



# RED FORT™ FOOT WEAR



Extra Cool Lining  
for Dry Feet

Speed Lacing  
System

Nubuck  
Leather Upper

Metal Free - Anti Perforation  
Textile Insole

Protective Steel  
Toe Cap

Slip Lock Design for  
Excellent Grip

Direct Injection Moulded PU Sole with  
Anti Slip Design, Oil/ Chemical Resistant &  
Antistatic properties

**Direct Injected PU Sole**



**RFFW - 421**

**EN ISO:20345 S1P**

**Available in Sizes - UK 05 to 12**

*The product is tested & certified by INTERTEK*



Article: : RFFW-421  
 Operative Standard : IS: 15298(PART-2);2011 AND EN ISO:20345  
 Safety Class : S1P  
 Construction : Single Density Direct Injection Molded Pu Sole  
 Description : Low Ankle Shoe, Full Grain Nubuck Leather,  
 200J Steel Toe, Single Density  
 Direct Injection Molded PU Sole With Anti-perforation  
 Textile Insole  
 Suggested Environments : Building, Agriculture, Heavy Industry, Mountain,  
 Chemistry, Industry, Light Industry, Craft, Big  
 Installations, Automotive, Automated Lines,  
 Yard



| COMPONENTS                 | DESCRIPTION   |
|----------------------------|---|
| Upper Leather              | Nubuck grain leather 1.8-2.0 mm thickness   |
| Vamp Lining                | Non-woven 270 GSM   |
| Inner Lining               | Printed Mesh Lining   |
| Tongue                     | Textile with 6mm PU Foam.   |
| Collar                     | Textile with 14mm PU Foam.  |
| Counter Stiffener          | Thermoplastic Sheet 2mm Thickness   |
| Insole                     | Anti-Perforation Textile Insole   |
| Toe Cap                    | Steel toe cap - 200 J impact Resistance   |
| Padding Under Steel Toe    | Polymer Strip for comfort   |
| Outsole                    | Single Density Direct Injected PU with Desma Machine. The Sole has Anti Slip Design, Oil/ Chemical Resistant, Antistatic properties |
| Heat Resistance(HRO)       | Up to 120 °C for 1 minute   |
| Electrical Property        | Resistance between 100 Kilo ohms to 1000 Mega ohms  |
| In Socks                   | Molded EVA with Textile Laminated 6mm Thickness   |
| Fastening                  | Laces   |
| Sizes                      | UK Range 05 to 12   |
| Certification Organisation | INTERTEK  |

Cleaning And Maintenance : Use Only Soft Brushes And Water. Do Not Use Substances Like Alcohol, Thinners, Gasoline, Oil Or Any Other Chemicals. Keep The Footwear, Dry And Clean, In A Proper Place At Room Temperature.

*Shree Balaji Enterprise*  
 AN ISO 9001:2008, SSI & NSIC, CRISIL RATED COMPANY

(Manufacturer of : Industrial Work Wear, Safety Clothing, Safety Shoes Fire protection clothing and Technical Textiles)

B22/23, First Floor, Bardan Gali, Next to hanuman temple, Behind Jungleshwar mandir,  
 Asalpha, Ghatkopar (W), Mumbai-400084, Maharashtra, INDIA.

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# EU TYPE EXAMINATION CERTIFICATE

intertek



APPROVED BODY 0362

The safety footwear detailed herein meets the criteria of an EU Type Examination in accordance with Annex V of the PPE Regulation EU 2016/425 for Category II products.

This has been shown through satisfactory testing to EN ISO 20345: 2011 and examination of the Technical File Documentation.

