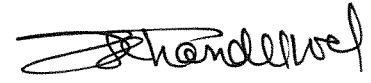


IFS/GFSU/BRCTR/BER/46/ 70 /2020
Date: 10/02/2020

BALLISTIC EVALUATION REPORT

IFS File No.	IFS/20/BER/46
Date of Report	10/02/2020
User Request Letter No.	-
Acceptance of tender No./ Tender Enquiry No.	-
Date of Trails	04/02/2020
Armor Type	Ballistic Rubber Block (BRB)
Submitted By	Sunflex Recycling Pvt.Ltd
User/Indenter	-


(S.G Khandelwal)
Head

Note:-

1. The Test results of Ballistic evaluation of **One (01) (BRB)** of **Sunflex Recycling Pvt.Ltd** are as per the sheet attached here with.
2. The test articles were brought to IFS, Gandhinagar by the User/Supplier Representative as per their own specification / fabrication process.
3. IFS, Gandhinagar is not responsible, directly or indirectly, for the quality of production lots being manufactured by the firm.
4. The report is Valid only for the particular item evaluated against specified ammunition & publication of these results in any abridges form is not allowed without the written approval from Director, IFS, Gandhinagar.
5. The tested and untested samples are returned back to the user representative after completion of the testing.
6. The test procedure is followed **As Per User**.

Encl: Compliance Test 01.

COMPLIANCE TEST-01

BASIC DETAILS

IFS Test Sample ID	IFS/20/BRB/46/Sunflex/01	Trail Date	04-02-2020
Armour Type	BRB (Ballistic Rubber Block)	Sample ID	01
Type of Firearm	Barrel No: SN 5327, 4312	Distance of Firing	10 Meter
Type of Ammunition	7.62 × 51 mm 7.62 × 39 mm (HSC) 7.62 × 51 mm (MSC)	Room Temperature	32° C
Reference Velocity	838 ± 15 m/s (SLR) 635 ± 15 m/s (HSC) 700 ± 15 m/s (MSC)	Humidity	75 %
Conditioning If any	-	Time IN: -	Time Out: -
BFS Acceptance Criteria	-	Testing Standard	As Per User

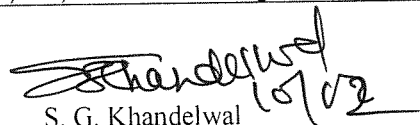
SAMPLE DESCRIPTION

Sample Type	Length (mm)	Length (mm)	Thickness (mm)	Weight (kg)
BRB	500	300	300	≥37

TEST DATA

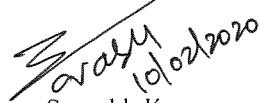
Shot No.	Fair /Unfair	Angle of Firing	Velocity (m/sec)	Perforation/No Perforation/Crack
1.HSC	Fair	90°	635.1	Perforation
2.HSC	Fair	90°	658.4	No Perforation
3.MSC	Fair	90°	726.6	Perforation
4.MSC	Fair	90°	735.0	Perforation
5.SLR	Fair	90°	841.7	Perforation
6.SLR	Fair	90°	838.7	No Perforation

Trail Officer, IFS, GFSU Gandhinagar.


S. G. Khandelwal

Head

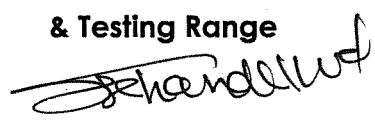
Ballistic Research Centre & Testing Range


Saurabh Kumar

Scientific Officer (Ballistics)

Ballistic Research Centre & Testing Range

Manufacturer's representative(s) witnessed the trails: -

ORIGINAL					
TAX INVOICE					
To, M/s. Sunflex Recycling Pvt Ltd Plot No.274/4, Behind Satyamev Complex, Opposite Gujarat High Court, Sola, S.G. Highway, Ahmedabad-380060			Invoice No.: IFS/279/1920 Date of Invoice: 10/02/2020 Department: Ballistics GSTIN: 24AAALG1981A1ZN PAN: AAALG1981A1ZN Wo No: - Place of Supply: - Gujarat		
PARTY GSTIN: -24AATCS0192F1Z8			Code: - 24		
Sr NO.	Date of Testing	Item Description	Rate of Anslsysis in Rs./Per Shot	Quantity	Total Analysis Fees(Rs)
1	04-02-20	Ballistic Rubber Block	16,500	1	16,500
Total Analysis Fees					16,500
SGST @ 9%					1485
CGST @ 9%					1485
IGST @ 18%					
Grand Total Including GST					19,470
Amount in Words (Rupees): Nineteen Thousand Four Hundred & Seventy Only.					
SAC: 998346-Technical Testing And Analysis Services					
<u>BANKING DETAILS:</u> BANK NAME: PUNJAB NATIONAL BANK BRANCH: JALSEWA BHAVAN, GANDHINAGAR IFSC CODE: PUNB0460100 A/C. NO. 4601002100000082			For Ballistic Research Centre & Testing Range  Head		
A Local Cheque/DD Should be issued in favour of " Registrar, Gujarat Forensic Sciences University "					
Copy to Accounts Officer, GFSU					