

## COTECNA INSPECTION INDIA PVT LTD.

The Summit – Business Bay  
Office No. 213, 214 & 215, Behind Guru Nanak Petrol Pump, Opposite Cinemax,  
Off Andheri – Kurla Road, Prakashwadi, Andheri (East), Mumbai – 400069.

Tel: +91-22-4218 8000  
Fax: +91-22-4218 0001 / 02  
Email: [cotecna.mumbai@cotecna.co.in](mailto:cotecna.mumbai@cotecna.co.in)  
[www.cotecna.com](http://www.cotecna.com)

Page 1 of 2

### TEST CERTIFICATE OF FIBC

Report No. : CII/IDR/R/08497 COTECNA REF. NO. IND/IDR/18/01126/01P

Issued Date : 23/04/2018

Samples of FIBC Bags submitted by our principal M/s. VISHISH BULKPACK SOLUTION, VADODARA, GUJARAT, India for the testing as detailed here under.

Bag Reference No. : COT/IND/FIBC/048/18 SWL: 1500 Kgs Safety Factor: 5:1  
: COT/IND/FIBC/049/18 SWL: 1500 Kgs Safety Factor: 5:1

Manufacturer : VISHISH BULKPACK SOLUTION.

Testing required for : **Flexible Intermediate Bulk Container (FIBC) submitted** by Manufacturer, for the transport of Non- Dangerous Goods -- SWL = 1500 Kgs Safety Factor = 5:1 Single Trip, Family Report, As per EN ISO 21898

Sample submitted By : VISHISH BULKPACK SOLUTION.  
67, SIDDHI INDUSTRIAL INFRASTRUCTURE PARK, WAGHODIA - 391760 DISTT  
VADODARA GUJARAT, INDIA

Sample submitted on : 10/04/2018

#### Submitted samples was tested by our approved subcontractor and reported as under,

Date of Testing : 17/04/2018

FIBC Construction :

Test # 048 : **Base** (90 x 90 Cms) x **Height** 90 Cms. (OD)  
Flexible intermediate bulk container (FIBC) produced from 210 + RF GSM.  
PP/white/210+RF GSM / Uncoated/Tubular/Top Spout 50x60/ Bottom Spout 40x50  
: Cms.  
**Loop.** Lifting by 4x25 Cms. Cross Corner Loops and width 70 mm, Both Legs: **40**  
Cms, webbing weight 60 Grm/Mtr.

Test # 049 : **Base** (90 x 90 Cms) x **Height** 180 Cms. (OD)  
Flexible intermediate bulk container (FIBC) produced from 210 + RF GSM.  
PP/white/210+RF GSM / Uncoated/Tubular/Top Spout 50x60/ Bottom Spout 40x50  
: Cms.  
**Loop.** Lifting by 4x25 Cms. Cross Corner Loops and width 70 mm, Both Legs: **40**  
Cms, webbing weight 60 Grm/Mtr.

Test Standard : Testing according to the EN ISO 21898 Single Trip FIBC.

Sample Selection : Testing was carried out on four samples submitted by the applicant.

Continue on next Page.....

Member of COTECNA Group

23 April 2018



## COTECNA INSPECTION INDIA PVT LTD.

The Summit – Business Bay  
Office No. 213, 214 & 215, Behind Guru Nanak Petrol Pump, Opposite Cinemax,  
Off Andheri – Kurla Road, Prakashwadi, Andheri (East), Mumbai – 400069.

Tel: +91-22-4218 8000  
Fax: +91-22-4218 0001 / 02  
Email: [cotecna.mumbai@cotecna.co.in](mailto:cotecna.mumbai@cotecna.co.in)  
[www.cotecna.com](http://www.cotecna.com)

Page 2 of 2

**Report No. : CII/IDR/R/08497 COTECNA REF. NO. IND/IDR/18/01126/01P**  
**Issued Date : 23/04/2018**

### Details of Testing

Test Conditions: : According to EN ISO 21898, Used recycled P.P. Granules.

Test # 048 : **1. Annex B (Cyclic Top Lift Test)**  
Sample was subjected to cyclic test as per Para B.3  
30 Cycles at 2:1(3000 Kg) - OK  
31<sup>st</sup> Cycle to destruction: When applied a load of 7571 Kgs the bag failed due to breakage of bottom spout stitching.