Following an EU Declaration of Product Conformity you are hereby licensed to mark the product(s) detailed in accordance with Article 17 of the PPE Regulation EU 2016/425

ITS Testing Services (UK) Ltd.  
Centre Court  
Meridian Business Park  
Leicester, LE19 1WD  
United Kingdom  
Phone: +44 (0)116 263 0330  
Fax: +44 (0)116 263 0311



**Issued to** : Shree Balaji Enterprise  
B22/23, First Floor, BardanGali, Next to hanuman temple, Behind  
Jungleshwarmandir, JMM Road, Asalpha, Ghatkopar (W), Mumbai-  
400084, Maharashtra, INDIA

**Issue Date** : 23 November 2018


**Expiry Date** : 23 November 2023

**Certificate No.** : LECFI00372836

**Product Reference(s)** : RFFW-421  
Safety Footwear under brand name Red Fort Foot Wear

**Description** : Construction : Direct Injection Process  
Toecap : STEEL TOE CAP 200J  
Midsole : Anti-perforation Kevlar Insole  
Last : 12568  
Sole : PU  
Mould : 3959  
Test Report(s) : See Technical File  
Size Range : 5-12  
Category : S1 P SRC

Assessor:  Date: 23/11/2018

Certification Manager:  Date: 23/11/2018

For and on behalf of ITS Testing Services (UK) Limited

Certificate No. TC-5663(in lieu of T-0552, T-0553)

NUMBER : DELF18004075-REV1

DATE : 21<sup>ST</sup> JUNE,2018

## **TEST REPORT**

### **PHOTO**



**DELF18004075**



Certificate No. TC-5663(in lieu of T-0552, T-0553)

NUMBER : DELF18004075-REV1

DATE : 21<sup>ST</sup> JUNE,2018

## **TEST REPORT**

**APPLICANT:** **Shree Balaji Enterprise**  
B-22/23, First Floor, Bardan Gali,  
Next to hanuman temple,  
Behind Jungleshwar mandir,  
JMM Road, Asalpha, Ghatkopar (W),  
Mumbai, Maharashtra, India -400084

**ATTN:** **Mr. Sachin Kherodia**

|                              |   |   |
|------------------------------|---|---|
| <b>SAMPLE DESCRIPTION</b>    | : | THE SUBMITTED SAMPLE SAID TO BE SAFETY FOOTWEAR UNDER THE BRAND NAME RED FORT FOOTWEAR. |
| DATE RECEIVED                | : | 27 <sup>th</sup> April,2018   |
| BUYER NAME                   | : | -   |
| STYLE NO.                    | : | RFFW-421  |
| SIZE                         | : | 5,8,12  |
| CATEGORY                     | : | S1 P SRC  |
| COLOUR                       | : | -   |
| UPPER                        | : | BLACK NUBUCK LEATHER (WATER RESISTANT)<br>GREY TEXTILE                                  |
| VAMP LINING                  | : | WHITE NON-WOVEN   |
| QUARTER / SEAT REGION LINING | : | GREY PRINTED MESH LINING  |
| TONGUE                       | : | GREY TEXTILE WITH 6MM PU FOAM   |
| COLLAR                       | : | GREY TEXTILE WITH 14MM PU FOAM  |
| INSOLE                       | : | WHITE ANTI-PERFORATION KEVLAR INSOLE  |
| INSOCK                       | : | BLACK EVA MOULDED WITH TEXTILE LAMINATED  |
| OUTSOLE                      | : | BLACK PU  |
| PENETRATION INSERT           | : | WHITE ANTI-PERFORATION KEVLAR INSOLE  |
| TOE CAP                      | : | GREY STEEL 200 J  |
| END USE                      | : | SAFETY FOOTWEAR   |
| MANUFACTURE NAME             | : | -   |

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TESTS CONDUCTED : As per the Applicant's request. For further details, please refer to the enclosed pages

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### **CONCLUSION:**

|   |  |   |
|---|--|---|
| 1 | DESIGN HEIGHT OF UPPER                                       | M |
| 2 | DESIGN: SEAT REGION  | M |
| 3 | CONSTRUCTION   | M |
| 4 | UPPER/OUTSOLE BOND STRENGTH                                  | M |
| 5 | GENERAL  | M |
| 6 | ERGONOMIC FEATURES   | M |
| 7 | TEAR STRENGTH- UPPER LEATHER                                 | M |
| 8 | WATER VAPOUR PERMEABILITY & WATER VAPOUR CO-EFFICIENT -UPPER | M |

