



(Formerly known as Geo Chem Laboratories Pvt Ltd.)

REPORT NO. CPSGGF02435992

DATED: 15 JAN 2025

TEST REPORT

ORIGINAL PHOTO OF THE SUBMITTED SAMPLE



TERMS AND CONDITIONS

Cotecna Inspection India Pvt. Ltd. Undertakes to provide services ("Work(s)") to its Customer Subject to the terms and conditions ("Terms") contained herein. The term of limitation of liability contained herein has been conspicuously marked to draw to the attention of the customer. The customer is advised to take separate legal advice and is fully aware of the meaning and the legal significance of this term. The Customer agrees that this term is integral part of this Agreement.

1. INTERPRETATION

1.1 In this Agreement the following words and phrases shall have the following meanings unless the context otherwise requires:

(a) **Agreement** means this agreement entered into between Cotecna Inspection India Pvt. Ltd. and the Client;

(b) **Charges** shall have the meaning given in Clause 6.1;

(c) **Confidential Information** means all information in whatever form or manner presented

which: (a) is disclosed pursuant to or in the course of the provision of Services pursuant to, this Agreement; and (b) (i) is disclosed in writing, electronically, visually, or all other wise howsoever and is marked, stamped or identified by any means as confidential by the disclosing party at the time of such disclosure; and/or (ii) is information, howsoever disclosed, which would reasonably be considered to be confidential by the receiving party.

(d) **Intellectual Property Right(s)** means copyrights, trademarks (registered or unregistered), patents, patent applications (including the right to apply for a patent), service marks, design rights (register end-run registered), trade secrets and other like rights howsoever existing.

(e) **Report(s)** shall have the meaning as set out in Clause 5.3 below;

(f) **Services** means these services out in any relevant Cotecna Inspection India Pvt. Ltd. Proposal, any relevant Client purchase order, or any relevant Cotecna Inspection India Pvt. Ltd. invoice, as applicable, and may comprise or include the provision by Cotecna Inspection India Pvt. Ltd. of a Report;

(g) **Proposal** means the proposal, estimate or fee quote, if applicable, provided to the Client by Cotecna Inspection India Pvt. Ltd. relating to the Services;

1.2 The headings in this Agreement do not affect its interpretation.

2. COPYRIGHT COMPLIANCE OR INTELLECTUAL PROPERTY RIGHTS AND DATA PROTECTION

2.1 All Intellectual Property Rights belonging to a party prior to entry into this Agreement shall remain vested in that party. Nothing in this Agreement is intended to transfer any Intellectual Property Rights from either party to the other.

2.2 Any use by the Client (or the Client's affiliated companies or subsidiaries) of the name "Cotecna Inspection India Pvt. Ltd." or any of Cotecna Inspection India Pvt. Ltd.'s trademarks or brand names for any reason must be prior approved in writing by Cotecna Inspection India Pvt. Ltd. Any other use of Cotecna Inspection India Pvt. Ltd.'s trademarks or brand names is strictly prohibited and Cotecna Inspection India Pvt. Ltd. reserves the right to terminate this Agreement immediately as a result of any such unauthorized use.

2.3 In the event of provision of certification services, Client agrees and acknowledges that the use of certification marks may be subject to national and international laws and regulations.

2.4 All Intellectual Property Rights in any Reports, document, graphs, charts, photographs or any other material (in whatever medium) produced by Cotecna Inspection India Pvt. Ltd. pursuant to this Agreement shall belong to Cotecna Inspection India Pvt. Ltd.

2.5 The Client shall have the right to use any such Reports, document, graphs, charts, photographs or other material for the purposes of this Agreement.

2.6 The Client agrees and acknowledges that Cotecna Inspection India Pvt. Ltd. retains any and all proprietary rights in concepts, ideas and inventions that may arise during the preparation or provision of any Report (including any deliverables provided by Cotecna Inspection India Pvt. Ltd. to the Client) and the provision of the Services to the Client.

2.7 Cotecna Inspection India Pvt. Ltd. shall observe all statutory provisions with regard to data protection including but not limited to the provisions of the Data Protection Act 1998. To the extent that Cotecna Inspection India Pvt. Ltd. processes or gets access to personal data in connection with the Services or otherwise in connection with this Agreement, it shall take all necessary technical and organizational measures to ensure the security of such data (and to guard against unauthorized or unlawful processing, accidental loss, destruction or damage to such data).

3. OBLIGATION OF CUSTOMERS

3.1 If the customer intends to make any change(s) to the Work(s) hereunder or assign any other work to Cotecna Inspection India Pvt. Ltd. QA prior to the completion of Work(s), such a change or new assignment shall only be effective in writing between both of the parties. If Cotecna Inspection India Pvt. Ltd. QA suffers from any loss or damage due to such a change or new assignment the Customer shall compensate the losses and damages.

3.2 If the Work(s) undertaken by Cotecna Inspection India Pvt. Ltd. QA hereunder requires any assistance from the Customer. The Customer shall be obliged to provide all necessary and reasonable cooperation and assistance which Cotecna Inspection India Pvt. Ltd. QA may deem

it. If the Work(s) undertaken by Cotecna Inspection India Pvt. Ltd. QA hereunder cannot be completed due to the Customer's failure or inadequacy in assistance or cooperation, Cotecna Inspection India Pvt. Ltd. QA reserves the right to require the Customer to perform its

obligation within a specified period of time limit for Cotecna Inspection India Pvt. Ltd. QA to complete its work(s) shall be extended simultaneously. If upon the expiration of specified time period the Customer still fails to perform its obligation to assist Cotecna Inspection India Pvt. Ltd. QA reserves the right to terminate this Agreement without prejudice to any other rights of Cotecna Inspection India Pvt. Ltd. QA hereunder or under any applicable laws and regulations.