**Result:** Bag passed for 1500 kilo 5:1 Safety Factor.

**2. Annex C (Compression Test)**

Sample was subjected to Compressions SWL x 4 = 6000 Kg for Six Hours - No Loss of Material seen.

**Result:** Bag Passed.

Test # 049 : **1. Annex B (Cyclic Top Lift Test)**  
Sample was subjected to cyclic test as per Para B.3  
30 Cycles at 2:1(3000 Kg) - OK  
31<sup>st</sup> Cycle to destruction: When applied a load of 7648 Kgs the bag failed from the place of loop attachment end.

**Result:** Bag passed for 1500 kilo 5:1 Safety Factor

**2. Annex C (Compression Test)**

Sample was subjected to Compressions SWL x 4 = 6000 Kg for Six Hours - No Loss of Material seen.

**Result:** Bag Passed.

Comments : This report refers to two tests on each sample No. 048 & 049 as mentioned above considered together to show compliance requirements of EN ISO 21898 standard. These two samples refer to a family of the bags between a height range of 90 Cms to 180 Cms.

Validity **This report shall be valid from the date of testing 17/04/2018 & expiry date shall be 16/04/2021 only.**

Samples not drawn by Cotecna. Testing was performed by our approved subcontractor on the sample(s) submitted to us by our Principal hence Cotecna's liability is limited upto the extent of accurate reporting of test results delivered by our subcontractor. Results reported in this report cannot be reproduced in parts or full without permission of Cotecna. Cotecna shall not be responsible for any variation in test results performed on any other sample.

Enclosures  
behalf of

Annexure –A - Test diagram

Annexure –B - Direction for use and conditions

Issued on 23/04/2018 and signed at Indore on

**For, COTECNA INSPECTION INDIA PVT. LTD.**

The authenticity of this document may be verified at <http://www.cotecna.com/en/Tools/E-Dox/>

*This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instructions received. This inspection does not release seller(s) and/or supplier(s) and/or shipper(s) and/or other parties involved from their respective contractual obligations and does not prejudice the buyer(s)/receiver(s)' right to claim, under applicable law and contract, compensation from seller(s)/supplier(s)/shipper(s) regarding any defects not detected during our inspection or occurring thereafter. This inspection is also subject to COTECNA Terms and Conditions of Business 2017. (<http://www.cotecna.com/en/About-Cotecna/Terms-Conditions>). Headings and titles in this Report/report are for reference only and the findings contained herein prevail as stated.*

Continue on next Page.....

**Member of COTECNA Group**

23 April 2018



## COTECNA INSPECTION INDIA PVT LTD.

The Summit – Business Bay  
Office No. 213, 214 & 215, Behind Guru Nanak Petrol Pump, Opposite Cinemax,  
Off Andheri – Kurla Road, Prakashwadi, Andheri (East), Mumbai – 400069.

Tel: +91-22-4218 8000  
Fax: +91-22-4218 0001 / 02  
Email: [cotecna.mumbai@cotecna.co.in](mailto:cotecna.mumbai@cotecna.co.in)  
[www.cotecna.com](http://www.cotecna.com)

