

**COTECNA INSPECTION INDIA PVT LTD.**

The Summit – Business Bay  
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**TEST CERTIFICATE OF FIBC**

Report No. : CII/IDR/R/XXXXX COTECNA REF. NO. XXXXXXX-1  
Issued Date : XXXX/2023  
Samples of FIBC Bags submitted by our principal XXXXXXXXXX XXXX, India for the testing as detailed here under.  
Bag Reference No. : COT/IND/FIBC/XXX/23 SWL: XXXX Kgs Safety Factor: 5:1  
: COT/IND/FIBC/XXX/23 SWL: XXXX Kgs Safety Factor: 5:1  
Manufacturer : XXXXXXXX  
Testing required for : **Flexible Intermediate Bulk Container (FIBC) submitted** by Manufacturer, for the transport of Non- Dangerous Goods -- SWL = XXXX Kgs Safety Factor = 5:1 Single Trip, Family Certificate, As per EN ISO 21898  
Sample submitted : XXXXXXXXXX.  
By : Add: XXXXXXXX, Gujarat  
Sample submitted on : XXXX/2023

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

Date of Testing : XXXX/2023

FIBC Construction :

Note : **As per manufacturer declaration Fabric of this sample has been produced using 30% of Recycled Polypropylene Granules.**

Test # XXX : **Base** (XX x XX Cms) x **Height** XX Cms (ID)  
Flexible intermediate bulk container (FIBC) produced from 120 GSM.  
PP/white/120 GSM/Uncoated/U+2/Top Open / Bottom Spout Dia 35 Cms and Height 50 Cms.

**Lifting** by 4x30 Cms Standard Corner Loops, width 40 mm.

Long arm on the body 85 Cms, Short arm on the body 50 Cms, Webbing weight 30 Grm/Mtr., Webbing sewn on vertical seam by Hiracle + Safety Stitching.

Test # XXX : **Base** (XX x XX Cms) x **Height** XXX Cms (ID)  
Flexible intermediate bulk container (FIBC) produced from 120 GSM.  
PP/white/120 GSM/Uncoated/U+2/Top Open / Bottom Spout Dia 35 Cms and Height 50 Cms.

**Lifting** by 4x30 Cms Standard Corner Loops, width 40 mm.

Long arm on the body 130 Cms, Short arm on the body 50 Cms, Webbing weight 30 Grm/Mtr., Webbing sewn on vertical seam by Hiracle + Safety Stitching.

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.

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**Report No.** : CII/IDR/R/XXXXX **COTECNA REF. NO.** XXXXXXX-1  
**Issued Date** : XXXX/2023

**Details of Testing**

Test Conditions: : According to EN ISO 21898, Used recycled P.P. Granules.  
Test # XXX : **1. Annex B (Cyclic Top Lift Test)**  
Sample was subjected to cyclic test as per Para B.3  
30 Cycles at 2:1(2000 Kg) - OK  
31<sup>st</sup> Cycle to destruction: When applied a load of XXXX Kgs the bag failed from bottom spout round.

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

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

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

**Result:** Bag Passed.

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

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

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

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

**Result:** Bag Passed

Comments : This certificate refers to two tests on each sample No. XXX & XXX 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 XX Cms to XXX Cms.

Validity **This report shall be valid from the date of testing XXXX/2023 & expiry date shall be XXXX/2026 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**

Annexure –A - Test diagram

Annexure –B - Direction for use and conditions

Issued on **XXXX/2023** and signed at Indore on behalf of  
**COTECNA INSPECTION INDIA PVT. LTD.**

The authenticity of this document may be verified at <https://e-dox.cotecna.com/validator>

*This certificate is only valid if presented in original and printed on security paper or issued on Cotecna's Edox system and received in its digital format. Copies of this certificate are not valid unless accompanying its original.*

*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 2022."(<http://www.cotecna.com/en/About-Cotecna/Terms-Conditions>). Headings and titles in this certificate/report are for reference only and the findings contained herein prevail as stated.*