4. PATENT RIGHTS

4.1 Any invention made in the performance of Work(s) for the Customer by Cotecna Inspection India Pvt. Ltd. QA within the field of Work(s) undertaken for the Customer shall belong to the Customer.

4.2 Cotecna Inspection India Pvt. Ltd. QA's use of the aforesaid inventions shall be free of any royalty fees or other changes provided that the uses of such inventions are confined to the performance of Work(s) for the Customer.

5. THE SERVICES

5.1 Cotecna Inspection India Pvt. Ltd. shall provide the Services to the Client in accordance with the terms of this Agreement which is expressly incorporated into any Proposal Cotecna Inspection India Pvt. Ltd. has made and submitted to the Client.

5.2 In the event of any inconsistency between the terms of this Agreement and the Proposal, the terms of the Proposal shall take precedence.

5.3 The Services provided by Cotecna Inspection India Pvt. Ltd. under this Agreement and any memoranda, laboratory data, calculations, measurements, estimates notes, certificates and other material prepared by Cotecna Inspection India Pvt. Ltd. in the course of providing the Services to the Client, together with status summaries or any other communication in any form describing the results of any work or services performed (Report(s)) shall be only for the Client's use and benefit.

5.4 The Client acknowledges and agrees that if in providing the Services Cotecna Inspection India Pvt. Ltd. is obliged to deliver a Report to a third party, Cotecna Inspection India Pvt. Ltd. shall be deemed irrevocably authorized to deliver such Report to the applicable third party. For the purposes of this clause an obligation shall arise on the instructions of the Client, or where, in the reasonable opinion of Cotecna Inspection India Pvt. Ltd., it is implicit from the circumstances, trade, custom, usage or practice.

5.5 The Client acknowledges and agrees that any Services provided and/or Reports produced by Cotecna Inspection India Pvt. Ltd. are done so within the limits of the scope of work agreed with the Client in relation to the Proposal and pursuant to the Client's specific instructions or, in the absence of such instructions, in accordance with any relevant trade custom, usage or practice. The Client further agrees and acknowledges that the Services are not necessarily designed or intended to address all matters of quality, safety, performance or condition of any product, material, services, systems or processes tested, inspected or certified and the scope of work does not necessarily reflect all standards which may apply to product, material, services, systems or process tested, inspected or certified. The Client understands that reliance on any Reports issued by Cotecna Inspection India Pvt. Ltd. is limited to the facts and representations set out in the Reports which represent Cotecna Inspection India Pvt. Ltd.'s review and/or analysis of facts, information, documents, samples and/or other materials in existence at the time of the performance of the Services only.

5.6 Client is responsible for acting as its self on the basis of such Report. Neither Cotecna Inspection India Pvt. Ltd. nor any of its officers, employees, agents or subcontractor shall be liable to Client nor any third party for any actions taken or not taken on the basis of such Report.

5.7 In agreeing to provide the Services pursuant to this Agreement, Cotecna Inspection India Pvt. Ltd. does not abridge, abrogate or undertake to discharge any duty or obligation of the Client to any other person or any duty or obligation of any person to the Client.

6. CHARGES, INVOICING AND PAYMENT

6.1 The Client shall pay Cotecna Inspection India Pvt. Ltd. the charges set out in the Proposal, if applicable, or as otherwise contemplated for provision of the Services (the Charges).

6.2 The Charges are expressed exclusive of any applicable taxes. The Client shall pay any applicable taxes on the Charges at the rate and in the manner prescribed by law, on the issue by Cotecna Inspection India Pvt. Ltd. of a valid invoice.

6.3 The Client agrees that it will reimburse Cotecna Inspection India Pvt. Ltd. for any expenses incurred by Cotecna Inspection India Pvt. Ltd. relating to the provision of the Services and is wholly responsible for any freight or customs clearance fees relating to any testing samples.

6.4 The Charges represent the total fees to be paid by the Client for the Services pursuant to this Agreement. Any additional work performed by Cotecna Inspection India Pvt. Ltd. will be charged on a time and material basis.

6.5 Cotecna Inspection India Pvt. Ltd. shall invoice the Client for the Charges and expenses, if any. The Client shall pay each invoice within thirty (30) days of receiving it.

6.6 If any invoice is not paid on the due date for payment, Cotecna Inspection India Pvt. Ltd. shall have the right to charge, and the Client shall pay, interest on the unpaid amount, calculated from the due date of the invoice to the date of receipt of the amount in full at a rate equivalent to 3% per cent per annum above the base rate.

7. DATA AND DOCUMENT RETENTION

7.1 After the Work(s) rendered, Cotecna Inspection India Pvt. Ltd. QA may retain a copy of all documents relating to the Work(s) ("the supporting documents") for as long as Cotecna Inspection India Pvt. Ltd. QA gets the sole discretion.

7.2 Unless otherwise specified or required by the applicable law, the Supporting Documents over three years of age will be automatically destroyed by Cotecna Inspection India Pvt. Ltd. QA without prior notice to the customer. Should any or a supporting documents less than three years are scheduled to be destroyed Cotecna Inspection India Pvt. Ltd. QA shall give the Customer thirty days written notice to the Customer's last known address of the intention to destroy the Supporting Documents. Unless the Customer makes a written request to Cotecna Inspection India Pvt. Ltd. QA which is received by Cotecna Inspection India Pvt. Ltd. QA before the expiration of the said thirty days seeking delivery of those documents to the Customer at the Customer's expenses, those documents shall be destroyed.

7.3 The Customer shall indemnify Cotecna Inspection India Pvt. Ltd. QA for any costs or expenses in responding to or opposing any claims or losses or for the production of any documents in Court seeking the disclosure of the said documents or any information contained therein.