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### **Intertek India Private Ltd.**

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Certificate No. TC-5663(in lieu of T-0552, T-0553)

NUMBER : DELF18004075-REV1

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**TEST REPORT**

|    |  |   |
|----|--|---|
| 9  | PH- VALUE- UPPER   | M |
| 10 | CHROMIUM VI- UPPER   | M |
| 11 | TEAR STRENGTH- QUARTER LINING  | M |
| 12 | MARTINDALE ABRASION - QUARTER / SEAT REGION LINING                     | M |
| 13 | WATER VAPOUR PERMEABILITY & WATER VAPOUR CO-EFFICIENT - QUARTER LINING | M |
| 14 | AZO-DYES   | M |

NOTE: **M = Meet buyer's requirement,**

**F = Does Not Meet buyer's requirement**

**\*= Not Provided,**

**NA = Not Applicable**

REMARK: THE TEST REPORT NO. DELF18004075 DATED 11 JUNE, 2018 HAS BEEN REVISED TO CHANGE THE SAMPLE DESCRIPTION AS PER APPLICANT REQUEST.

AUTHORIZED BY  
FOR INTERTEK INDIA PRIVATE LIMITED [FOOTWEAR]

SURJIT SINGH  
DEPUTY MANAGER



Certificate No. TC-5663(in lieu of T-0552, T-0553)

NUMBER : DELF18004075-REV1

**TEST REPORT**

DATE : 21<sup>ST</sup> JUNE,2018

| <b>1. DESIGN: HEIGHT OF UPPER<br/>ISO 20345:2011,CLAUSE NO-5.2.2</b>       |  |  |         |  |         |  |
|--|--|--|---------|--|---------|--|
|  |  | RESULTS  |         |  |         |  |
|  |  | SIZE: 5  |         | SIZE: 8  |         | SIZE: 12   |
|  |  | DESIGN: A  | 87.6 mm | DESIGN: A  | 97.0 mm | DESIGN: A 102.5 mm   |
| REQUIREMENT  |  | <105 mm  |         | <113 mm  |         | <121mm   |
| <b>2. DESIGN : SEAT REGION<br/>ISO 20345:2011,CLAUSE NO-5.2.3</b>          |  |  |         |  |         |  |
|  |  | RESULTS  |         |  |         |  |
|  |  | SIZE: 5  |         | SIZE: 8  |         | SIZE: 12   |
|  |  | SEAT REGION IS CLOSED. NO HOLES OTHER THAN SEAMS OBSERVED BELOW THE MINIMUM HEIGHT.            |         | SEAT REGION IS CLOSED.NO HOLES OTHER THAN SEAMS OBSERVED BELOW THE MINIMUM HEIGHT. |         | SEAT REGION IS CLOSED.NO HOLES OTHER THAN SEAMS OBSERVED BELOW THE MINIMUM HEIGHT. |
| REQUIREMENT  |  | THE SEAT REGION SHALL BE CLOSED  |         |  |         |  |
| <b>3. CONSTRUCTION<br/>ISO 20345:2011,CLAUSE NO-5.3.1.1</b>                |  |  |         |  |         |  |
|  |  | RESULTS  |         |  |         |  |
|  |  | SIZE: 5  |         | SIZE: 8  |         | SIZE: 12   |
|  |  | REQUIREMENT MEET   |         | REQUIREMENT MEET   |         | REQUIREMENT MEET   |
| REQUIREMENT  |  | INSOLE SHALL BE PRESENT IN SUCH A WAY THAT IT CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR. |         |  |         |  |
| <b>4. UPPER/OUTSOLE BOND STRENGTH<br/>ISO:20345:2011,CLAUSE NO-5.3.1.2</b> |  |  |         |  |         |  |
|  |  | RESULTS  |         |  |         |  |
|  |  | SIZE: 5  |         | SIZE: 8  |         | SIZE: 12   |
|  |  | 3.7 N/mm*  |         | 3.3 N/mm*  |         | 3.8 N/mm*  |
| REMARK   |  | *= TEARING OF SOLEING MATERIAL   |         |  |         |  |
| REQUIREMENT  |  | 3.0 N/mm (Min.)  |         |  |         |  |



