measures to control identified hazards – (Codex Alimentarius Step 6), Principle 1
8. Determine the critical control points (CCPs) – (Codex Alimentarius Step 7), Principle 2
9. Establish critical limits for each CCP – (Codex Alimentarius Step 8), Principle 3
10. Establish a monitoring system for each CCP – (Codex Alimentarius Step 9), Principle 4
11. Establish a corrective action plan – Codex Alimentarius Step 10, Principle 5
12. Establish verification procedures – Codex Alimentarius Step 11, Principle 6
13. HACCP documentation and record keeping – Codex Alimentarius Step 12, Principle 7
14. Review the HACCP plan

a Proposed audit date will be forwarded as soon as we have a date for inspection.

The Harvest Group (Harvest Trays) have been accredited by the Packhouse Action Comitee for the particular Politrays that are being manufactured in the factory. The trays have been fined fit for production in the fruit industry export market.

All the raw material that are supplied for the production of the politrays are backed up by food safety certificates.

If there is any questions regarding, The Harvest Group (Harvest Trays), feel free to contact me, Cornel Lourens, directly, either on my mobile 083 255 2005 or on email at consult@microfarm.co.za

Regards

On behalf of Microfarm

Cornel Lourens



Product Information

- High gloss and transparency.
- Dimensional stability and high heat resistance.
- Recommended for foam process and in blends with high impact polystyrene.
- Approved for food contact ⁽¹⁾

Propriedade	ASTM					
	Norma	Unidade	Valor	Norma	Unidade	Valor
Melt Flow Rate ⁽²⁾	D-1238	g/10min	1,9	g/10min		1,9
Tensile Modulus	D-638	psi	425.000	Mpa		3.250
Tensile Modulus at break	D-638	psi	7.700	Mpa		52
Elongation at break	D-638	%	2	%		2
IZOD ⁽³⁾ Impact Strength @ 23 °C	D-256/A	lbf·ft/in	0,35	J/m		19
VICAT Softening Temperature ⁽⁴⁾ (B/50)	D-1525	°C	105	°C		105
Heat Deflection Temperature (load) ⁽⁵⁾ (A) @ 264psi / 1,82 MPa	D-648	°C	91	°C		91
Density	D-792	g/cm ³	1,04	g/cm ³		1,04
Water Absorption	D-570	%	0,03	%		0,03

Classified according to UL - 94HB

1 - Resolution 51 and 52 of the National Health Surveillance Agency (105/99 - Brazil/Mercosur) and FDA USA 21 CFR 177.1640

2 - Test under condition: 200°C / 5 kg

3 - Test specimen molded by injection of 63/12,6/3,5 mm (C/A/E); Notch cutting radius 0,25R +/- 0,05; Depth 2,54 mm.

4 - Test performed with weight of 5kg and heating 50°C /h.

5 - Test specimen molded by injection of 120/13/6,3 mm (C/L/E); Test Load of 264 psi

OBSERVATIONS

1- The descriptions, data and information contained in this specifications sheet are merely informational and are offered in good faith, as they are meant for the most technically suitable application of the product. The data provided are typical figures for the guidance of our customers, and they should not be construed as specification limits, as many factors may influence the parameters of the properties. Accordingly, we assume no liability for complying to them either correctly or incorrectly. Furthermore, we refrain from ensuring their ineffability, or that their application would infringe any industrial privilege. For further information or additional clarification, our technical department is entirely at your disposal.

2- This product complies with Resolution 105/99 of the National Health Surveillance Agency - ANVISA (Brazil/Mercosur).

To: Harvest Trays

Att: Andre Alberts

21 June 2016
Johannesburg, South Africa

CONFIRMATION OF CUC CERTIFICATION PROGRAMME BRC PM (PACKAGING MATERIAL) ISSUE 5:

With this letter Control Union Certifications (CUC) would like to confirm that the company,

HARVEST TRAYS (CLIENT No. 847152)

has formally joined CUC and is currently a client of CUC. We have conducted the BRC PM (Packaging Materials) audit on the 20 – 21st June 2016 by our auditor, Hildegard Niehaus.


No non-conformances were raised by the auditor during the audit. The final certification decision is with our BRC Packaging Material certifier. CUC is in the process to see that the client is issued with a BRC Packaging Material (BRC PM) certificate as soon as possible.

We hereby urge the reader to acknowledge the client's commitment and undertaken actions in order to comply to the BRC PM Programme and to be fully certified asap.

Your support towards the client and its products would be appreciated, while this short certification period is underway.

For any further questions the reader is welcome to contact our offices.

Yours sincerely,



Werner Euler

Director: Control Union South Africa (Pty) Ltd

WE DARE TO CARE