8. INDEMNITY

8.1 The Client shall in dignity and hold harmless Cotecna Inspection India Pvt. Ltd., its officers, employees, agents, representatives, contractors and sub-contractors from and against any and all claims, results, liabilities (including costs of litigation and attorney's fees) arising, directly or indirectly, out of or in connection with:

(a) Any claims results by any government all authority or others for any actual or as serrated failure of the Client to comply with any law, ordinance, regulation, rule or order of any government all or judicial authority;

(b) Claims results for personal injuries, loss of or damage to property, economic loss, and loss of or damage to Intellectual Property rights incurred by or occurring to any person or entity and arising in connection with or related to the Services provided here under by Cotecna Inspection India Pvt. Ltd., its officers, employees, agents, representatives, contractors or sub-contractors;

(c) The breach or alleged breach by the Client of any of its obligations set out in Clause 4 above;

(d) Any claims made by any third party for loss, damage or expense of what so ever nature and howsoever arising relating to the performance, purported performance or non- performance of any Services to the extent that the aggregate of any such claims relating to any one Service exceeds the limit of liability set out in Clause 10 above;

(e) Any claims results arising as result of any misuse run authorized use of any Reports issued by Cotecna Inspection India Pvt. Ltd. or any Intellectual Property Rights belonging to Cotecna Inspection India Pvt. Ltd. (including trade marks) pursuant to this Agreement; and

(f) Any claims arising out of or relating to any third party's use of or reliance on any Reports or any reports, analyses, conclusions of the Client (or any third party to whom the Client has provided the Reports) based in whole or in part on the Reports, if applicable.

8.2 The obligations set out in this Clause 11 shall survive termination of this Agreement.

9. TERMINATION

9.1 This Agreement shall commence upon the first day on which the Services are commenced and shall continue, unless terminated earlier in accordance with this Clause 13, until the Services have been provided.

9.2 This Agreement may be terminated by:

(a) Either party if the other continues in material breach of any obligation imposed up on it here under for more than thirty (30) days after written notice has been dispatched by that Party by recorded delivery or courier requesting the other to remedy such breach;

(b) Cotecna Inspection India Pvt. Ltd. on written notice to the Client in the event that the Client fails to pay any invoice by its due date and/or fails to make payment after a further request for payment; or

(c) Either party on written notice to the other in the event that the other makes any voluntary arrangement with its creditors or becomes subject to an administration order or (being an individual or firm) becomes bankrupt or (being a company) goes into liquidation (otherwise than for the purposes of a solvent amalgamation or reconstruction) or an encumbrance takes possession, or a receiver is appointed, of any of the property or assets of the other or the other ceases, or threatens to cease, to carry on business.

9.3 In the event of termination of the Agreement for any reason and without prejudice to any other rights or remedies the parties may have, the Client shall pay Cotecna Inspection India Pvt. Ltd. for all Services performed up to the date of termination. This obligation shall survive termination or expiration of this Agreement.

9.4 Any termination or expiration of the Agreement shall not affect the accrued rights and obligations of the parties nor shall it affect any provision which is expressly or by implication intended to come into force or continue in force on or after such termination or expiration.

10. ASSIGNMENT AND SUB-CONTRACTING

10.1 Cotecna Inspection India Pvt. Ltd. C h e m reserves the right to delegate the performance of its obligations here under and the provision of the Services to one or more of its affiliates and/or sub-contractors when necessary. Cotecna Inspection India Pvt. Ltd. C h e m may also assign this

Agreement to any company within the Cotecna Inspection India Pvt. Ltd. on notice to the Client.

11. MISCELLANEOUS

Severability

11.1 If any provision of this Agreement is or becomes invalid, illegal or unenforceable, such provision shall be severed and the remainder of the provisions shall continue in full force and effect as if this Agreement had been executed without the invalid illegal or unenforceable provision. If the in validity, illegality or unenforceability is so fundamental that it prevents the accomplishment of the purpose of this Agreement, Cotecna Inspection India Pvt. Ltd. and the Client shall immediately commence good faith negotiations to agree an alternative arrangement.

No partnership or agency

11.2 Nothing in this Agreement and no action taken by the parties under this Agreement shall constitute a partnership, association, joint venture or other co-operative entity between the parties or constitute any party the partner, agent or legal representative of the other. **Waivers**

11.3 The failure of any party to insist upon strict performance of any provision of this Agreement, or to exercise any right or remedy to which it is entitled, shall not constitute a waiver and shall not cause a diminution of the obligations established by this Agreement. A waiver of any breach shall not constitute a waiver of any subsequent breach.

11.4 No waiver of any right or remedy under this Agreement shall be effective unless it is expressly stated to be a waiver and communicated to the other party in writing.

Whole Agreement

11.5 This Agreement and the Proposal contain the whole agreement between the parties relating to the transactions contemplated by this agreement and supersedes all previous agreements, arrangements and understandings between the parties relating to those transactions or that subject matter. No purchase order, statement or other similar document will add to or vary the terms of this Agreement.

11.6 Each party acknowledges that in entering into this Agreement it has not relied on any representation, warranty, collateral contract or other assurance (except those set out or refer red to in this Agreement) made by or on behalf of any other party before the acceptance or signature of this Agreement. Each party waives all rights and remedies that, but for this Clause, might otherwise be available to it in respect of any such representation, warranty, collateral contract or other assurance.

11.7 Nothing in this Agreement limits or excludes any liability for fraudulent misrepresentation.

Third Party Rights

11.8 A person who is not party to this Agreement has no right under the Contract (Rights of Third Parties) Act 1999 to enforce any of its terms.

Further Assurance

11.9 Each party shall, at the cost and request of any other party, execute and deliver such instruments and documents and take such other actions in each cases may be reasonably requested from time to time in order to give full effect to its obligations under this Agreement.