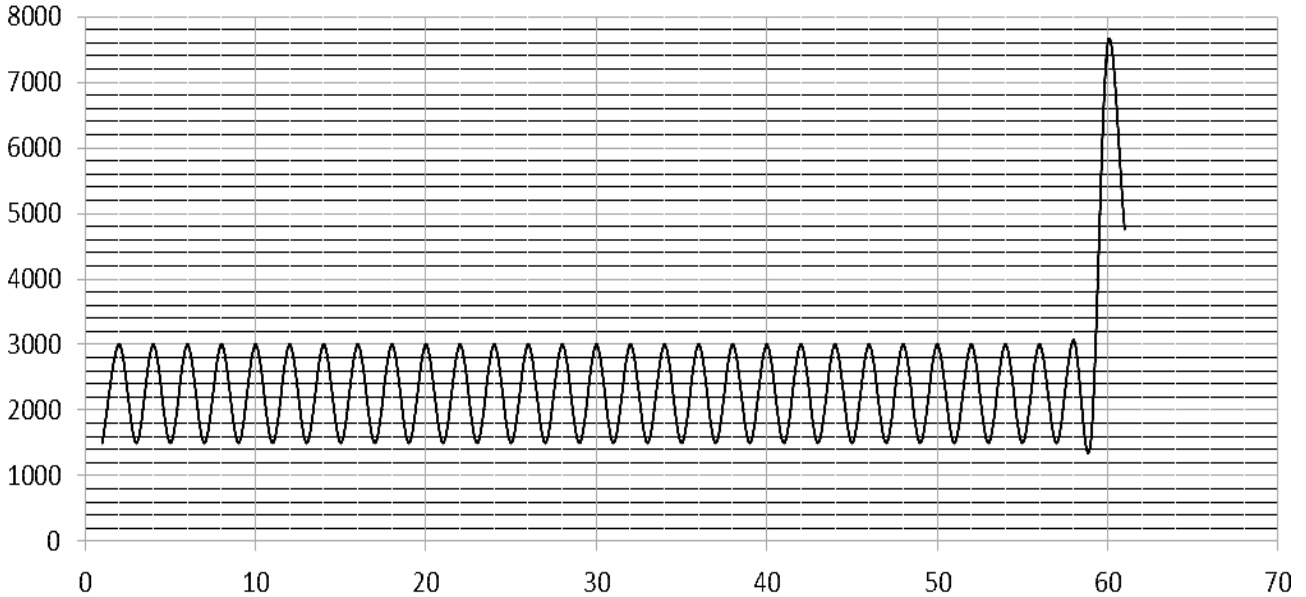
### ANNEXURE – A

#### Test Diagram

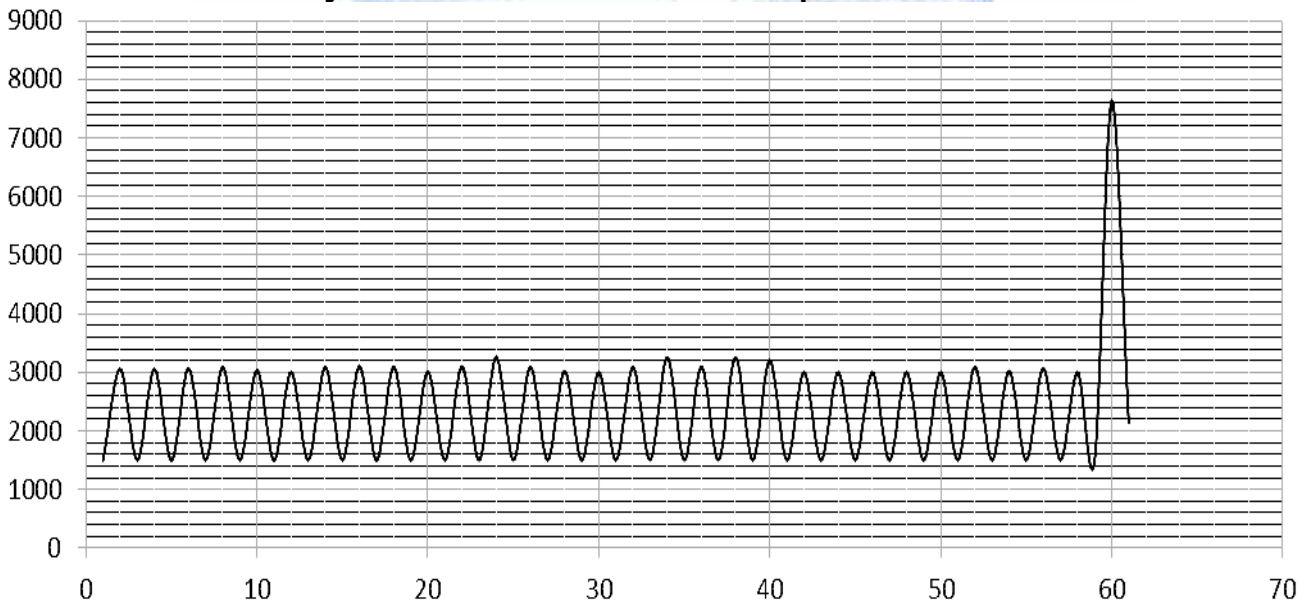
Report No. : CII/IDR/R/08497

COTECNA REF. NO. IND/IDR/18/01126/01P

Issued Date : 23/04/2018



**Cyclic and Load To Failure – Graph Test # 048**



**Cyclic and Load To Failure – Graph Test # 049**  
**Member of COTECNA Group**

INDEL002860

23 April 2018

## COTECNA INSPECTION INDIA PVT LTD.

The Summit – Business Bay  
Office No. 213, 214 & 215, Behind Guru Nanak Petrol Pump, Opposite Cinemax,  
Off Andheri – Kurla Road, Prakashwadi, Andheri (East), Mumbai – 400069.

Tel: +91-22-4218 8000  
Fax: +91-22-4218 0001 / 02  
Email: [cotecna.mumbai@cotecna.co.in](mailto:cotecna.mumbai@cotecna.co.in)  
[www.cotecna.com](http://www.cotecna.com)

### Annexure –B

Report No. : CII/IDR/R/08497

COTECNA REF. NO. IND/IDR/18/01126/01P

Issued Date : 23/04/2018

#### Directions for use of this Report

This report covers FIBCs of similar design, manufactured using similar material and methods of construction as mentioned in this Report and dimensions as listed below and in the Report. The use of other methods or components may render the report invalid.

Permitted	Not Permitted
Base with discharge spout dia 40x50 Cms	Discharge spout dia more than 40x50 Cms.