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| <b>5.GENERAL</b>                        |   |                           |                          |
|---|---|---------------------------|--------------------------|
| <b>ISO 20345:2011,CLAUSE NO.5.3.2.1</b> |   |                           |                          |
|   | <b>RESULTS</b>  |                           |                          |
|   | <b>SIZE: 5</b>  | <b>SIZE: 8</b>            | <b>SIZE: 12</b>          |
|   | PASS  | PASS                      | PASS                     |
|   | VAMP LINING PRESENT   | VAMP LINING PRESENT       | VAMP LINING PRESENT      |
|   | BENEATH TOE CAP-<br>10.6 mm   | BENEATH TOECAP<br>10.1 mm | BENEATH TOECAP<br>9.8 mm |
|   | BEHIND TOECAP<br>14.8 mm  | BEHIND TOECAP<br>14.9 mm  | BEHIND TOECAP<br>15.3 mm |
|   | WIDHT OF FLANGE: 5.9 mm   | WIDHT OF FLANGE: 6.3 mm   | WIDHT OF FLANGE: 6.2 mm  |
| REQUIREMENT                             | THE TOE CAP CANNOT BE REMOVED WITHOUT DAMAGING THE FOOTWEAR.<br>FOOTWEAR SHALL HAVE A VAMP LINING.<br>EDGE COVERING BENEATH TOE-CAP: 5 mm (Min.)<br>EDGE COVERING BEHIND TOE-CAP: 10 mm (Min.)<br>WIDHT OF FLANGE: 10 mm (Max.)   |                           |                          |
| <b>6. ERGONOMIC FEATURES</b>            |   |                           |                          |
| <b>ISO 20345:2011,CLAUSE NO-5.3.4</b>   |   |                           |                          |
|   | <b>RESULTS</b>  |                           |                          |
|   | <b>SIZE: 5</b>  | <b>SIZE: 8</b>            | <b>SIZE: 12</b>          |
|   | REQUIREMENT MEET  | REQUIREMENT MEET          | REQUIREMENT MEET         |
| REQUIREMENT                             | ALL ANSWERS TO THE QUESTIONNAIRE SHALL BE POSITIVE  |                           |                          |
| REMARK:                                 | YES = ALL THE ANSWERS ARE POSITIVE IN THE QUESTIONNAIRE AS BELOW:<br>QUESTION 1: IS THE INSIDE SURFACE OF THE FOOTWEAR FREE FROM ROUGH, SHARP OR HARD AREAS THAT CAUSED YOU IRRITATION OR INJURY?<br>QUESTION 2: ARE THERE NO PINCH POINT CAUSED BY TOE- CAP OR THE EDGE COVERING OF THE TOECAP?<br>QUESTION 3: IS THE FOOTWEAR FREE OF FEATURES THAT CONSIDER TO MAKE WEARING THE FOOTWEAR HAZARDOUS?<br>QUESTION 4: CAN THE FASTENING BE ADEQUATELY ADJUSTED (IT NECESSARY)?<br>QUESTION 5: CAN THE FOLLOWING ACTIVITIES BE PERFORMED WITHOUT PROBLEMS<br>I. WALKING<br>II. CLIMBING STAIRS<br>III. KNEELING/CRUNCHING DOWN |                           |                          |