12. AMENDMENT

12.1 No amendment to this Agreement shall be effective unless it is in writing, expressly stated to amend this Agreement and signed by an authorized signatory of each party.

13. GOVERNING LAW

13.1 The Agreement and the rights and obligation of the parties shall in all respects be governed, construed, interpreted and operated with Indian Law.

These General Conditions shall be Governed and construed in accordance with the substantive laws of the place where the Company renders services and issues reports or certificates, exclusive of any rules with respect of conflicts of laws. All Disputes arising in connection with these General Conditions shall be finally settled by recourse to arbitration under the rules of conciliation and arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said rules. U

OVERALL STATUS	
PASS	X
FAIL	
DATA	

APPLICANT : **SG EXPORTS**

CONTACT PERSON : MR. MOHMMAD IMRAN

ADDRESS : D1, D-195, D-196, D-197, D-198, D-232 & D-233
EPIP, SITE-V, KASNA, GREATER NOIDA - 201306 (U.P)

SAMPLE NOT DRAWN BY COTECNA INSPECTION INDIA PVT LTD.

SAMPLE DESCRIPTION : THE SUBMITTED SAMPLE IS SAFETY FOOTWEAR

ARTICLE NO. : OKY

DESIGN : B: HIGH ANKLE

COLOR : BLACK/BLUE

SIZE RANGE : 35-49

CATEGORY : S3L HI CI SR FO LG, EN ISO 20345:2022

BRAND : ZECCHIN

MODEL : RAMBLER

LAST : 443

MOULD : VOO1

UPPER : FABRIC LAMINATED

VAMP LINING : NON WOVEN -270 GSM

QUARTER LINING : SPACER

SEAT REGION LINING : NON WOVEN 300 GSM-BLACK

TONGUE LINING : SPACER

TONGUE : FABRIC LAMINATED

COLLAR : FABRIC LAMINATED

COLLAR LINING : SPACER

INSOCK : PU SOCKS FABRIC LAMINATED

INSOLE : KEVLAR

OUTSOLE : PU DOUBLE DENSITY

TOECAP : COMPOSITE-4430

PLATE : KEVLAR

END USE : SAFETY FOOTWEAR

SAMPLE RECEIVED DATE : 17 SEP 2024

TESTING PERIOD : 17 SEP 2024 TO 11 JAN 2025

S. NO.	TEST CONDUCTED	PASS	FAIL	DATA	COMMENT
1.	DESIGN: HEIGHT OF UPPER	X			
2.	HEEL AREA	X			
3.	CONSTRUCTION	X			
4.	UPPER/ OUTSOLE BOND STRENGTH	X			
5.	GENERAL	X			
6.	IMPACT RESISTANCE	X			
7.	COMPRESSION RESISTANCE	X			
8.	ERGONOMIC FEATURES	X			
9.	SLIP RESISTANCE	X			
10.	UPPER - GENERAL			X	
11.	TEAR STRENGTH - UPPER	X			
12.	WATER VAPOUR PERMEABILITY AND COEFFICIENT - UPPER	X			
13.	ABRASION RESISTANCE - COLLAR	X			
14.	TEAR STRENGTH- TONGUE/ COLLAR	X			
15.	THICKNESS OUT SOLE	X			
16.	DESIGN: CLEATED AREA OUT SOLE	X			
17.	DESIGN: CLEAT HEIGHT	X			
18.	TEAR STRENGTH- OUTSOLE	X			
19.	ABRASION RESISTANCE- OUTSOLE	X			
20.	FLEXING RESISTANCE -OUTSOLE	X			
21.	HYDROLYSIS TEST-OUTSOLE	X			
22.	INTERLAYER BOND STRENGTH OF SOLE	X			
23.	ANTISTATIC FOOTWEAR	X			
24.	ENERGY ABSORPTION OF SEAT REGION	X			
25.	SLIP RESISTANCE (SR)	X			
26.	COLD INSULATION OF OUTSOLE COMPLEX	X			
27.	HEAT INSULATION OF OUTSOLE COMPLEX	X			
28.	WATER PENETRATION & ABSORPTION - UPPER	X			
29.	UPPER CONSTRUCTION	X			
30.	RESISTANCE TO FUEL OIL - OUTSOLE	X			
31.	AZO DYES	X			

Remark- 1. The result relates only to the sample tested.

2. The samples were conditioned and tested in environmental conditions Temperature 21°C (± 1) and relative humidity 65% (± 4).
3. Statement of conformity is based on simple acceptance criteria without taking measurement uncertainty into account unless otherwise requested in writing.
4. Test results are drawn according to the kind and extent of tests performed.
5. Without permission of the Laboratory, this report is not permitted to be duplicated in extracts.
6. This report does not entitle us to carry any safety mark on this or similar products.
7. This test report represents the test parameters as requested by the customer based on submitted sample only.

For and on behalf of
Cotecna Inspection India Pvt Ltd



Anirudh Sharma
AGM: Leather, Footwear (PPE)
Authorized Signatory



Dr. Shobhit Shrivastav
Lab Manager (Chemical & Analytical)
Authorized Signatory

Test result is drawn according to the kind and extent tests performed.

Without permission of the tests centre, this report is not permitted to be duplicated in extracts. This report does not entitle to carry any safety mark on this or similar products. This test report represents the test parameters as requested by the customer based on submitted sample only.

