

## TEST CERTIFICATE OF FIBC

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**Report No.** : CII/IDR/R/08482 **COTECNA REF. NO.** IND/IDR/18/00368/01P  
**Issued Date** : 05/03/2018  
**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/020/18 **SWL: 2000 Kgs** **Safety Factor: 5:1**  
**Manufacturer** : VISHISH BULKPACK SOLUTION.  
**Testing required for** : **Flexible Intermediate Bulk Container (FIBC)** submitted by applicant, for the transport of Non- Dangerous Goods -- SWL = 2000 Kgs Safety Factor = 5:1 Single Trip , Single Test 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** : 05/02/2018

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

**Date of Testing** : 26/02/2018  
**FIBC Construction** : **Base** (90 Cms x 90 Cms) x **Height** 130 Cms.  
Flexible intermediate bulk container (FIBC) produced from 210+RF GSM.  
PP/White/210+RF GSM/Uncoated/Tubular/Periphery Belt on top /Top Spout 40x50 Cms/  
Bottom Pyjama Spout Dia 45x50 Cms.  
**Lifting** by 4x25 Cms, Cross Corner Loops, width 70 mm, Both Leg 45 Cms Stitched,  
Webbing weight 55 Grm/Mtr. "Bag fully covered with webbing from top till bottom along with base"  
**Test Standard** : Testing according to the EN ISO 21898/2005 (E) FIBC.  
**Sample Selection** : Testing was carried out on three samples submitted by the applicant.  
**Details of Testing** : **1. Annex B (Cyclic Top Lift Test)**  
Sample was subjected to cyclic test as per Para B.3.  
30 Cycles at 2:1(4000 Kg) - OK  
31<sup>st</sup> Cycle to destruction: When applied a load of 10164 kgs the bag failed from the place of bottom spout stitching leakage.  
**Result:** Bag passes for 2000 kilo 5:1 Safety Factor.  
**2. Annex C (Compression Test)**  
Sample was subjected to compressions SWL x 4= 8000 Kg for six Hours- No loss of material seen.  
**Result:** Bag Passed.  
**Comments** : This report refers to the tests as mentioned above and shows compliance of Requirements of EN ISO 21898.  
**Validity** : **This report shall be valid from the date of testing 26/02/2018 & expiry date shall be 25/02/2021 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 up to 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  
Annexure –A -Test diagram  
Annexure –B - Direction for use and conditions

Issued on 05/03/2018 and signed at Indore on behalf of  
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.*

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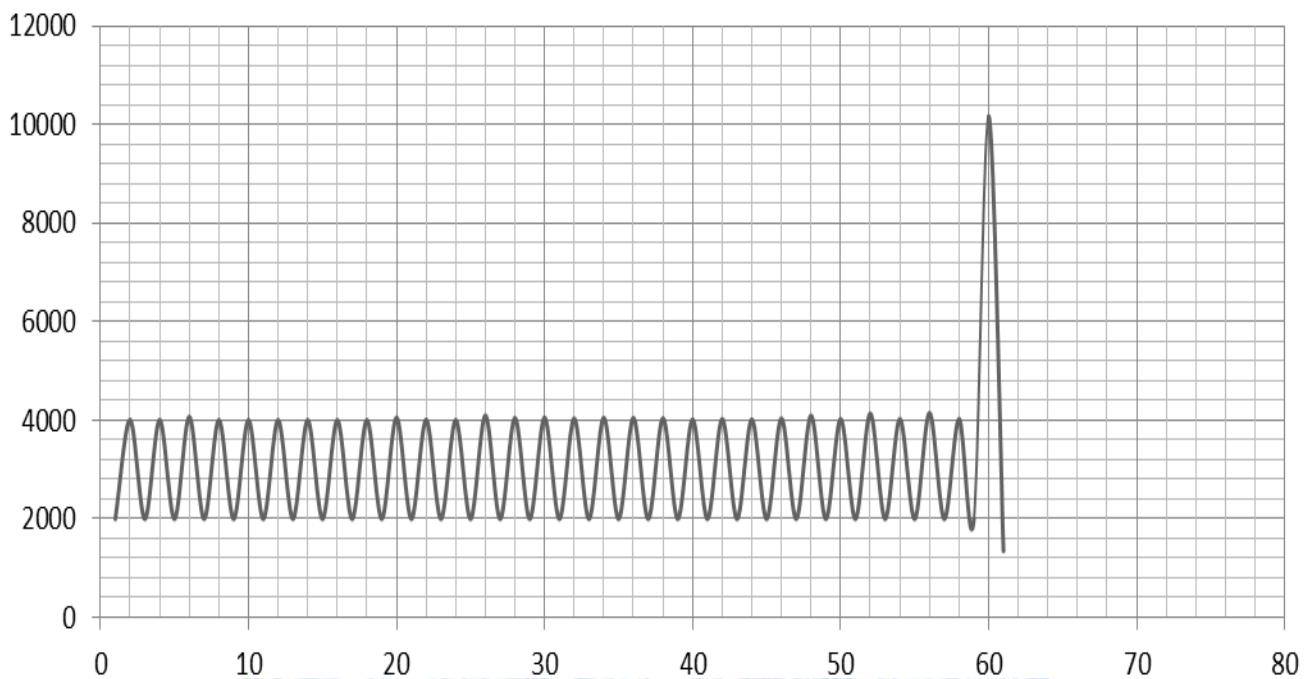
## ANNEXURE – A

### Test Diagram

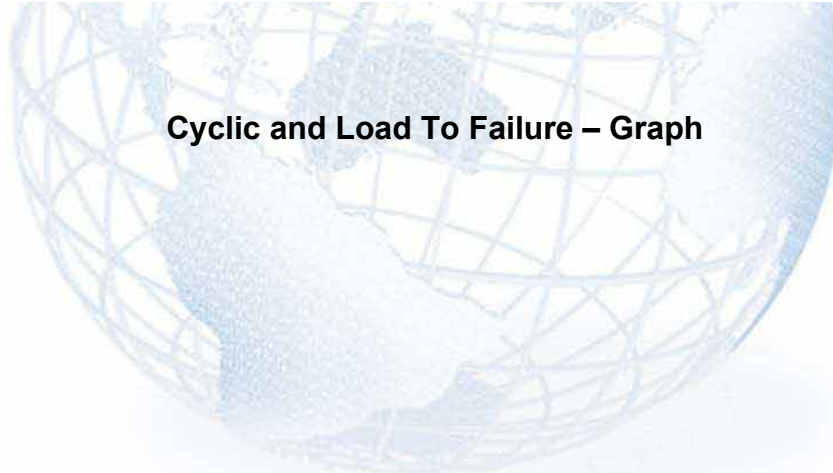
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**Cyclic and Load To Failure – Graph**



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**Annexure – B**

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**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 bottom Pyjama spout dia 45 Cms.	Discharge spout more than dia 45 Cms and any style other than pyjama.
Base dimensions of between 90 Cms x 90 Cms and 99 Cms x 99 Cms.	Base dimensions smaller than 90 Cms x 90 Cms Base dimensions larger than 99 Cms x 99 Cms
Bag heights 130 Cms and above subject to approval of other size designs.	Bag heights lower than 130 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>25/02/2021</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 2000 kg : Safety Factor 5:1</b>	
<b>Logos of memberships etc.</b>	Test Report No. : <b>CII/IDR/R/08482</b>
	Test Report Date : <b>05/03/2018</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:
<b>Handling Recommendations:</b>	
<b>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 &amp; Jerk Stops.</b>	
<b>Supplier's Name Address (if required)</b>	

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