Base dimensions of between 90 cm x 90 cm and 99 cm x 99 cm.	Base dimensions smaller than 90 cm x 90 cm. Base dimensions larger than 99 cm x 99 cm.
Bag heights of between 90 Cms and 180 Cms.	Bag heights lower than 90 Cms. Bag heights larger than 180 Cms.
Use for one filling and one discharge only.	Re-use of the FIBCs.
Open top or any other design of top construction.	Use after expiry date of this Report: <b>16.04.2021</b>
Use for tested SWL.	Higher filling than SWL.

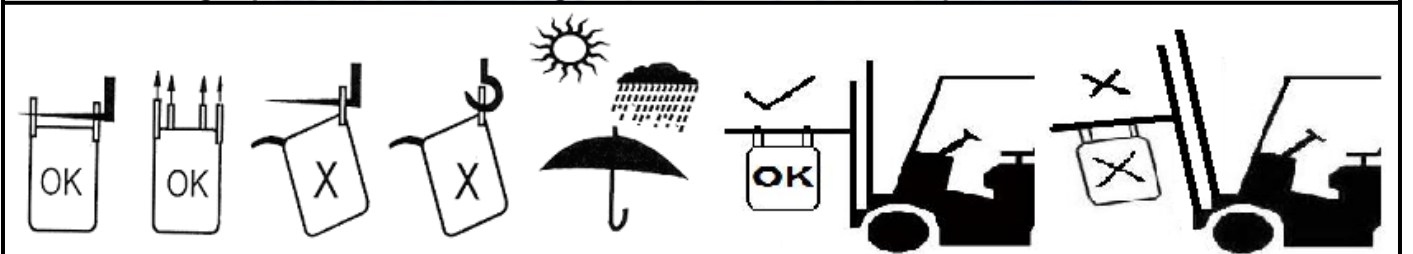
#### Label

All FIBCs produced should have a label attached to these with permanent marks. The label should be easily visible and legible. The layout can be changed.

Manufacturer's Name & Address and Logo	
Manufacturer's reference (unique to the hereby certified FIBC)	
<b>SWL 1500 Kgs : Safety Factor 5:1</b>	
<b>Logos of memberships etc.</b>	Test Report No. : <b>CII/IDR/R/08497</b>
	Test Report Date : <b>23/04/2018</b>
	Approved By : <b>COTECNA Inspection India Pvt. Ltd.</b>
	Test Standard : <b>EN ISO 21898</b>
	FIBC Class : <b>Single Trip</b>
Date FIBC manufactured:	

#### Handling Recommendations:

Read the label carefully before use. Don't exceed SWL. Please inspect Multi trip FIBC before re-use. Please check Discharge spout closed before filling. Avoid Snatch Lift & Jerk Stops.



Supplier's Name Address (if required)

Member of COTECNA Group

23 April 2018