RESULTS

S.NO.	TEST NAME	TEST METHOD	SIZE:35	SIZE:42	SIZE:49	REQUIREMENT
1	DESIGN: HEIGHT OF UPPER	(BS EN ISO 20345:2022 CLAUSE 5.2.2)	DESIGN B 124 MM	DESIGN B 132 MM	DESIGN B 145MM	DESIGN B SIZE 36 AND BELOW ≥103 MM SIZE 41 AND 42: ≥ 113 MM SIZE 45 AND ABOVE: ≥ 121 MM
2	HEEL AREA	(BS EN ISO 20345:2022 CLAUSE 5.2.3)	DESIGN B THE HEEL AREA IS CLOSED.	DESIGN B THE HEEL AREA IS CLOSED.	DESIGN B THE HEEL AREA IS CLOSED.	THE HEEL AREA SHALL BE CLOSED
3	CONSTRUCTION	(BS EN ISO 20345:2022 CLAUSE 5.3.1.1)	DESIGN B REQUIREMENT MEET	DESIGN B REQUIREMENT MEET	DESIGN B REQUIREMENT MEET	INSOLE SHALL BE PRESENT IN SUCH A WAY THAT IT CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR.
4	UPPER/ OUTSOLE BOND STRENGTH	(BS EN ISO 20345:2022 CLAUSE 5.3.1.2)	4.4* N/mm	4.3* N/mm	4.2* N/mm	3.0* N/mm (Min.)
			REMARK: *= TEARING OF SOLE MATERIAL OBSERVED			
5	GENERAL-TOE CAP	(BS EN ISO 20345:2022 CLAUSE 5.3.2.1)	THE TOECAP CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR	THE TOECAP CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR	THE TOECAP CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR	TOECAPS SHALL BE INCORPORATED IN THE FOOTWEAR IN SUCH A MANNER THAT THEY CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR.
			VAMP LINING PRESENT	VAMP LINING PRESENT	VAMP LINING PRESENT	FOOTWEAR SHALL HAVE A VAMP LINING OR ELEMENT OF THE UPPER THAT SERVES AS A LINING.
			EDGE COVERING BENEATH TOECAPS 20.6 E COVERING OPPOSITE DIRECTION TOECAPS. 22.4 MM	EDGE COVERING BENEATH TOECAPS 20.5 MM EDGE COVERING OPPOSITE DIRECTION TOECAPS. 22.2 MM	EDGE COVERING BENEATH TOECAPS 21.0 MM EDGE COVERING OPPOSITE DIRECTION TOECAPS. 22.4 MM	THE TOECAPS SHALL HAVE AN EDGE COVERING EXTENDING FROM THE BACK EDGE OF THE TOECAP TO AT LEAST 5 MM BENEATH IT AND AT LEAST 10 MM IN THE OPPOSITE DIRECTION.
			REQUIREMENT MEET	REQUIREMENT MEET	REQUIREMENT MEET	METALLIC TOECAPS SHALL BE FINISHED SO AS FREE FROM SURFACE MARKS OR DEFECTS AND BURRS AND SHARP EDGE

S.NO.	TEST NAME	TEST METHOD	SIZE:35	SIZE:42	SIZE:49	REQUIREMENT
6	IMPACT RESISTANCE	(BS EN ISO 20345:2022 CLAUSE 5.3.2.6)	LEFT-14.0 MM RIGHT-14.5 MM	LEFT- 15.5 MM RIGHT-15.0 MM	LEFT-16.0 MM RIGHT-16.5 MM	MINIMUM CLEARANCE SIZE 36 AND BELOW: 12.5 MM SIZE 41 AND 42: 14.0 MM SIZE 45 AND ABOVE:15.0 MM
7	COMPRESSION RESISTANCE	(BS EN ISO 20345:2022 CLAUSE 5.3.2.7)	LEFT-15.0 MM RIGHT-15.5 MM	LEFT-16.0 MM RIGHT-16.5 MM	LEFT-16.5 MM RIGHT-17.0 MM	MINIMUM CLEARANCE SIZE 36 AND BELOW: 12.5 MM SIZE 41 AND 42: 14.0 MM SIZE 45 AND ABOVE:15.0 MM
8	ERGONOMIC FEATURES	(BS EN ISO 20345:2022 CLAUSE 5.3.4)	DESIGN B YES	DESIGN B YES	DESIGN B YES	ALL ANSWERS TO THE QUESTIONNAIRE SHALL BE POSITIVE
	REMARK: YES = ALL THE ANSWERS ARE POSITIVE IN THE QUESTIONNAIRE AS BELOW: QUESTION 1: IS THE INSIDE SURFACE OF THE FOOTWEAR FREE FROM ROUGH, SHARP, OR HARD AREAS THAT CAUSED YOU IRRITATION OR INJURY? QUESTION 2: IS THE FOOTWEAR FREE OF FEATURES THAT CONSIDER T MAKE WEARING THE FOOTWEAR HAZARDOUS? QUESTION 3: CAN THE FASTENING BE ADEQUATELY ADJUSTED (IT NECESSARY)? QUESTION 4: CAN THE FOLLOWING ACTIVITIES BE PERFORMED WITHOUT PROBLEMS: 4.1. WALKING, 4.2. CLIMBING STAIRS, 4.3. KNEELING/CRUNCHING DOWN.					