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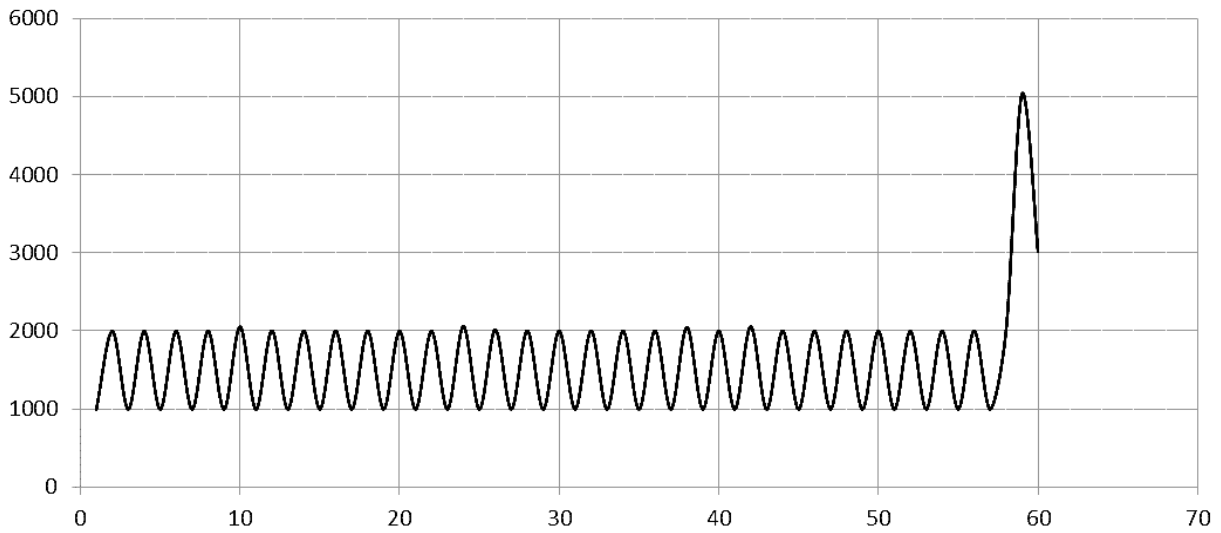
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**ANNEXURE – A**

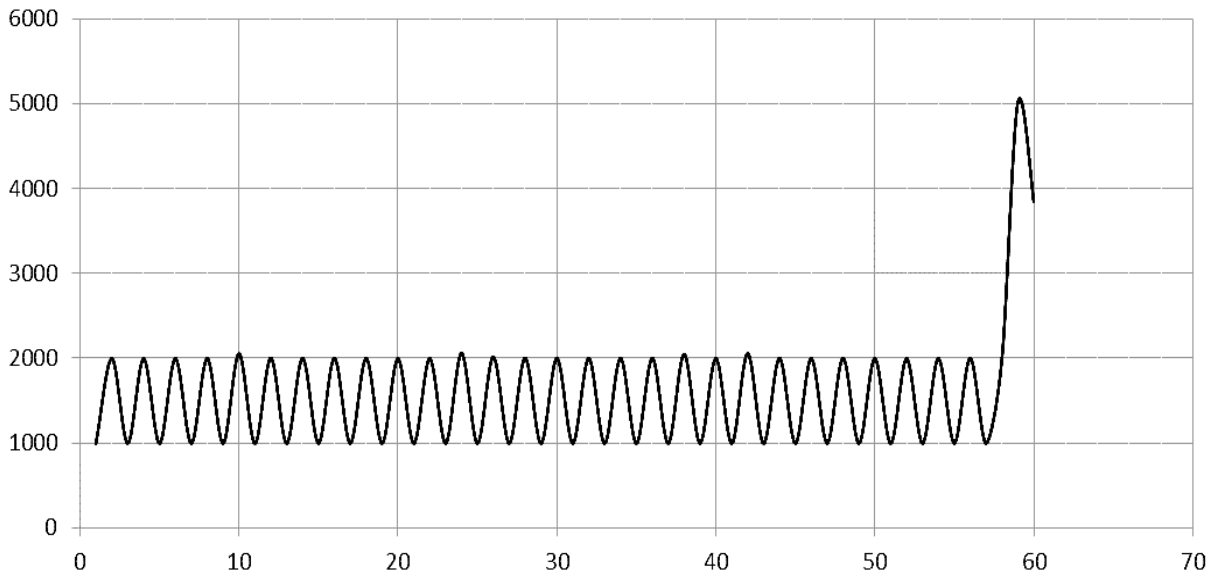
**Test Diagram**

**Report No. : CII/IDR/R/XXXXX**  
**Issued Date : XXXX/2023**

**COTECNA REF. NO. XXXXXX-1**



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



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

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**Annexure –B**

**Report No.** : CII/IDR/R/XXXXX  
**Issued Date** : XXXX/2023

**COTECNA REF. NO. XXXXXXX-1****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 XX Cms and Height XXCms	Discharge spout more than dia XX and height less than XX Cms
Base dimensions of between XX Cms x XX Cms and XXX Cms x XXX Cms.	Base dimensions smaller than XX cm x XX cm. Base dimensions larger than XXX cm x XXX cm.
Bag heights of between XX Cms and XXX Cms.	Bag heights lower than XX Cms. Bag heights larger than XXX 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>XXXX.2026</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)

**SWL XXXX Kgs****Safety Factor 5:1****Logos of memberships etc.**

Test Report No.	: CII/IDR/R/XXXXX
Test Report Date	: XXXX/2023
Approved By	: COTECNA Inspection India Pvt. Ltd.
Test Standard	: EN ISO 21898
FIBC Class	: Single Trip
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**