



**new balance**

## **RSL MANUAL**

**- VERSION 6.0, 2011**

*Use link to verify most current RSL Version:*

<http://www.newbalance.com/restrictedsubstanceprogram>





Dear Vendors,

New Balance Athletic Shoe Inc., its affiliates (collectively “New Balance” or “NB”) is committed to operate its business in an environmentally sustainable manner to protect the consumer, worker, environment, and the brand. **The New Balance Restricted Substance List (“RSL”) and Manual (“Manual”) - Version 6.0 (January 2011)** effective from April 2011, is an integral part of this commitment. The Restricted Substance List and compliance guidelines are intended to help users understand and comply with the Manual. The RSL and Manual must be shared with all vendors (both factories producing finished products and suppliers of raw materials and components) of products used in New Balance footwear, apparel, equipment, and accessories.

Each vendor is required to understand, agree to, comply with, and declare that the raw materials, component parts, chemicals, and sundries used and supplied or otherwise delivered to New Balance comply with the prohibitions, limitations and other provisions described or referred to in the RSL. The goals of New Balance RSL program are:

- To ensure that materials provided and methods used in manufacturing New Balance products comply with the strictest global legislation as regards to environment, health, and product safety.
- To prohibit or limit the use of all targeted substances in the RSL in all New Balance products
- To encourage its vendors to take a proactive stance in decreasing the environmental impacts of all products supplied to New Balance by:
  - Ensuring materials and components are non-toxic in use and disposal,
  - Using materials in manufacturing products which do not involve toxic releases or damage to ecosystems,
  - Strive to make materials from renewable and organic resources that are recyclable or biodegradable,
  - Manufacture product components and materials under the best environmental conditions.

Thank you for your cooperation in ensuring that New Balance products are compliant to the RSL requirement.

Sincerely,

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Exec V.P. Value Chain

Doug Hellyar  
COO Warrior Sports, Inc.

Ed Haddad  
V.P. Intellectual Properties & Licensed Products

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Exec. V.P. Apparel

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## 1. Corporate Requirements

### 1.1 RSL Version 6.0 Compliance Timeframe

The RSL and Manual Version 6.0 (January 2011) applies to all production orders manufactured from April 2011. Compliance with the standards contained in the Manual is mandatory for all New Balance products. The New Balance Restricted Substance List and Manual Version 5.0 (January 2010) will remain in effect through the end of March 2011.

### 1.2 New Balance Vendor Certificate of Acknowledgement (“COA”)

All New Balance vendors will be required to complete, sign and submit to New Balance a Certificate of Acknowledgement (“COA”) ([Appendix 1](#)). The COA is to be completed by a senior executive or manager. All fields must be completed without altering the document in any way. A signed COA is required in order to be an approved vendor to New Balance.

New Balance uses the COA to track receipt of New Balance’s RSL and Manual and the vendor’s commitment to comply with all requirements of the RSL and Manual for all materials supplied and used in all New Balance products. A COA is required whenever a new version of the NB RSL and Manual is issued. In the event of failure to comply with the RSL and Manual requirements, New Balance reserves the right to terminate all outstanding orders and cease doing future business with the vendor.

The signed COA constitutes a vendor’s understanding of its responsibilities regarding compliance. The signed COA must be sent to the New Balance Restricted Substance contacts specified on the COA within **two weeks** of receipt of the Manual.

### 1.3 Responsibilities

On an annual basis, the RSL and Manual will be updated by New Balance. Updates will occur on January 1<sup>st</sup> and are effective after March 31<sup>st</sup>. It is the responsibility of the vendor to review and comply with all updates to the RSL Manual. A signed COA demonstrates the vendor acknowledgement of New Balance’s RSL and Manual, understanding of the RSL and Manual, compliance to the RSL and Manual, and responsibilities under the RSL and Manual.

The vendor shall also allow, or as the case may be, obtain permission for an authorized representative of New Balance to inspect, at any time during normal business hours, any premises of the factory, vendor, and/or any



subcontractor where any New Balance products are developed, manufactured, or stored. The authorized representative may request samples of products or materials during such inspection.

Vendors must ensure all materials, components, and packaging materials shipped to factories for inclusion in New Balance products meet the RSL requirements. The materials must be tested according to the RSL to ensure compliance.

Factories are responsible for the production of New Balance products to meet the RSL requirements. Their manufacturing process must also be free of substances banned or limited by New Balance in production as defined in the Manufacturing RSL (“MRSL”) found in Section 4.5. In the cases where substances are found that are banned or limited from New Balance products, the factories are held liable for all loss and damage suffered by New Balance. New Balance reserves the right to reject products and materials that may contain, or may have come in contact with substances that are banned or limited for use in either the RSL or MRSL.

## 1.4 Testing Requirements

New Balance expects that all products will comply with the RSL requirements, and may request testing be conducted at any manufacturing stage including development, production, and/or finished products. The testing may be part of a routine testing schedule or random selection of samples.

In order to accomplish the goal of producing RSL compliant product, New Balance expects that vendors will:

- Test the items that New Balance identifies.
- Test additional items (of their own selection) to further their understanding of their production process, chemistries, and product content.



## 2. NB RSL Implementation & Audit

### 2.1 New Balance Initiated Routine Testing

Each quarter and/or season, New Balance will identify a list of all production quality materials by color and/or finished products that must be tested at its approved RSL testing laboratory.

Vendors shall promptly provide samples of pre-produced, unfinished or finished materials/products requested for testing to the laboratories. Samples should be sent with a completed **Test Request Form (“TRF”)** ([Appendix 2](#)), with the required RSL testing package or combination selected. New Balance only accepts test reports conducted to its RSL standards at a laboratory that has been audited and approved by a qualified NB RSL team or its nominated representatives. Vendors will be expected to pay for this testing.

A **Corrective Action Request Form (“CAR”)** ([Appendix 3](#)) must be completed by the vendor in the event of any RSL failure. New Balance expects an investigation into the source of failure. The details of the investigation should be reported on the CAR to the assigned New Balance RSL representative for approval. At a minimum it must contain information on the source of the failure, actions taken to quarantine current inventory and shipped products if any, action taken to prevent the failure in the future, project manager, and acknowledgement that these changes will be implemented for all future orders. Please see further instruction outlined in the Corrective Action request form. New Balance reserves its other rights set forth in the Manual in the event of an RSL failure.

### 2.2 Random Testing

New Balance reserves the right to randomly select and test product at any stage of production. New Balance will pay for this testing which is in addition to the routine quarterly testing. Any failures will be discussed with vendors in an attempt to discover and correct the cause using the CAR. The vendor will be responsible to pay for any material that fails the RSL random testing, costs associated with any product recalls, quarantine of failed materials, and logistics of collecting and returning failed products. New Balance reserves its other rights set forth in the Manual in the event of an RSL failure.

### 2.3 Vendor Initiated Testing

Vendors are encouraged to conduct internal tests to better understand their process and certify conformity to the NB RSL. For all samples which New Balance does not request test results every effort will be made to maintain confidentiality between laboratories and vendors. Vendors are encouraged to use the New Balance test request form provided for any vendor initiated testing.



### 3. Approved Laboratories

In ensuring that only high quality and safe products are produced, New Balance relies on the quality and authenticity of testing data from approved laboratories that have been audited and approved by New Balance. New Balance product groups are assigned to specific laboratories and locations for RSL testing as described below.

Product Division	Laboratories	
	Bureau Veritas	SGS
Footwear	☒	
Apparel & Accessories		☒
Equipment		☒
Other Categories	☒	

#### 3.1 Approved laboratory locations

These represent the laboratories/locations that have been approved for RSL testing. The list is subject to change without notice. Please check with your designated New Balance RSL contact for changes to approved laboratories and locations.