S.NO.	TEST NAME	TEST METHOD	SIZE:35	SIZE:42	SIZE:49	REQUIREMENT
9	SLIP RESISTANCE	(BS EN ISO 20345:2022 CLAUSE 5.3.5.2)	CONDITION-A (FORWARD HEEL SLIP) 0.34	CONDITION-A (FORWARD HEEL SLIP) 0.35	CONDITION-A (FORWARD HEEL SLIP) 0.33	CONDITION-A (FORWARD HEEL SLIP) ≥ 0.31
			CONDITION-B (BACKWARD FOREPART SLIP) 0.38	CONDITION-B (BACKWARD FOREPART SLIP) 0.40	CONDITION-B (BACKWARD FOREPART SLIP) 0.37	CONDITION-B (BACKWARD FOREPART SLIP) ≥ 0.36
10	UPPER - GENERAL	(BS EN ISO 20345:2022 CLAUSE 5.4.1.1)	DESIGN B 92 mm	DESIGN B 95 mm	DESIGN B 100 mm	DESIGN B MINIMUM HEIGHT SIZE 36 AND BELOW: 64 MM SIZE 41 AND 42: 70 MM SIZE 45 AND ABOVE: 73 MM
11	TEAR STRENGTH UPPER	(BS EN ISO 20345:2022 CLAUSE 5.4.3)	Synthetic: 102.3 N Fabric with coated material: 66.4 N	Synthetic: 104.4 N Fabric with coated material: 62.1 N	Synthetic: 101.8 N Fabric with coated material: 65.8 N	60 N (Min.)
12	WATER VAPOUR PERMEABILITY UPPER	(BS EN ISO 20345:2022 CLAUSE 5.4.6)	1.4 mg/(cm ² ·h)	1.5 mg/(cm ² ·h)	1.4 mg/(cm ² ·h)	≥ 0.8 mg/(cm ² ·h)
	WATER VAPOUR COEFFICIENT UPPER - WITHOUT POLY BACKER		17.0 mg/cm ²	17.3 mg/cm ²	16.7 mg/cm ²	≥ 15 mg/cm ²
13	TEAR STRENGTH COLLAR/TONGUE	(BS EN ISO 20345:2022 CLAUSE 5.5.2/ 5.6.2)	25.4 N	28.2 N	29.1 N	FOR COLLAR FOR COATED FABRIC AND TEXTILES FORCE 15 N FOR TONGUE MATERIAL FOR COATED FABRIC AND TEXTILES FORCE 18 N
14	ABRASION RESISTANCE - COLLAR	(BS EN ISO 20345:2022 CLAUSE 5.5.3)	DRY: NO HOLE WET: NO HOLE	DRY: NO HOLE WET: NO HOLE	DRY: NO HOLE WET: NO HOLE	DRY: THE LINING SHALL NOT DEVELOP ANY HOLES BEFORE 25,600 CYCLES. WET: THE LINING SHALL NOT DEVELOP ANY HOLES BEFORE 12,800 CYCLES.

S.NO.	TEST NAME	TEST METHOD	SIZE:35	SIZE:42	SIZE:49	REQUIREMENT
15	THICKNESS OUT SOLE	(BS EN ISO 20345:2022 CLAUSE 5.8.2.1)	6.8 mm	6.9 mm	6.9 mm	≥ 4 mm
16	DESIGN: CLEATED AREA OUT SOLE	(BS EN ISO 20345:2022 CLAUSE 5.8.2.2)	SPECIFIED AREAS HAVE CLEATS WHICH ARE OPEN TO THE SIDE FRONT CLEAT AREA: 0.44 L HEEL CLEAT AREA: 0.35 L	SPECIFIED AREAS HAVE CLEATS WHICH ARE OPEN TO THE SIDE FRONT CLEAT AREA: 0.48 L HEEL CLEAT AREA: 0.36 L	SPECIFIED AREAS HAVE CLEATS WHICH ARE OPEN TO THE SIDE FRONT CLEAT AREA: 0.49 L HEEL CLEAT AREA: 0.36 L	SPECIFIED AREA SHALL HAVE CLEATS WHICH ARE OPEN TO THE SIDE FRONT CLEATS AREA: 0.45 L HEEL CLEATS AREA: 0.25 L
17	DESIGN: CLEAT HEIGHT	(BS EN ISO 20345:2022 CLAUSE 5.8.2.3)	3.5 mm	3.5 mm	3.7 mm	2.5 mm (MIN)
18	TEAR STRENGTH-OUTSOLE	(BS EN ISO 20345:2022 CLAUSE 5.8.3)	12.4 kN/m	11.9 kN/m	12.0 kN/m	≥ 8 kN/m FOR MATERIALS WITH A DENSITY >0.9 g/cm ³
19	ABRASION RESISTANCE-OUTSOLE	(BS EN ISO 20345:2022 CLAUSE 5.8.4)	95 mm ³	93 mm ³	90 mm ³	≤ 150 mm ³ FOR MATERIALS WITH A DENSITY >0.9 g/cm ³ OR ABOVE
20	FLEXING RESISTANCE OF OUTSOLE	(BS EN ISO 20345:2022 CLAUSE 5.8.5)	NO SIGNIFICANT CUT GROWTH WAS OBSERVED	NO SIGNIFICANT CUT GROWTH WAS OBSERVED	NO SIGNIFICANT CUT GROWTH WAS OBSERVED	4 MM (MAX.) CUT GROWTH TILL 30,000 CYCLES.
21	HYDROLYSIS TEST-OUTSOLE	(BS EN ISO 20345:2022 CLAUSE 5.8.6)	NO SIGNIFICANT CUT GROWTH WAS OBSERVED	NO SIGNIFICANT CUT GROWTH WAS OBSERVED	NO SIGNIFICANT CUT GROWTH WAS OBSERVED	6 MM (MAX.) CUT GROWTH TILL 150,000 CYCLES
22	INTERLAYER BOND STRENGTH OF SOLE	(BS EN ISO 20345:2022 CLAUSE 5.8.7)	4.2* N/mm	4.4* N/mm	4.4* N/mm	3.0* N/mm (Min.)
			REMARK: *= TEARING OF SOLE MATERIAL OBSERVED			