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| <b>7. TEAR STRENGTH –UPPER</b>             |  |                            |                            |
|--|--|----------------------------|----------------------------|
| <b>ISO 20345:2011,CLAUSE NO.5.4.3</b>      |  |                            |                            |
|  | RESULTS  |                            |                            |
|  | SIZE:5   | SIZE:8                     | SIZE: 12                   |
| LEATHER                                    | 125.0 N  | 126.1 N                    | 119.5 N                    |
| TEXTILE                                    | 80.2 N   | 80.6 N                     | 83.1 N                     |
| REQUIREMENT                                | FOR LEATHER :120 N(Min.)<br>TEXTILE AND COATED FABRIC: 60 N(Min.)                          |                            |                            |
| <b>8. WATER VAPOUR PERMEABILITY –UPPER</b> |  |                            |                            |
| <b>ISO 20345:2011,CLAUSE NO.5.4.6</b>      |  |                            |                            |
|  | RESULTS  |                            |                            |
|  | SIZE:5   | SIZE:8                     | SIZE: 12                   |
| LEATHER                                    | 6.9 mg/cm <sup>2</sup> .h  | 7.0 mg/cm <sup>2</sup> .h  | 6.8 mg/cm <sup>2</sup> .h  |
| TEXTILE                                    | 52.1 mg/cm <sup>2</sup> .h   | 50.5 mg/cm <sup>2</sup> .h | 51.6 mg/cm <sup>2</sup> .h |
| REQUIREMENT                                | 0.8 mg/cm <sup>2</sup> .h (MIN)  |                            |                            |
| <b>WATER VAPOUR CO-EFFICIENT</b>           |  |                            |                            |
| <b>ISO 20345:2011,CLAUSE NO.5.4.6</b>      |  |                            |                            |
|  | RESULTS  |                            |                            |
|  | SIZE:5   | SIZE:8                     | SIZE: 12                   |
| LEATHER                                    | 57.7 mg/cm <sup>2</sup>  | 58.9 mg/cm <sup>2</sup>    | 57.4 mg/cm <sup>2</sup>    |
| TEXTILE                                    | 417.0 mg/cm <sup>2</sup>   | 404.3 mg/cm <sup>2</sup>   | 413.2 mg/cm <sup>2</sup>   |
| REQUIREMENT                                | 15 mg/cm <sup>2</sup> (MIN)  |                            |                            |
| <b>9. PH VALUE – UPPER LEATHER</b>         |  |                            |                            |
| <b>ISO 20345:2011,CLAUSE NO.5.4.7</b>      |  |                            |                            |
|  | RESULTS  |                            |                            |
|  | SAMPLE :1  |                            | SAMPLE :2                  |
|  | 4.1  |                            | 4.1                        |
| REQUIREMENT                                | MIN. 3.20, IF BELOW 4.00, MAX. DIFFERENCE 0.70   |                            |                            |
| <b>10. CHROMIUM VI- UPPER LEATHER</b>      |  |                            |                            |
| <b>ISO 20345:2011,CLAUSE NO.5.4.9</b>      |  |                            |                            |
|  | SAMPLE :1  |                            | SAMPLE :2                  |
|  | ND   |                            | ND                         |
| REQUIREMENT                                | < 3.0 mg/kg  |                            |                            |
| REMARK:                                    | < = LESS THAN PPM = PARTS PER MILLION = mg/kg<br>DETECTION LIMIT = 1 ppm ND = NOT DETECTED |                            |                            |