Bureau Veritas		
<b>Bureau Veritas Consumer Products Services Germany</b> Georg-Wilhelm Str. 183, D-21107 Hamburg/ W. – Hennemann - Str. 8 D-19061 Schwerin, Germany  Anika Blättrich T (49) 40 5302084-60 F (49) 40 5302084-80 E <a href="mailto:anika.Blaettrich@de.bureauveritas.com">anika.Blaettrich@de.bureauveritas.com</a>	<b>Bureau Veritas Consumer Products Services (Guangzhou) Co., Ltd</b> Block B, Mei Lin Plaza, No. 183 Shi Nan Road, Dong Chong, Panyu, Guangzhou, Guangdong Province, China  Alice Zhan T (86) 20 22902088 Ext 215 F (86) 20 34909303 E <a href="mailto:alice.zhan@cn.bureauveritas.com">alice.zhan@cn.bureauveritas.com</a>	<b>Bureau Veritas Hong Kong Limited</b> 1/F, Pacific Trade Centre 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong.  Frankie Chan / Florence Wan T (852) 2331 0756 / 2331 0523 F (852) 2331 0889 E <a href="mailto:nb.bvcpsenquiry.hkMail@hk.bureauveritas.com">nb.bvcpsenquiry.hkMail@hk.bureauveritas.com</a>
<b>Bureau Veritas Consumer Products Services (Shanghai)</b>  1/F,#5 Building, No.168 Guanghai Road, Zhuanqiao Town, Minhang, Shanghai China 201108  Mr. Roland Xue T (86)21- 2408 1906 F (86) 21- 6442 3711 / 6442 3712 E <a href="mailto:roland.xue@cn.bureauveritas.com">roland.xue@cn.bureauveritas.com</a>	<b>Bureau Veritas Consumer Products Services (H.K.) Ltd., Taiwan Branch</b>  No.37, Zhongyang S. Rd., Sec. 2, Beitou, Taipei 112, Taiwan  Ms. Angela Huang T +886-28905-241 F +886-2-2895-1958 E <a href="mailto:angela.huang@tw.bureauveritas.com">angela.huang@tw.bureauveritas.com</a> <a href="mailto:chemical.inquiry@tw.bureauveritas.com">chemical.inquiry@tw.bureauveritas.com</a>	<b>Bureau Veritas Consumer Products Services, Inc, USA</b>  100 Northpointe Parkway Buffalo, New York 14228, USA  Debby Dutch T Toll-free 1 800 277 3300 or (716) 505 3300 F (716) 505 3301 E <a href="mailto:Debby.Dutch@us.bureauveritas.com">Debby.Dutch@us.bureauveritas.com</a>



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## 3.2 Laboratories Responsibilities

- Train all technicians in the requirements and limits of the New Balance RSL and Manual Version 6.0 (January 2011).
- Test reports must be consistent and conform to the New Balance test reporting format to be valid. At a minimum it should contain the following:
  - Digital photographs of materials/components or products submitted for testing
  - Summary of tests performed with results by component tested
  - New Balance MAT# and style # for each New Balance specified material if available
  - Product category and description
  - Test evaluated using a;
    - PASS – meets all New Balance RSL test requirements for the required product category tests
    - FAIL – does not meet some or all of New Balance RSL test requirements for the required product category tests
    - Adult Only – fails children’s limits for RSL but pass all other limits
- Test reports must be input into the New Balance RSL database. PDF formats should be emailed to the:
  - New Balance report channel
  - Applicant
  - Relevant factory if applicable
- Hard copy of test report and invoice sent to applicant only
- Follow all agreed upon pricing between New Balance and approved testing laboratories

### 3.3 New Balance RSL Contacts

Contact	Region	Contact info	Product Groups			
			Footwear	Apparel & Accessories	Equipment	Other Categories
<b>Tex Moseri</b>	Global	<a href="mailto:tex.moseri@newbalance.com">tex.moseri@newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>John Doyle</b>	Global	<a href="mailto:john.doyle@newbalance.com">john.doyle@newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Gregory Montello</b>	Americas/EMEA	<a href="mailto:gregory.montello@newbalance.com">gregory.montello@newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Arun Upadhyay</b>	Americas/EMEA	<a href="mailto:arun.upadhyay@newbalance.com">arun.upadhyay@newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Lucy Zeng</b>	Asia	<a href="mailto:lucy.zeng@cn.newbalance.com">lucy.zeng@cn.newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Victor Zhang</b>	Asia	<a href="mailto:victor.zhang@cn.newbalance.com">victor.zhang@cn.newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Lesley Huang</b>	Asia	<a href="mailto:lesley.huang@cn.newbalance.com">lesley.huang@cn.newbalance.com</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Kelly Chen</b>	Asia	<a href="mailto:kelly.chen@cn.newbalance.com">kelly.chen@cn.newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Alicia Yang</b>	Asia	<a href="mailto:alicia.yang@cn.newbalance.com">alicia.yang@cn.newbalance.com</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Kiki Su</b>	Asia	<a href="mailto:kiki.su@warrior.com">kiki.su@warrior.com</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



## 4. New Balance Restricted Substances Requirement

The New Balance Restricted Substances Requirement reflects global regulation and legislation due to our rapid business expansion throughout the world. All New Balance products must comply with the applicable RSL.

- **Chemical Abstract Service # (CAS#):** A unique numeric identifier designated to one substance by the CAS registry
- **Restricted Substance:** Substance being limited/restricted for use
- **NB Maximum Limit:** Maximum allowable limit of the substance allowed in the finished products/components
- **Laboratory Minimum Detect Limit (MDL):** Minimum limit of the substance the laboratory can detect during testing
- **Test Method:** New Balance approved testing method
- **Manufacturing:** Applies to the factories manufacturing finished products e.g. footwear, apparel, equipment and accessories.

Vendors should refer to the table to determine that their products are in compliance with the NB Maximum limits for the restricted substances listed.

**PLEASE PROCEED TO THE NEXT PAGES FOR THE RESTRICTED SUBSTANCE LIST (RSL).**

## 4.1 NB Finished Product Restricted Substance List (RSL) – Part 1

The Restricted Substance List (RSL) applies to all New Balance products, including footwear, apparel, equipment and accessories.

Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Azo Dyes (Restricted 24 kinds of Azo-Amines)</b>					
No.	CAS No.	Substance	20 mg/kg for each amine	5 mg/kg	Textile/General: EN 14362-1:2003 Textile/Polyester: EN 14362-2:2003 Leather: ISO 17234-1:2010 4-Amino-azobenzene Confirmation: Textile: § 64 LFGB B 82.02-9:2006
1	92-67-1	4-Aminodiphenyl			
2	92-87-5	Benzidine			
3	95-69-2	4-chloro-o-toluidine			
4	91-59-8	2-naphthylamine			
5	97-56-3	o-aminoazotoluene			
6	99-55-8	5-nitro-o-toluidine			
7	106-47-8	4-chloroaniline			
8	615-05-4	4-methoxy-m-phenylenediamine			
9	101-77-9	4,4'-methylenedianiline			
10	91-94-1	3,3'-dichlorobenzidine			
11	119-90-4	3,3'-dimethoxybenzidine			
12	119-93-7	3,3'-dimethylbenzidine			
13	838-88-0	4,4'-methylenedi-o-toluidine			
14	120-71-8	6-methoxy-m-toluidine			
15	101-14-4	4,4'-methylene-bis-(2-chloro-aniline)			
16	101-80-4	4,4'-oxydianiline			
17	139-65-1	4,4'-thiodianiline			
18	95-53-4	o-toluidine			
19	95-80-7	4-methyl-m-phenylenediamine			
20	137-17-7	2,4,5-trimethylaniline			
21	90-04-0	o-anisidine			
22	60-09-3	4-aminoazobenzene			
23	95-68-1	2,4-Xylidine			
24	87-62-7	2,6-Xylidine			
25	62-53-3	Aniline (information only)			
<b>AP &amp; APEO</b>					
No.	CAS No.	Substance	AP:1000 mg/kg	100 mg/kg for each	THF/Methanol extraction, ACN precipitation and analysis by LC-MS.
1	25154-52-3	NP (Nonylphenol)			
2	27193-28-8	OP (Octylphenol)			
3	9016-45-9	NPEO (Nonylphenols ethoxylates)			
4	9002-93-1	OPEO (Octylphenol ethoxylates)	APEO:1000 mg/kg		



Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Carcinogenic Dyes (7 kinds):</b>					
No.	CAS No.	Substance	5 mg/L (in extract) for each dye	1 mg/L	DIN 54231:2005
1	3761-53-3	C.I. Acid red 26			
2	569-61-9	C.I. Basic Red 9			
3	632-99-5	C.I. Basic Violet 14			
4	1937-37-7	C.I. Direct Black 38			
5	2602-46-2	C.I. Direct Blue 6			
6	573-58-0	C.I. Direct Red 28			
7	82-28-0	C.I. Disperse Orange 11			
<b>Chromium (VI)</b>					
CAS No.		Substance	Not Detected	3 mg/kg	EN ISO 17075:2007
18540-29-9		Cr (VI)			
<b>Disperse Dyes (22 kinds)</b>					
No.	CAS No.	Substance	5 mg/L (in extract) for each dye	1 mg/L	Modification on DIN 54231:2005
1	2475-45-8	Disperse Blue 1			
2	2475-46-9	Disperse Blue 3			
3	3179-90-6	Disperse Blue 7			
4	3860-63-7	Disperse Blue 26			
5	56524-77-7/ 56524-76-6	Disperse Blue 35			
6	12222-97-8	Disperse Blue 102			
7	12223-01-7	Disperse Blue 106			
8	61951-51-7	Disperse Blue 124			
9	23355-64-8	Disperse Brown 1			
10	2581-69-3	Disperse Orange 1			
11	730-40-5	Disperse Orange 3			
12	13301-61-6	Disperse Orange 37/59/76			
13	85136-74-9	Disperse Orange 149			
14	119-15-3	Disperse Yellow 1			
15	2832-40-8	Disperse Yellow 3			
16	6373-73-5	Disperse Yellow 9			
17	6250-23-3	Disperse Yellow 23			
18	12236-29-2	Disperse Yellow 39			
19	54824-37-2	Disperse Yellow 49			
20	2872-52-8	Disperse Red 1			
21	2872-48-2	Disperse Red 11			
22	3179-89-3	Disperse Red 17			



Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Dimethyl Fumarate (DMFU)</b>					
CAS No.	Substance	Prohibit to be used	0.1 mg/kg	Extract with Organic solvent, and analysis by GC-MS.	
624-49-7	Dimethyl Fumarate				
<b>Exactable Heavy Metals (6 kinds)</b>					
No.	CAS No.	Substance			Extraction with synthetic perspiration solution according to EN ISO 105 E04, determination by ICP-MS or AAS.
1	7440-36-0	Antimony	Sb: 5.0 mg/kg	Sb 0.5 mg/kg	
2	7440-38-2	Arsenic	As: 0.2 mg/kg	As 0.02 mg/kg	
3	7439-92-1	Lead	Pb: 0.2 mg/kg	Pb 0.1 mg/kg	
4	7440-50-8	Copper	Cu: 25 mg/kg	Cu 5 mg/kg	
5	7440-47-3	Chromium	Cr: 1 mg/kg	Cr 0.1mg/kg	
6	7439-97-6	Mercury	Hg: 0.02 mg/kg	Hg 0.005 mg/kg	
<b>Flame Retardants</b>					
No.	CAS No.	Substance			Hexane extraction and analysis by GC-MS or LC-MS.
1	85535-84-4	Short Chain Chlorinated Paraffins (SCCP) (C10-C13)	1000 mg/kg	50 mg/kg	
2	59536-65-1	Polybromobiphenyls (PBB)	Not Detected	5 mg/kg	Toluene/Methanol extraction and analysis by GC-MS or LC-MS.
3	32534-81-9	Pentabromodiphenyl ether (PentaBDE)			
4	32536-52-0	Octabromodiphenyl ether (OctaBDE)			
5	1163-19-5	Decabromodiphenyl ether (DecaBDE)			
6	126-72-7	Tris-(2,3,-dibromopropyl)-phosphate (TRIS)			
7	5412-25-9	Bis (2,3-dibromopropyl)phosphate (BIS)			
8	545-55-1	Tris(1-aziridinyl)phosphine oxide (TEPA)			KOH or NaOH digestion followed by GC-MS headspace analysis for Ethyleneimine .



Restricted Substance		NB Maximum Limit	LAB MDL	Test Method	
<b>Formaldehyde</b>					
CAS No.	Substance	Children (0-12 years): 20 mg/kg  Adult: 75 mg/kg	20 mg/kg	Textile: ISO 14184-1:1998 (Free & Hydrolyzed formaldehyde)  Leather: ISO 17226-1:2008 Determination by HPLC.	
50-00-0	Formaldehyde				
<b>Formaldehyde Release</b>					
CAS No.	Substance	80 mg/kg	10 mg/kg	EN 717-3:1996 Wood-based panels - Formaldehyde Release.	
50-00-0	Formaldehyde				
<b>Nickel Release</b>					
CAS No.	Substance	Maximum release: 0.5 µg/cm <sup>2</sup> /week	0.05 µg/cm <sup>2</sup> /week for each	Qualitative test according to PD CR 12471:2006 Screening of Nickel Release. For <b>positive</b> results, confirmation according to: Nickel release: EN 1811:1998+A1:2008 Abrasion of coated items: EN 12472:2006.	
7440-02-0	Nickel				
<b>Organotin Compounds</b>					
No.	CAS No.	Substance	Sum of TBT & TPhT: 0.5 mg/kg  1.0 mg/kg  1.0 mg/kg  1000 mg/kg	0.02 mg/kg for each	Modification on ISO 17353:2004: Ethanol extraction, derivitization and analysis by GC-MS.
1	56573-85-4	Tributyltin (TBT)			
2	668-34-8	Triphenyltin (TPhT)			
3	1002-53-5	Dibutyltin (DBT)			
4	2273-43-0	Monobutyltin (MBT)			
5	3648-18-8	Diocetyl tin (DOT)			
<b>Odour Test</b>					
Odour Test for complete articles		≤Grade 2	N.A.	SNV 195 651 Criteria: Grade 1 - Odorless Grade 2 - Light Odor Grade 3 - Noticeable Grade 4 - Intense Grade 5 - Intolerable	



Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>PAHs (18 Kinds)</b>					
No.	CAS No.	Substance	Sum: 10 mg/kg BaP: 1 mg/kg	Benzo[e]pyrene: 0.5 mg/kg  Benzo[j]fluoranthene: 1.0 mg/kg  Others: 0.1 mg/kg	German ZEK 01.2-08
1	83-32-9	Acenaphthene			
2	208-96-8	Acenaphthylene			
3	120-12-7	Anthracene			
4	56-55-3	Benzo[a]anthracene			
5	50-32-8	Benzo[a]pyrene (BaP)			
6	205-99-2	Benzo[b]fluoranthene			
7	191-24-2	Benzo[ghi]perylene			
8	207-08-9	Benzo[k]fluoranthene			
9	218-01-9	Chrysene			
10	53-70-3	Dibenz[a,h]anthracene			
11	206-44-0	Fluoranthene			
12	86-73-7	Fluorene			
13	193-39-5	Indeno[1,2,3-cd]pyrene			
14	91-20-3	Naphthalene			
15	85-01-8	Phenanthrene			
16	129-00-0	Pyrene			
17	192-97-2	Benzo[e]pyrene			
18	205-82-3	Benzo[j]fluoranthene			
<b>Phenols (Chlorinated)</b>					
No.	CAS No.	Substance	5 mg/kg  Sum of all isomers: 5 mg/kg	1 mg/kg	LFGB § 64 BVL B 82.02.08:2001, Analysis by GC-MS.
1	87-86-5	Pentachlorophenol (PCP)			
2	25167-83-3	Tetrachlorophenol (TeCP)			
<b>PFOS/PFOA</b>					
No.	CAS No.	Substance	1 µg/m <sup>2</sup> for each	1 µg/m <sup>2</sup>	Methanol extraction, Analysis by LC-MS.
1	2795-39-3	Perfluorooctane sulphonate (PFOS)			
2	68141-02-6	Perfluorooctanoic acid (PFOA)			



Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Pesticides (34 kinds)</b>					
No.	CAS No.	Substance	Prohibit to be used	0.5 mg/kg	U.S. EPA Method: 8081B / 8151A
1	94-75-7	2,4-Dichlorophenoxyacetic acid and			
2	93-76-5	2,4,5-Trichlorophenoxyacetic acid			
3	93-72-1	2-(2,4,5-trichlorophenoxy) propionic			
4	116-06-3	Aldicarb			
5	309-00-2	Aldri			
6	57-74-9	Chlordane			
7	6164-98-3	Chlordimeorm			
8	72-54-8	Dichloro-diphenyl-dichloro ethane			
9	72-55-9	Dichloro-diphenyl-dichloro ethylene			
10	50-29-3	Dichloro-diphenyl-trichloro ethane			
11	115-32-2	Dicofol			
12	60-57-1	Dieldrin			
13	115-29-7	Endosulfan, $\alpha$ -			
14	33213-65-	Endosulfan, $\beta$ -			
15	72-20-8	Endrin			
16	76-44-8	Heptachlor			
17	1024-57-3	Heptachlor epoxide			
18	118-74-1	Hexachlorobenzene			
19	608-73-1	Hexachlorocyclohexane (HCH, all isomers)			
20	465-73-6	Isodrin			
21	4234-79-1	Kelevane			
22	143-50-0	Kepone (Chlordecone)			
23	58-89-9	Lindane			
24	121-75-5	Malathion			
25	72-43-5	Methoxychlor			
26	298-00-0	Methyl parathion			
27	2385-85-5	Mirex			
28	56-38-2	Parathion			
29	72-56-0	Perthane			
30	82-68-8	Quintozene			
31	8001-50-1	Strobane (Terpene polychlorinates)			
32	297-78-9	Telodrin			
33	57648-21-	Timiperone (DTTB)			
34	8001-35-2	Toxaphene			



Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Phthalates (8 kinds)</b>					
No.	CAS No.	Substance	Sum of 8 kinds Phthalates:  Children (0-12 years): 500 mg/kg  Adults: 1000 mg/kg	50 mg/kg for each	CPSC-CH-C1001-09.3  Confirmation by using HPLC-MS.
1	28553-12-0	Di-isononyl phthalate (DINP)			
2	117-81-7	Di(ethylhexyl) phthalate (DEHP)			
3	117-84-0	Di-n-octyl phthalate (DNOP)			
4	26761-40-0	Di-iso-decyl phthalate (DIDP)			
5	85-68-7	Butyl benzyl phthalate (BBP)			
6	84-74-2	Dibutyl phthalate (DBP)			
7	84-69-5	Di-n-hexyl phthalate (DnHP)			
8	84-75-3	Diisobutyl phthalate(DIBP)			
<b>PVC</b>					
CAS No.		Substance	Prohibit to be used	Negative/Positive	Beilsteins test –Chlorine Detection. (Positive results request FTIR tests.)
9002-86-2		Polyvinyl chloride		10% for FTIR Test	Infrared Analysis – Spectroscopy (IR).
<b>Total Heavy Metals</b>					
No.	CAS No.	Substance	100 mg/kg	5 mg/kg	Total Digestion – Microwave digestion, ICP-OES/MS analysis.  For Metals– Hot Plate digestion.  For positive results of Mercury, confirmation test conducted according to IEC 62321:2008 and analyzed with AAS.
1	7440-43-9	Cadmium			
2	7439-92-1	Lead			
3	7439-97-6	Mercury	90 mg/kg	5 mg/kg	
			10 mg/kg	0.1 mg/kg	



Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Volatile Organic Compounds (VOC)</b>					
No.	CAS No.	Substance			
1	71-43-2	Benzene	5 mg/kg	5 mg/kg	Headspace GC-MS
2	108-95-2	Phenol	10 mg/kg		
3	108-88-3	Toluene	1000 mg/kg		
4	79-01-6	Trichloroethylene	1000 mg/kg		
5	127-18-4	Tetrachloroethylene	1000 mg/kg		
6	75-09-2	Dichloromethane	1000 mg/kg		
7	68-12-2	Dimethyl formamide (DMF)	1000 mg/kg		
8	50-00-0	Formaldehyde	1000 mg/kg		
9	<u>Tetrachloroethane:</u>		1000 mg/kg		
	630-20-6	1,1,1,2-Tetrachloroethane	1000 mg/kg		
	79-34-5	1,1,1,2-Tetrachloroethane	1000 mg/kg		
10	<u>Xylene:</u>		1000 mg/kg		
	95-47-6	o-xylene	1000 mg/kg		
	108-38-3	m-xylene	1000 mg/kg		
	106-42-3	p-xylene	1000 mg/kg		
11	<u>Cresol (Methylphenole)</u>		1000 mg/kg		
	95-48-7	o-cresol	1000 mg/kg		
	108-39-4	m-cresol	1000 mg/kg		
	106-44-5	p-cresol	1000 mg/kg		
<b>Blue Colorant</b>					
CAS No.	Substance		Prohibit to be used	10 mg/kg	Methanol extraction and LC-MS analysis.
118685-33-9	Component 1: C <sub>39</sub> H <sub>23</sub> ClCrN <sub>7</sub> O <sub>12</sub> S <sub>2</sub> Na				
Not Allocated	Component 2: C <sub>46</sub> H <sub>30</sub> CrN <sub>10</sub> O <sub>20</sub> S <sub>2</sub> ·3Na				

## 4.2 NB Finished Product Restricted Substance List (RSL) – Part 2

The substances listed in below table are not commonly found in footwear, apparel, equipment and accessories, but they are also prohibited by New Balance. The vendor should make sure to comply with the restrictions in this section.

Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Asbestos</b>					
<b>No.</b>	<b>CAS No.</b>	<b>Substance</b>	Not Detected	1 % for each	Microscopic examination; minimum magnification 1-250, polarized light filter attached; ratio of fiber length to diameter is at least 3:1
1	77536-66-4	Actinolite			
2	12172-73-5	Amosite			
3	77536-67-5	Anthrophyllite			
4	12001-29-5	Chrysotile			
5	12001-28-4	Crocidolite			
6	77536-68-6	Tremolite			
<b>Bisphenol A</b>					
<b>CAS No.</b>	<b>Substance</b>		Not Detected	2 mg/kg	DCM/Acetone/ACN or THF/ACN/ACN: Water extraction, analysis by LC-MS.
80-05-7	Bisphenol A				
<b>Halogenated biphenyls &amp; Terphenyls</b>					
<b>No.</b>	<b>CAS No.</b>	<b>Substance</b>	Not Detected (defined as < 100 mg/kg)	50 mg/kg	US EPA 3550B / 8082A Hexane: Acetone (1:1) extraction followed by GC/MS or GC/ECD analysis.
1	Various	Polychlorinated Biphenyls (PCBs)			
2		Polychlorinated Terphenyls (PCTs)			
<b>Dioxins &amp; Furans</b>					
<b>No.</b>	<b>CAS No.</b>	<b>Substance</b>	Sum: 1 µg/kg	0.1 µg/kg per item listed for each Dioxin and Furan	US EPA 8290
1	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin			
	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin			
	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran			
	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran			
2	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	Sum of Group 1 & 2: 5 µg/kg	0.1 µg/kg per item listed for each Dioxin and Furan	US EPA 8290
	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin			
	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin			
	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran			
	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran			
	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran			
	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran			
	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran			
3	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Sum of Group 1, 2 & 3: 100 µg/kg	0.1 µg/kg per item listed for each Dioxin and Furan	US EPA 8290
	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin			
	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran			
	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran			
39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran				
4	50585-41-6	2,3,7,8-Tetrabromodibenzo-p-dioxin	Sum: 1 µg/kg	0.1 µg/kg per item listed for each Dioxin and Furan	US EPA 8290
	109333-34-8	1,2,3,7,8-Pentabromodibenzo-p-dioxin			
	67933-57-7	2,3,7,8-Tetrabromodibenzofuran			
	131166-92-2	2,3,4,7,8-Pentabromodibenzofuran			

Continue on next page



Restricted Substance			NB Maximum Limit	LAB MDL	Test Method
<b>Dioxins &amp; Furans</b>					
No.	CAS No.	Substance	Sum of Group 4 & 5: 5 µg/kg		
5	107555-93-1 no CAS #'s available	1,2,3,4,7,8-Hexabromodibenzo-p-dioxin 1,2,3,7,8,9-Hexabromodibenzo-p-dioxin 1,2,3,6,7,8-Hexabromodibenzo-p-dioxin 1,2,3,7,8-Pentabromodibenzofuran			
<b>Fluorinated Greenhouse Gases (As defined by EC No 842/2006)</b>					
No.	CAS No.	Substance	Not Detected	0.1 mg/kg	Headspace GC-MS
1	2551-62-4	Sulphur hexafluoride - SF6			
<b>Hydrofluorocarbons (HFC's):</b>					
1	75-46-7	HFC-23 - CHF3			
2	75-10-5	HFC-32 - CH2F2			
3	593-53-3	HFC-41 - CH3F			
4	138495-42-8	HFC-43-10mee - C5H2F10			
5	354-33-6	HFC-125 - C2HF5			
6	359-35-3	HFC-134 - C2H2F4			
7	811-97-2	HFC-134a - CH2FCF3			
8	75-37-6	HFC-152a - C2H4F2			
9	420-46-2	HFC-143 - C2H3F3			
10	470-46-6	HFC-143a - C2H3F3			
11	431-89-0	HFC-227ea - C3HF7			
12		HFC-236cb - CH2FCF2CF3			
13	431-63-0	HFC-236ea - CHF2CHF3			
14	690-39-1	HFC-236fa - C3H2F6			
15	679-86-7	HFC-245ca - C3H3F5			
16	460-73-1	HFC-245fa - CHF2CH2CF3			
17	406-58-6	HFC-365mfc - CF3CH2CF2CH3			
<b>Perfluorocarbons (PFC's):</b>					
1	75-73-0	Perfluoromethane - CF4			
2	76-16-4	Perfluoroethane - C2F6			
3	76-19-7	Perfluoropropane - C3F8			
4	355-25-9	Perfluorobutane - C4F10			
5	67-8-26-2	Perfluoropentane - C5F12			
6	355-42-0	Perfluorohaxane - C6F14			
7	115-25-3	Perfluorocyclobutane - c-C4F8			

### 4.3 New Balance RS Requirement on Packaging Materials

Packaging materials include but not limited to hangtags, tissue paper, stuffing paper, inserts, tape, labels, boxes, bags. All packaging materials used for New Balance products must comply with the RS requirement on packaging materials (refer to below table).