S.NO.	TEST NAME	TEST METHOD	SIZE:35	SIZE:42	SIZE:49	REQUIREMENT
23	ANTISTATIC FOOTWEAR	(BS EN ISO 20345:2022 CLAUSE 6.2.2.2)	LEFT: DRY: 114 MΩ WET: 21 MΩ RIGHT: DRY: 119 MΩ WET: 18 MΩ	LEFT: DRY: 118MΩ WET: 19 MΩ RIGHT: DRY: 129 MΩ WET: 24 MΩ	LEFT: DRY: 110MΩ WET: 22 MΩ RIGHT: DRY: 121 MΩ WET: 20 MΩ	100 KΩ-1000 MΩ
24	ENERGY ABSORPTION OF SEAT REGION	(BS EN ISO 20345:2022 CLAUSE 6.2.4)	LEFT: 24.4 J RIGHT: 23.9 J	LEFT: 26.1J RIGHT: 25.8 J	LEFT: 25.3 J RIGHT: 26.0 J	20 J (Min.)
25	SLIP RESISTANCE (SR)	(BS EN ISO 20345:2022 CLAUSE 6.2.10)	CONDITION-C (FORWARD HEEL SLIP) 0.24	CONDITION-C (FORWARD HEEL SLIP) 0.23	CONDITION-C (FORWARD HEEL SLIP) 0.22	CONDITION-C (FORWARD HEEL SLIP) ≥ 0.19
			CONDITION-D (BACKWARD FOREPART SLIP) 0.26	CONDITION-D (BACKWARD FOREPART SLIP) 0.27	CONDITION-D (BACKWARD FOREPART SLIP) 0.25	CONDITION-D (BACKWARD FOREPART SLIP) ≥ 0.22
26	COLD INSULATION OF OUTSOLE COMPLEX	BS EN ISO 20345:2022 CLAUSE 6.2.3.2)	7.0 °C	7.0 °C	8.0° C	THE DECREASE TEMPERATURE SHALL NOT BE MORE THAN 10 °C
27	HEAT INSULATION OF OUTSOLE COMPLEX	BS EN ISO 20345:2022 CLAUSE 6.2.3.1)	18°C FOOTWEAR DOES NOT SHOW ANY SIGN OF DEGRADATION AFTER TEST. INSULATION CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR.	17°C FOOTWEAR DOES NOT SHOW ANY SIGN OF DEGRADATION AFTER TEST. INSULATION CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR.	17°C FOOTWEAR DOES NOT SHOW ANY SIGN OF DEGRADATION AFTER TEST. INSULATION CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR.	≤ 22°C FOOTWEAR SHALL NOT SHOW AND SIGN OF DEGRADATION AS PER A2 OF ISO 20344:2021 FOOTWEAR DOES NOT SHOW ANY INSULATION CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR.
28	WATER PENETRATION - UPPER	(BS EN ISO 20345:2022 CLAUSE 6.3)	5.2%	6.0%	5.8%	30% (Max.)
	WATER ABSORPTION - UPPER WITH POLY BACKER		0.03 g	0.03 g	0.03 g	0.2 g (Max.)
29	UPPER-CONSTRUCTION	(BS EN ISO 20345:2022 CLAUSE 6.3)	NO NON-FUNCTIONAL & DECORATIVE STITCHINGS AND PERFORATIONS OBSERVED	NO NON-FUNCTIONAL & DECORATIVE STITCHINGS AND PERFORATIONS OBSERVED	NO NON-FUNCTIONAL & DECORATIVE STITCHINGS AND PERFORATIONS OBSERVED	NON-FUNCTIONAL AND DECORATIVE STITCHING AND PERFORATIONS SHALL NOT BE PRESENT ON FOOTWEAR
30	RESISTANCE TO FUEL OIL - OUTSOLE	(BS EN ISO 20345:2022 CLAUSE 6.4.2)	1.9%	2.0%	1.9%	12 % (Max.)

31. AZO-DYES TEST				
TEXTILE METHDO: EN 14362-1:2017				
p-AMINOAZOBENZENE-§ 64 LFGB B82.09/4 AAB)				
BLACK UPPER SYNTHETIC				
AMINES	CAS-NO	Results	Requirement	
4-AMINOBIHENYL	92-67-1	BDL	<30 ppm	
BENZIDINE	92-87-5	BDL		
4-CHLORO-O-TOLUIDINE	95-69-2	BDL		
2-NAPHTHYLAMINE	91-59-8	BDL		
O-AMINOAZOTOLUENE	97-56-3	BDL		
2-AMINO-4-NITROTOLUENE	99-55-8	BDL		
P-CHLOROANILINE	106-47-8	BDL		
2,4-DIAMINOANISOLE	615-05-4	BDL		
4,4'-DIAMINODIPHENYLMETHANE	101-77-9	BDL		
3,3'-DICHLOROBENZIDINE	91-94-1	BDL		
3,3'-DIMETHOXYBENZIDINE	119-90-4	BDL		
3,3'-DIMETHYLBENZIDINE	119-93-7	BDL		
3,3'-DIMETHYL-4,4' DIAMINOBIHENYLMETHANE	838-88-0	BDL		
p-Cresidine	120-71-8	BDL		
4,4'-Methylene-bis-(2- chloroaniline)	101-14-4	BDL		
4,4'-OXYDIANILINE	101-80-4	BDL		
4,4'-THIODIANILINE	139-65-1	BDL		
O-TOLUIDINE	95-53-4	BDL		
2,4-Toluenediamine	95-80-7	BDL		
2,4,5-TRIMETHYLANILINE	137-17-7	BDL		
2-METHOXYANILINE	90-04-0	BDL		
P-AMINOAZOBENZENE	60-09-3	BDL		
2,6 XYLIDIN	87-62-7	BDL		
2,4-Xylidine	95-68-1	BDL		
REMARK:				
SUMMARY: PRESENCE OF CARCINOGENIC AMINES		BDL		
BDL=BELOW DETECTION LIMIT, DETECTION LIMIT = 5 ppm				