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| <b>11. TEAR STRENGTH- QUARTER LINING<br/>ISO 20345:2011,CLAUSE NO.5.5.1</b>                      |  |         |                            |         |                            |         |
|--|--|---------|----------------------------|---------|----------------------------|---------|
|  | RESULTS  |         |                            |         |                            |         |
|  | SIZE: 5  |         | SIZE: 8                    |         | SIZE: 12                   |         |
|  | 42.1 N   |         | 42.8 N                     |         | 45.1 N                     |         |
| REQUIREMENT  | 15 N (MIN)   |         |                            |         |                            |         |
| <b>12. MARTINDALE ABRASION - QUARTER / SEAT REGION LINING<br/>ISO 20345:2011,CLAUSE NO-5.5.2</b> |  |         |                            |         |                            |         |
|  | RESULT   |         |                            |         |                            |         |
|  | SIZE: 5  |         | SIZE: 8                    |         | SIZE: 12                   |         |
|  | DRY  | WET     | DRY                        | WET     | DRY                        | WET     |
|  | NO HOLE  | NO HOLE | NO HOLE                    | NO HOLE | NO HOLE                    | NO HOLE |
| REQUIREMENT  | <b>FOR QUARTER LINING:</b><br>DRY : NO HOLE DEVELOP BEFORE 25,600 CYCLES<br>WET:NO HOLE DEVELOP BEFORE 12,800 CYCLES<br><br><b>FOR SEAT REGION LINING:</b><br>DRY : NO HOLE DEVELOP BEFORE 51,200 CYCLES<br>WET:NO HOLE DEVELOP BEFORE 25,600 CYCLES |         |                            |         |                            |         |
| <b>13. WATER VAPOUR PERMEABILITY - QUARTER LINING<br/>ISO 20345:2011,CLAUSE NO.5.5.3</b>         |  |         |                            |         |                            |         |
|  | RESULTS  |         |                            |         |                            |         |
|  | SIZE: 5  |         | SIZE: 8                    |         | SIZE: 12                   |         |
|  | 47.2 mg/cm <sup>2</sup> .h   |         | 55.8 mg/cm <sup>2</sup> .h |         | 41.7 mg/cm <sup>2</sup> .h |         |
| REQUIREMENT  | 2.0 mg/cm <sup>2</sup> .h (MIN)  |         |                            |         |                            |         |
| <b>WATER VAPOUR CO-EFFICIENT -QUARTER LINING<br/>ISO 20345:2011,CLAUSE NO.5.5.3</b>              |  |         |                            |         |                            |         |
|  | RESULTS  |         |                            |         |                            |         |
|  | SIZE: 5  |         | SIZE: 8                    |         | SIZE: 12                   |         |
|  | 378.2 mg/cm <sup>2</sup>   |         | 446.8 mg/cm <sup>2</sup>   |         | 334.2 mg/cm <sup>2</sup>   |         |
| REQUIREMENT  | 20 mg/cm <sup>2</sup> (MIN)  |         |                            |         |                            |         |



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| <b>14. AZO-DYES TEST</b>                         |  |                |               |                    |
|--|--|----------------|---------------|--------------------|
| <b>LEATHER METHOD :EN ISO /TS 17234-1</b>        |  |                |               |                    |
| <b>EN 14362-1:2017 TEXTILE METHOD</b>            |  |                |               |                    |
| <b>p-AMINOAZOBENZENE-§ 64 LFGB B82.09/4 AAB)</b> |  |                |               |                    |
| <b>BLACK UPPER LEATHER- LEATHER METHOD</b>       |  |                |               |                    |
|  | <b>FORBIDDEN AMINE</b>   | <b>CAS-No.</b> | <b>RESULT</b> | <b>REQUIREMENT</b> |
| i  | 4-Aminodiphenyl  | 92-67-1        | ND            | 30 PPM (Max.)      |
| ii   | Benzidine  | 92-87-5        | ND            |                    |
| iii  | 4-Chloro-O-Toluidine   | 95-69-2        | ND            |                    |
| iv   | 2-Naphthylamine  | 91-59-8        | ND            |                    |
| v  | O-Aminoazotoluene  | 97-56-3        | ND            |                    |
| vi   | 2-Amino-4-Nitrotoluene   | 99-55-8        | ND            |                    |
| vii  | P-Chloroaniline  | 106-47-8       | ND            |                    |
| viii   | 2,4-Diaminoanisole   | 615-05-4       | ND            |                    |
| ix   | 4,4'-Diaminodiphenylmethane  | 101-77-9       | ND            |                    |
| x  | 3,3'-Dichlorobenzidine   | 91-94-1        | ND            |                    |
| xi   | 3,3'-Dimethoxybenzidine  | 119-90-4       | ND            |                    |
| xii  | 3,3-Dimethylbenzidine  | 119-93-7       | ND            |                    |
| xiii   | 3,3'-Dimethyl-4,4'Diaminodiphenylmethane                           | 838-88-0       | ND            |                    |
| xiv  | P-Cresidine  | 120-71-8       | ND            |                    |
| xv   | 4,4'-Methylene-Bis(2-Chloroaniline)                                | 101-14-4       | ND            |                    |
| xvi  | 4,4'-Oxidianiline  | 101-80-4       | ND            |                    |
| xvii   | 4,4'-Thiodianiline   | 139-65-1       | ND            |                    |
| xviii  | O-Toluidine  | 95-53-4        | ND            |                    |
| xix  | 2,4'-Toluylenediamine  | 95-80-7        | ND            |                    |
| xx   | 2,4,5-Trimethylaniline   | 137-17-7       | ND            |                    |
| xxi  | O-Anisidine  | 90-04-0        | ND            |                    |
| xxii   | p-Aminoazobenzene  | 60-09-3        | ND            |                    |
| xxiii  | 2,6 Xylidin  | 87-62-7        | ND            |                    |
| xxiv   | 2-4 Xylidin  | 95-68-1        | ND            |                    |
| REMARK:  | ND:NOT DETECTED<br>DETECTION LIMIT:5PPM<br>PPM = PARTS PER MILLION |                |               |                    |