<b>NB RS Requirement on <u>Packaging Materials</u></b>			
<b>Restricted Substance</b>	<b>NB Maximum Limit</b>	<b>LAB MDL</b>	<b>Test Method</b>
<b>CONEG (TPCH) Heavy Metals:</b> Cadmium Lead Mercury Chromium VI	Total Sum of all metals: 100 mg/kg	5 mg/kg for each	Total content: Microwave digestion with nitric acid, analysis by ICPMS.  Cr (VI) verification: Alkaline mixtures digestion and analysis by UV-VIS spectrophotometer.
PVC	Prohibit to be used	-	-
Silica Gel	Prohibit to be used	-	-
Dimethyl Fumarate (CAS No. : 624-49-7)	0.1 mg/kg	0.1 mg/kg	Extract with Organic solvent, and analysis by GC-MS.

### 4.4 New Balance RS Requirement on Toys

New Balance guidelines on toys are “a version of a sporting goods and/or athletic equipment that cannot be used for actual play, coaching and practice sessions of an actual sport”. Products not classified as a toy are in general sporting goods and/or athletic equipment. Items identified as a toy must meet the requirements of **CPSIA, EN 71, ASTM F963** and other regulations regarding to toys.



## 4.5 New Balance Manufacturing Restricted Substance List (MRSL)

The MRSL applies to the chemicals used in the processes of materials or manufacturing of finished products for New Balance. Chemicals on the “MRSL” are classified as two groups (A & B). The chemicals listed in Group A, which usually can be easily substituted with more environment friendly ones, must be eliminated during the manufacture of New Balance products. For the chemicals listed in group B, which are not technically feasible to be eliminated yet, vendors should make every effort to minimize the exposure to workers, environment and customers.

Each factory must document any chemicals used in the manufacturing process on a Chemical Information List (“CIL”) ([Appendix 4](#)). Chemicals on the CIL must meet the RSL requirements. Chemicals not documented on the CIL should not be used in the manufacture of NB products. The manufacturing facilities are responsible for sharing this MRSL with their chemical vendors to ensure chemicals procured are in compliance to the RSL and MRSL.

New Balance expects that this list be adhered to as part of the requirements for RSL compliance for the vendors. This list is part of New Balance’s commitment to manufacturing New Balance products in an environmentally sustainable manner to protect the consumer, worker, environment and the brand.

**PLEASE PROCEED TO THE NEXT PAGE FOR THE MRSL.**



**New Balance Manufacture Restricted Substances List (MRSL)**

**Group A**

<b>CAS #</b>	<b>Restricted Substance</b>	<b>Synonyms</b>	<b>Common Potential Uses</b>
1319-77-3 108-39-4 95-48-7 106-44-5	Cresol m-Cresol o-Cresol p-Cresol	Cresylic Acid	Nylon and plastic primers and resins
68-12-2	Dimethyl formamide	DMF	Solvent or cleanser
50-00-0	Formaldehyde	Formic aldehyde	Solvent cleanser, anti-shrinkage resin, mold inhibitor
75-09-2	Dichloromethane	DCM	Solvent or cleanser
108-95-2	Phenol	Carbolic acid, phenyl alcohol, phenyl hydroxide	Solvent in primers, adhesives and resins for nylon and plastic
127-18-4	Tetrachloroethylene	Perchloroethylene, PERC	Solvent or cleansers
71-55-6	1,1,1-trichloroethane	1,1,1 – TCA, methyl chloroform	Solvent or Cleansers
108-88-3	Toluene	Methylbenzene	Solvent in primers, adhesives, paints and inks
1330-20-7	Xylene – all isomers	o,m,p-xylene	Solvent in primers, adhesives, paints and inks
67-66-3	Trichloromethane (67-66-3)	Chloroform	Solvent or cleanser
79-00-5	1,1,2-Trichloroethane	Vinyl trichloride	Solvent or cleanser
75-35-4	1,1-Dichloroethylene	1,1-dichloroethene	Solvent or cleanser
110-54-3	n-hexane	Hexane	Solvent or cleanser
872-50-4	n-methyl pyrrolidone	NMP, 1-methyl-2-pyrrolidinone	Solvent or cleanser
71-43-2	Benzene	Benzol, phenyl hydride	Solvent or cleanser
84-74-2	Di-n-butyl Phthalates (DNP)	Phthalic Acid etc.	Plasticizers, solvents
100-41-4	Ethylbenzene	Phenylethane	Solvent or cleanser
Various	Trichlorobenzene - all isomers	TCB	Solvent or cleanser

**Group B**

111-76-2	Ethylene glycol monobutyl ether	EGBE/Butyl cellusolve	Solvent or cleanser
101-14-4	4,4'-methylenebis (2-chloraniline)	MOCA	Press Pad
127-19-5	N,N-Dimethylacetamide	DMAC	Solvent in primers, adhesives and resins
67-68-5	Dimethyl sulfoxide	DMSO	Solvent or cleanser
584-84-9 91-08-7	2,4-Toluene diisocyanate 2,6-Toluene diisocyanate	TDI	Activator in some polyurethane foams
79-01-6	Trichloroethylene	TCE	Solvent or cleanser



Ozone Depleting Substances should NOT be used in any process and manufacturing due to their strong destroy of the ozone layer, which may cause the significant threaten of human and environment.

CAS #	Restricted Substance	Synonyms	Common Potential Uses
Various	Class I and II Ozone Depleting Substances	Chlorofluorocarbon-11 (CFC-11) Chlorofluorocarbon-12 (CFC-12) Chlorofluorocarbon-13 (CFC-13) Chlorofluorocarbon-111 (CFC-111) Chlorofluorocarbon-112 (CFC-112) Chlorofluorocarbon-113 (CFC-113) Chlorofluorocarbon-114 (CFC-114) Chlorofluorocarbon-115 (CFC-115) Chlorofluorocarbon-211 (CFC-211) Chlorofluorocarbon-212 (CFC-212) Chlorofluorocarbon-213 (CFC-213) Chlorofluorocarbon-214 (CFC-214) Chlorofluorocarbon-215 (CFC-215) Chlorofluorocarbon-216 (CFC-216) Chlorofluorocarbon-217 (CFC-217) Carbon Tetrachloride (Tetrachloromethane) Halon-1211 Halon-1301 Halon-2402 Methyl Bromide Methyl Chloroform (1,1,1-Trichloroethane) Hydrochlorofluorocarbon-21 (HCFC-21) Hydrochlorofluorocarbon-22 (HCFC-22) Hydrochlorofluorocarbon-31 (HCFC-31) Hydrochlorofluorocarbon-121 (HCFC-121) Hydrochlorofluorocarbon-122 (HCFC-122) Hydrochlorofluorocarbon-123 (HCFC-123) Hydrochlorofluorocarbon-124 (HCFC-124) Hydrochlorofluorocarbon-131 (HCFC-131) Hydrochlorofluorocarbon-132 (HCFC-132) Hydrochlorofluorocarbon-133 (HCFC-133) Hydrochlorofluorocarbon-141 (HCFC-141) Hydrochlorofluorocarbon-142 (HCFC-142) Hydrochlorofluorocarbon-221 (HCFC-221) Hydrochlorofluorocarbon-222 (HCFC-222) Hydrochlorofluorocarbon-223 (HCFC-223) Hydrochlorofluorocarbon-224 (HCFC-224) Hydrochlorofluorocarbon-225 (HCFC-225) Hydrochlorofluorocarbon-226 (HCFC-226) Hydrochlorofluorocarbon-231 (HCFC-231) Hydrochlorofluorocarbon-232 (HCFC-232) Hydrochlorofluorocarbon-233 (HCFC-233) Hydrochlorofluorocarbon-234 (HCFC-234) Hydrochlorofluorocarbon-235 (HCFC-235) Hydrochlorofluorocarbon-241 (HCFC-241) Hydrochlorofluorocarbon-242 (HCFC-242) Hydrochlorofluorocarbon-243 (HCFC-243) Hydrochlorofluorocarbon-244 (HCFC-244) Hydrochlorofluorocarbon-251 (HCFC-251) Hydrochlorofluorocarbon-252 (HCFC-252) Hydrochlorofluorocarbon-253 (HCFC-253) Hydrochlorofluorocarbon-261 (HCFC-261) Hydrochlorofluorocarbon-262 (HCFC-262) Hydrochlorofluorocarbon-271 (HCFC-271)	Solvent & Cleanser



## 4.6 CPSIA

In August 2008, the US Congress enacted the Consumer Product Safety Improvement Act (CPSIA), which requires manufacturers of domestic and imported children's products to test and certify their products to ensure they meet specific product safety requirements. New Balance has established an internal program to assure CPSIA compliance. Vendors are responsible to ensure their materials/products provided to New Balance are in compliance with the CPSIA.