OFF WHITE VAMP LINING FABRIC+BLACK HEEL GRIP				
AMINES	CAS-NO	Results	Requirement	
4-AMINOBIHENYL	92-67-1	BDL	<30 ppm	
BENZIDINE	92-87-5	BDL		
4-CHLORO-O-TOLUIDINE	95-69-2	BDL		
2-NAPHTHYLAMINE	91-59-8	BDL		
O-AMINOAZOTOLUENE	97-56-3	BDL		
2-AMINO-4-NITROTOLUENE	99-55-8	BDL		
P-CHLOROANILINE	106-47-8	BDL		
2,4-DIAMINOANISOLE	615-05-4	BDL		
4,4'-DIAMINODIPHENYLMETHANE	101-77-9	BDL		
3,3'-DICHLOROBENZIDINE	91-94-1	BDL		
3,3'-DIMETHOXYBENZIDINE	119-90-4	BDL		
3,3'-DIMETHYLBENZIDINE	119-93-7	BDL		
3,3'-DIMETHYL-4,4' DIAMINOBIHENYLMETHANE	838-88-0	BDL		
p-Cresidine	120-71-8	BDL		
4,4'-Methylene-bis-(2- chloroaniline)	101-14-4	BDL		
4,4'-OXYDIANILINE	101-80-4	BDL		
4,4'-THIODIANILINE	139-65-1	BDL		
O-TOLUIDINE	95-53-4	BDL		
2,4-Toluenediamine	95-80-7	BDL		
2,4,5-TRIMETHYLANILINE	137-17-7	BDL		
2-METHOXYANILINE	90-04-0	BDL		
P-AMINOAZOBENZENE	60-09-3	BDL		
2,6 XYLIDIN	87-62-7	BDL		
2,4-Xylidine	95-68-1	BDL		
REMARK:				
SUMMARY : PRESENCE OF CARCINOGENIC AMINES		BDL		
BDL=BELOW DETECTION LIMIT, DETECTION LIMIT = 5 ppm				

PU SOCKS FABRIC LAMINATED ORANGE				
AMINES	CAS-NO	Results	Requirement	
4-AMINOBIHENYL	92-67-1	BDL	<30 ppm	
BENZIDINE	92-87-5	BDL		
4-CHLORO-O-TOLUIDINE	95-69-2	BDL		
2-NAPHTHYLAMINE	91-59-8	BDL		
O-AMINOAZOTOLUENE	97-56-3	BDL		
2-AMINO-4-NITROTOLUENE	99-55-8	BDL		
P-CHLOROANILINE	106-47-8	BDL		
2,4-DIAMINOANISOLE	615-05-4	BDL		
4,4'-DIAMINODIPHENYLMETHANE	101-77-9	BDL		
3,3'-DICHLOROBENZIDINE	91-94-1	BDL		
3,3'-DIMETHOXYBENZIDINE	119-90-4	BDL		
3,3'-DIMETHYLBENZIDINE	119-93-7	BDL		
3,3'-DIMETHYL-4,4' DIAMINOBIHENYLMETHANE	838-88-0	BDL		
p-Cresidine	120-71-8	BDL		
4,4'-Methylene-bis-(2- chloroaniline)	101-14-4	BDL		
4,4'-OXYDIANILINE	101-80-4	BDL		
4,4'-THIODIANILINE	139-65-1	BDL		
O-TOLUIDINE	95-53-4	BDL		
2,4-Toluenediamine	95-80-7	BDL		
2,4,5-TRIMETHYLANILINE	137-17-7	BDL		
2-METHOXYANILINE	90-04-0	BDL		
P-AMINOAZOBENZENE	60-09-3	BDL		
2,6 XYLIDIN	87-62-7	BDL		
2,4-Xylidine	95-68-1	BDL		
REMARK:				
SUMMARY : PRESENCE OF CARCINOGENIC AMINES		BDL		
BDL=BELOW DETECTION LIMIT, DETECTION LIMIT = 5 ppm				

BLACK QUARTER LINING FABRIC+BLACK COLLAR /TONGUE/UPPER FABRIC+BLUE TONGUE FABRIC				
AMINES	CAS-NO	Results	Requirement	
4-AMINOBIHENYL	92-67-1	BDL	<30 ppm	
BENZIDINE	92-87-5	BDL		
4-CHLORO-O-TOLUIDINE	95-69-2	BDL		
2-NAPHTHYLAMINE	91-59-8	BDL		
O-AMINOAZOTOLUENE	97-56-3	BDL		
2-AMINO-4-NITROTOLUENE	99-55-8	BDL		
P-CHLOROANILINE	106-47-8	BDL		
2,4-DIAMINOANISOLE	615-05-4	BDL		
4,4'-DIAMINODIPHENYLMETHANE	101-77-9	BDL		
3,3'-DICHLOROBENZIDINE	91-94-1	BDL		
3,3'-DIMETHOXYBENZIDINE	119-90-4	BDL		
3,3'-DIMETHYLBENZIDINE	119-93-7	BDL		
3,3'-DIMETHYL-4,4' DIAMINOBIHENYLMETHANE	838-88-0	BDL		
p-Cresidine	120-71-8	BDL		
4,4'-Methylene-bis-(2- chloroaniline)	101-14-4	BDL		
4,4'-OXYDIANILINE	101-80-4	BDL		
4,4'-THIODIANILINE	139-65-1	BDL		
O-TOLUIDINE	95-53-4	BDL		
2,4-Toluenediamine	95-80-7	BDL		
2,4,5-TRIMETHYLANILINE	137-17-7	BDL		
2-METHOXYANILINE	90-04-0	BDL		
P-AMINOAZOBENZENE	60-09-3	BDL		
2,6 XYLIDIN	87-62-7	BDL		
2,4-Xylidine	95-68-1	BDL		
REMARK:				
SUMMARY : PRESENCE OF CARCINOGENIC AMINES		BDL		
BDL=BELOW DETECTION LIMIT, DETECTION LIMIT = 5 ppm				

END OF THE TEST REPORT