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| GREY UPPER TEXTILE + GREY MESH TONGUE/COLLAR/ QUARTER/SEAT REGION LINING FABRIC- TEXTILE METHOD |  |          |        |               |
|---|--|----------|--------|---------------|
|   | FORBIDDEN AMINE  | CAS-No.  | RESULT | REQUIREMENT   |
| i   | 4-Aminodiphenyl  | 92-67-1  | ND     | 30 PPM (Max.) |
| ii  | Benzidine  | 92-87-5  | ND     |               |
| iii   | 4-Chloro-O-Toluidine   | 95-69-2  | ND     |               |
| iv  | 2-Naphthylamine  | 91-59-8  | ND     |               |
| v   | O-Aminoazotoluene  | 97-56-3  | ND     |               |
| vi  | 2-Amino-4-Nitrotoluene   | 99-55-8  | ND     |               |
| vii   | P-Chloroaniline  | 106-47-8 | ND     |               |
| viii  | 2,4-Diaminoanisole   | 615-05-4 | ND     |               |
| ix  | 4,4'-Diaminodiphenylmethane  | 101-77-9 | ND     |               |
| x   | 3,3'-Dichlorobenzidine   | 91-94-1  | ND     |               |
| xi  | 3,3'-Dimethoxybenzidine  | 119-90-4 | ND     |               |
| xii   | 3,3-Dimethylbenzidine  | 119-93-7 | ND     |               |
| xiii  | 3,3'-Dimethyl-4,4'Diaminodiphenylmethane                           | 838-88-0 | ND     |               |
| xiv   | P-Cresidine  | 120-71-8 | ND     |               |
| xv  | 4,4'-Methylene-Bis(2-Chloroaniline)                                | 101-14-4 | ND     |               |
| xvi   | 4,4'-Oxidianiline  | 101-80-4 | ND     |               |
| xvii  | 4,4'-Thiodianiline   | 139-65-1 | ND     |               |
| xviii   | O-Toluidine  | 95-53-4  | ND     |               |
| xix   | 2,4'-Toluylenediamine  | 95-80-7  | ND     |               |
| xx  | 2,4,5-Trimethylaniline   | 137-17-7 | ND     |               |
| xxi   | O-Anisidine  | 90-04-0  | ND     |               |
| xxii  | p-Aminoazobenzene  | 60-09-3  | ND     |               |
| xxiii   | 2,6 Xylidin  | 87-62-7  | ND     |               |
| xxiv  | 2-4 Xylidin  | 95-68-1  | ND     |               |
| REMARK:   | ND:NOT DETECTED<br>DETECTION LIMIT:5PPM<br>PPM = PARTS PER MILLION |          |        |               |

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**# END OF TEST REPORT #**

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