## 4.7 REACH

The European Chemical Legislation REACH (**R**egistration, **E**valuation, **A**uthorization and **R**estriction of **C**hemical substances) has been in force since 1<sup>st</sup> of June 2007. It repeals and replaces Directive 76/769/EEC with effect from 1 June 2009. Its Annex XVII replaces Annex I to Directive 76/769/EEC and SVHC (*Substances of Very High Concern*) have been identified and included in the Annex XIV (the list of substances subject to authorization).

The objective of REACH is to ensure a high level of safety for human health and the environment. The communication requirements of REACH ensure that not only manufacturers and importers but also their customers, i.e. downstream users and distributors, have the information they need to use products safely.

Vendors are responsible to continuously review the updates of Annex XVI, Annex XVII and SVHC candidates list to make sure that all the materials/products provided to New Balance are in compliance with the REACH requirements. Please refer to below link to access the REACH information

[http://ec.europa.eu/environment/chemicals/reach/reach\\_intro.htm](http://ec.europa.eu/environment/chemicals/reach/reach_intro.htm)

New Balance may randomly initiate SVHC (*Substances of Very High Concern*) tests in materials and finished products.

## 4.8 Material Requirement

### Elimination of Polyvinyl Chloride (PVC)

PVC containing materials must not be used. New Balance products are screened during testing to ensure compliance with this requirement. Any detection of PVC is deemed as a violation of New Balance efforts to ban the use of PVC in its products.

### Avoidance of Natural Latex

Natural Latex may not be used in any New Balance products. Use of Natural Latex is deemed as a violation of New Balance efforts to ban the use of Natural Latex in its products.



## 5. Footwear RSL Process & Testing Guidance

All materials used in New Balance footwear manufacturing processes must be in compliance with all RSL requirements. This section provides information on the test material types commonly used in New Balance footwear, the NB RSL quarterly approach, identifying samples for testing and testing requirements, reason codes and factory Chemical Information List (CIL). The test material types as listed in the New Balance test request form are:

- Leather
  - Coated leather
  - Synthetic leather
  - Polymer (EVA, TPU, rubber, sole, foam, latex, thermo soles, etc.)
  - Textile
    - Synthetic
    - Natural
    - Blends
  - Ink, paint, pigment, print
  - Chemicals (Primer, Cement, shoe cream etc.)
  - Metals
  - Paperboard (insole)
  - Packaging material; including but not limited to tissue, insert, hangtag, box, label, carton etc. (tested to New Balance Packaging RSL limits and restrictions)
  - Material package
  - Full Shoe
- 
- **Core Test: Mandatory Test for applicable material types;**
  - **Optional Test: Vendors are encouraged to test these items when applicable.**



**NEW BALANCE MATERIAL RSL TEST PACKAGE REQUIREMENT - FOOTWEAR**

Test Items	Leather	Coated Leather	Synthetic Leather	Polymer (EVA, TPU, rubber, sole, foam, latex, thermo soles, etc.)	Textiles			Ink, paint, pigment, print	Chemicals (*6) (Primer, Cement, shoe cream etc.)	Metals	Paperboard (Insole)	Packaging material	Material Package (*5)
					Synthetic	Natural	Blends						
1. AZO Dyes (*1)	●	●	○		●	●	●	○			○		
2. Chromium VI (*2)	●	●											
3. CONEG (TPCH) Heavy Metals												●	
4. Total Heavy Metals	●	●	●	●	○	○	○	●	○	●	●		
5. Disperse Dyes (*1)					●		●						
6. Formaldehyde	●	●	●		●	●	●				●		
7. AP & APEO	●	●	●	●	●	●	●	●	●				
8. Nickel Release (*2)										●			
9. Organotins		●	●	●		○		●	●				
10. PCP & TeCP	●	●				●	●				●		
11. Phthalates		●	●	●				●	●				
12. PAHs				●(*3)									
13. VOC (*2)								●(*4)	●(*4)				
14. PVC (*2)		○	○	○				○	○				
15. PFOS/PFOA (*2)	● Only for materials with water repellent functions												
Material Sample size requirement	20-30 g/ 2 pieces A4			20-30 g/ 2 pieces A4	20-30 g/ 3 pieces A4			30 g/ 100ml	30 g/ 100ml	10 g/ 5 pieces	20 g/ 2 pieces A4	5 g/ 1 pieces A4	20-30 g/ 3 pieces A4
Full Shoe Testing	Adult: 2 pairs of shoes + raw material of small parts						Kids: 3 pairs + raw material of small parts						
Remark: ● Core Test ○ Optional Test *1. White and transparent materials exempted. *2. Composite testing is not allowed. *3. For rubber material only. *4. For solvent-based only. *5. For material package, test item of each involved components should be considered. *6. For the chemicals consist of only solvents (e.g. cleanser), just test for VOC.													

**Note:** Based on the NB RSL approved testing laboratories, testing cost for each requirement has been established (provided by your RS Contacts). Vendors acknowledge agreement and responsibility for payment for each package test required by filling out the New Balance Test Request Form ([Appendix 2A](#)).



## 5.1 Guidelines for Submitting Samples for New Balance Initiated Quarterly RSL Test

This guideline is intended to simplify the RSL process for sample requirements, prompt and complete RSL test results, data analysis and scorecard generation for vendors and efficiency in promoting materials for production in the New Balance 20/20 system.

### 5.1.1 NB Quarterly Approach:

Footwear RSL management is based on a quarterly testing approach. Each quarter, the list of materials by color and factory that will be used in all styles is developed and passed to the RSL team. The RSL team uses the list to approve materials using the NB RSL reason codes that have already been tested, and requests RSL testing for items that have not already been tested. The RSL team will advise vendors of the number of their materials by color, which needs to be tested for the quarter. The vendor is responsible for arranging payments for testing at the approved RSL laboratories. The factory RSL team will obtain and prepare production quality samples for RSL testing, fill out the NB Quarterly Test Request Form ([Appendix 2A](#)), and send materials to a NB approved RSL testing laboratory for testing. The results will be sent to the vendor, the factory, and the RSL teams. All materials used to manufacture NB footwear must be RSL approved before they can be used.

Testing scorecards are developed quarterly on each vendor based on test results and sent to the factories and development teams. The scorecards will be reviewed quarterly and NB reserves the right to cease doing business with vendors that fail RSL testing.

### 5.1.2 NB RSL Material Approval Reason Codes:

Material approval for RSL is based on reason codes, which determines the type of RSL approval for each material item by color. The following reason codes are currently used by the NB RSL team for quarterly approval of materials that will be used in production:

- Direct Test (DT): Test reports of a test performed to a specific NB MAT # and color
- Composite Test (CT): Tests reports obtained through composite testing of materials of various colors
- Base Chemical (BC): Test report of same base chemical or material e.g. TPU pellet etc
- Comparison Test (CP): Defined as same chemical & material type of the same material with minor modification (e.g. plain weave to twill or basket weave, rib knit to other knit types)
- Material/Product Certification (CM): Certification of a vendor's material/components for RSL compliance. The certification must be easily verifiable and meet all NB RSL requirements to be accepted. Random material testing will be conducted to verify that the vendor is able to continuously produce products that comply with the NB RSL.
- Certified Suppliers (CS): Reason codes for suppliers certified by the NB RSL team.



### **5.1.3 Requirements for Vendors:**

- To test samples, completely fill out the New Balance Footwear RSL Test Request Form ([Appendix 2A](#))
- Send samples along with the completed New Balance Footwear RSL Test request forms in a timely manner when requested to a New Balance approved RSL laboratory

### **5.1.4 Preparing Samples for testing:**

- Collect production quality sample
- Each sample must fulfill the minimum sample size requirement
- Place individual sample in plastic bag tied securely
- Label each wrapped sample plastic bag with the NB MAT No.
- Fill out the NB Test Request Form completely. Forms must include NB MAT No.
- Send to Approved NB RSL testing laboratories

### **5.1.5 RSL Test Data Handling:**

- Vendors will get a copy of the test reports for the materials/colors that testing is required (See testing flow)
  - In the case of a failed test, New Balance expects an investigation into the source of the failure by the vendor to include: source of failure, chemical name, where currently used, action taken to prevent reoccurrence, and acknowledgement that the changes will be implemented. The details of the investigation must be documented in the New Balance RSL Corrective Action Request (CAR) form ([Appendix 3A](#)). New Balance reserves its other rights set forth in the Manual in the event of an RSL failure.
- Factories will get a copy of test reports for samples assigned in their quarterly test plan
- Factories will get a copy of test reports for full shoe testing
- New Balance will use the test reports to
  - generate vendor scorecards and other evaluation reports
  - determine whether materials meet all NB RSL and thus be used for production
  - determine whether finished shoe meets all NB RSL requirement and thus be shipped to the customer

### **5.1.6 Corrective Action Request Form (CAR)**

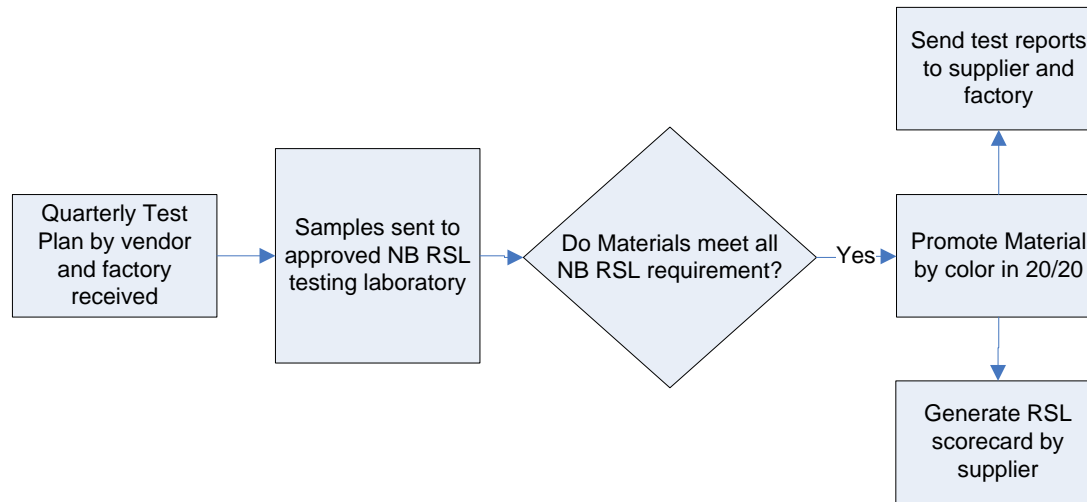
The CAR (Appendix 3A) is used to document root cause analysis for any RSL failure. NB expects an investigation into the source of any RSL failures and such failures documented on the CAR to include: source of failure, chemical name, where currently used, action taken to prevent reoccurrence, and acknowledgement that changes to prevent reoccurrence will be implemented.

The form must be submitted to New Balance for approval before any retesting is done. Part of the requirement for an approved CAR is that materials will be picked up again for random testing at any stage of production to verify that the



vendor is able to sustain all corrective actions documented in the CAR. The vendor is responsible for the cost of this random test. Vendors are required to fill out a CAR for any item that fails the RSL.

**New Balance Footwear RSL Testing Flow:**



**5.2 Testing Rules and Frequency**

This section provides guidance regarding product testing to the NB RSL requirements.

**5.2.1 Material Testing**

All materials, by color, and factory origin, used in New Balance products must be compliant to the most current RSL. Material is defined as production quality materials that represent the vendor’s control capabilities and consistency in reproducing the material for New Balance products. Material testing will follow the quarterly testing plan approach as shown in the New Balance footwear RSL testing flow chart:

- All materials used in New Balance products must be RSL approved.
- Only production quality materials are allowed for NB RSL testing.
- Samples for RSL testing will be taken from the factory.
- Only RSL approved materials in 20/20 can be used for production of any New Balance product.
- Vendors are responsible for cost of the quarterly routine RSL test.
- Test reports are valid for one year.



### 5.2.2 Repeat Orders

- All materials/components are subject to a yearly retest.
- Materials will be selected randomly for audit testing.

### 5.2.3 Random Testing

New Balance will select materials/components or finished products at random for RSL testing. In the case of failure this test result supersedes any test results related to the same color in the 20/20 database.

## 5.3 Soles (midsoles, outsoles, components, pigments & misc. chemicals)

The soles for all NB footwear must be manufactured to meet all NB finished product RSL requirements. In addition, sole manufacturers must make sure that no substances in the Manufacturing RSL are used in the production of soles for NB footwear. All chemicals used in production must be managed through a Chemical Information List (CIL) that allows for traceability.

Sole manufacturers must ensure that the following heavy metals (Cadmium, Lead, Mercury, Arsenic, and Chromium) are not introduced into the manufacturing process of soles. In the event where they are incidentally found, they must meet all requirements for finished product RSL.

Soles will be tested quarterly as well as randomly to ensure compliance to the NB RSL requirement. The vendor is responsible for the cost of all testing excluding the audit tests.

In the event that a product fails and is recalled for sole issues, the vendor is responsible for all costs associated with any such recalls including but not limited to: transportation, cancelled orders, quarantine and destruction of failed products.

No sole unit will be allowed to ship when found to be in violation of the NB RSL. All products which include that sole unit must be destroyed and costs for finished goods with the sole unit will be passed on to the sole manufacturer. The manufacturer must fill out the New Balance Footwear RSL Failure Corrective Action Form ([Appendix 3A](#)) and submit for approval before any sole production for NB products can resume.



## 6. Apparel & Accessories RSL Process and Testing Guidance

All materials used in New Balance apparel & accessories and related factory manufacturing processes must be in compliance with the NB RSL requirement.

This section provides information on the test material types commonly used in New Balance apparel & accessories, NB RSL yearly/seasonal testing approach, identifying samples for testing and testing requirements. Vendors are responsible for the cost of yearly/seasonal test. Test reports are valid for one year.

New Balance reserves the right to conduct random audits during production. Items that do not meet the RSL requirements during these audits will not be allowed to ship. New Balance will be responsible for payments for these audits except where it is necessitated by a corrective action.

Common Material types for apparel that may be tested include but not limited to:

- Leather
  - Coated leather
  - Synthetic leather
  - Polymer (rubber, foam, plastic etc.)
  - Textile
    - Synthetic
    - Natural
    - Blends
  - Ink, paint, pigment, print
  - Chemicals ((Cleanser, Cement, etc.)
  - Metals
  - Packaging material; including but not limited to tissue, insert, hangtag, box, label, carton etc. (tested to New Balance Packaging RSL limits and restrictions)
- **Core Test: Mandatory Test for applicable material types;**
- **Optional Test: Vendors are encouraged to test these items when applicable.**



## NEW BALANCE MATERIAL RSL TEST PACKAGE REQUIREMENT - APPAREL

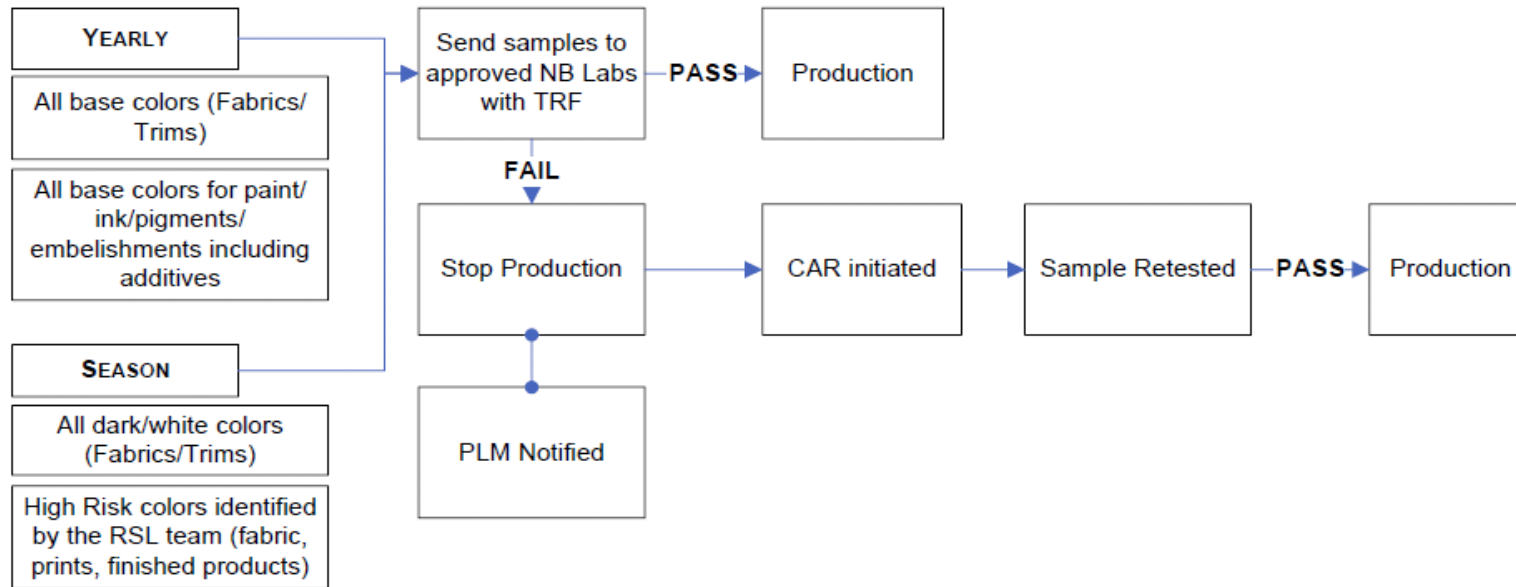
Test Items	Leather	Coated Leather	Synthetic Leather	Polymer (Rubber, foam, plastics, etc.)	Textiles			Printing/Coating	Chemicals (*5) (Cleanser, Cement, etc.)	Metals	packaging material
					Synthetic	Natural	Blends				
1. AZO Dyes (*1)	●	●	○		●	●	●	○			
2. Chromium VI (*2)	●	●									
3. CONEG (TPCH) Heavy Metals											●
4. Extractable Heavy Metals					●	●	●				
5. Total Heavy Metals	●	●	●	●	○	○	○	●		●	
6. Disperse Dyes (*1)					●		●				
7. Carcinogenic Dyes (*1)	○	○			○	○	○				
8. Formaldehyde	●	●	●		●	●	●				
9. Flame Retardants					○	○	○				
10. AP & APEO	●	●	●	●	●	●	●	●	●		
11. Nickel Release (*2)										●	
12. Organotins		●	●	●		○		●	●		
13. PCP & TeCP	●	●				●	●				
14. Phthalates		●	●	●				●	●		
15. PAHs				● (*3)							
16. VOC (*2)									● (*4)		
17. PVC (*2)		○	○	○				○			
18. Pesticides (*2)						○	○				
19. PFOS/PFOA (*2)	● For materials with water repellent functions										
Material Sample size requirement	20-30 g/ 2 pieces A4			20-30 g/ 2 pieces A4	20-30 g/ 3 pieces A4	20-30 g/ 3 pieces A4	20-30 g/ 3 pieces A4	20 g/ 2 pieces A4	30 g/ 100ml	10 g/ 5 pieces	10 g/ 2 pieces A4
Finish Product Testing	2 pieces or 1 set of product										
Remark: ● Core Test ○ Optional Test *1. White and transparent materials exempted. *2. Composite testing is not allowed. *3. For rubber material only. *4. For solvent-based only. *5. For the chemicals consist of only solvents (e.g. cleanser), just test for VOC.											

**Note:** Based on the NB RSL approved testing laboratories, testing cost for each requirement has been established (provided by your RS Contacts). Vendors acknowledge agreement and responsibility for payment for each package test required by filling out the New Balance Test Request Form (Appendix 2B).



## 6.1 Apparel Testing Process

### Approved Sources<sup>1</sup>



Vendors in this category are responsible for arranging and following up on audits for RSL compliance. All follow-up corrective action plans are the responsibility of the vendors. New Balance reserves the right to inspect anytime during business hours as it sees fit.

<sup>1</sup> Refers to vendors audited and approved for RSL compliance. The audit is conducted by the RSL team or their assigned agents.



## YEARLY

Yearly testing will begin each time the RSL is updated typically in January. At the release of the updated RSL, vendors will have until the end of February to complete the base color yearly testing requirements. Samples sent for testing must be accompanied by an Apparel Test Request Form ([Appendix 2B](#)). In the event of failures a Corrective Action Request “CAR” ([Appendix 3B](#)) must be submitted following the CAR process.

Base colors are those from which other colors used in the manufacturing process are derived. The number of colors and tests may vary by vendor. All additives used must be RSL compliant. Testing must be conducted at NB approved testing laboratories and to NB determined standards and test methods.

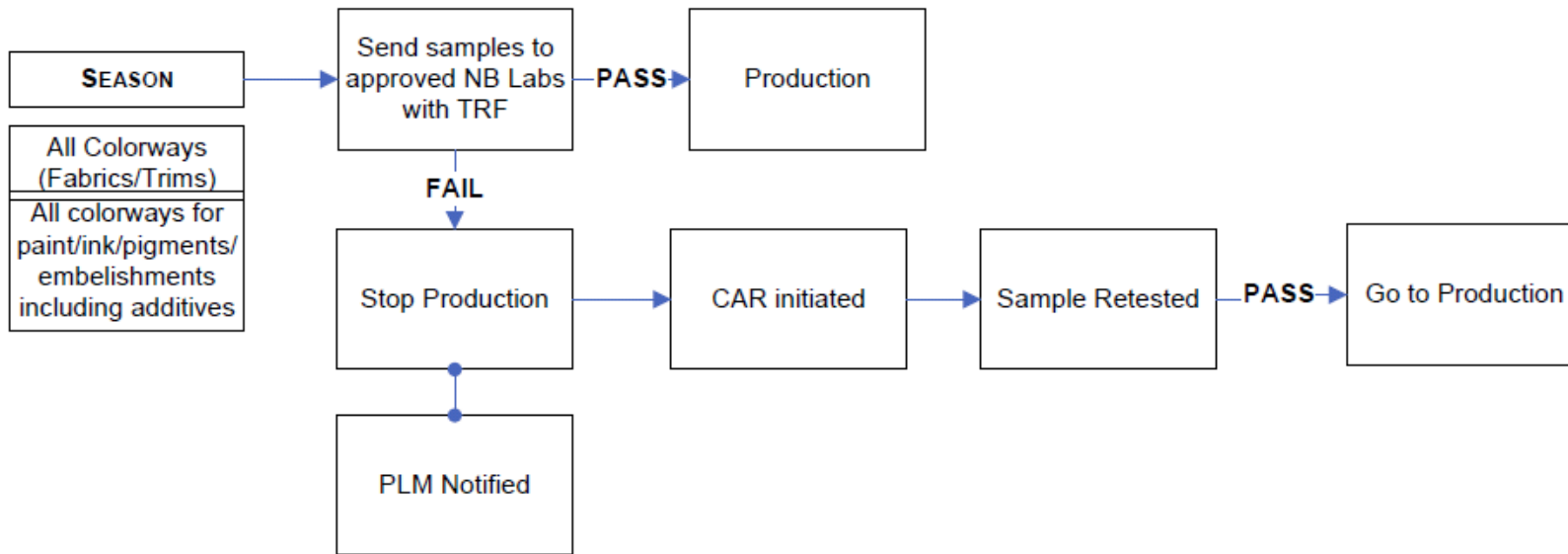
## SEASON

Each season, materials described as dark and white will need to be tested. As well, the RSL team will review color palette and determine high risk colors that will need testing for both prints and finished products. Samples sent for testing must be accompanied by an Apparel Test Request Form (Appendix 2B). In the event of failures a Corrective Action Request “CAR” (Appendix 3B) must be submitted following the CAR process.

The Vendors are responsible for providing samples in a timely manner to ensure testing is complete before full production.



**Other Sources<sup>2</sup>**



**SEASON**

All items from vendors classified for RSL as Other Sources will need to be tested for RSL compliance in all color ways. Testing must be completed at the approved NB laboratories and to NB standards before full production. Samples sent for testing must be accompanied by an Apparel Test Request Form ([Appendix 2B](#)). In the event of failures a Corrective Action Request “CAR” ([Appendix 3B](#)) must be submitted following the CAR process.

<sup>2</sup> Refers to vendors not yet audited and approved for RSL compliance.



## 7. Equipment RSL Process and Testing Guidance

All materials used in New Balance Equipment products and factory manufacturing processes must be in compliance with the NB RSL requirement. This section provides information on the test material types commonly used in New Balance Equipment, NB RSL yearly/seasonal testing approach, identifying samples for testing and testing requirements.

Common Material types for Equipment that may be tested include but not limited to:

- Leather
  - Coated leather
  - Synthetic leather
  - Polymer
    - Rigid Plastic (PP, ABS, EPP, PE, Carbon Fiber etc.)
    - Flexible Plastics (EVA, Foam, Rubber, TPU, etc.)
  - Textile
    - Synthetic
    - Natural
    - Blends
  - Ink, paint, pigment, print
  - Chemicals (Cleanser, Cement, etc.)
  - Metals
  - Wood/Cork
  - Packaging material; including but not limited to tissue, insert, hangtag, box, label, carton etc. (tested to New Balance Packaging RSL limits and restrictions)
- 
- **Core Test: Mandatory Test for applicable material types;**
  - **Optional Test: Vendors are encouraged to test these items when applicable.**



## NEW BALANCE MATERIAL RSL TEST PACKAGE REQUIREMENT - EQUIPMENT

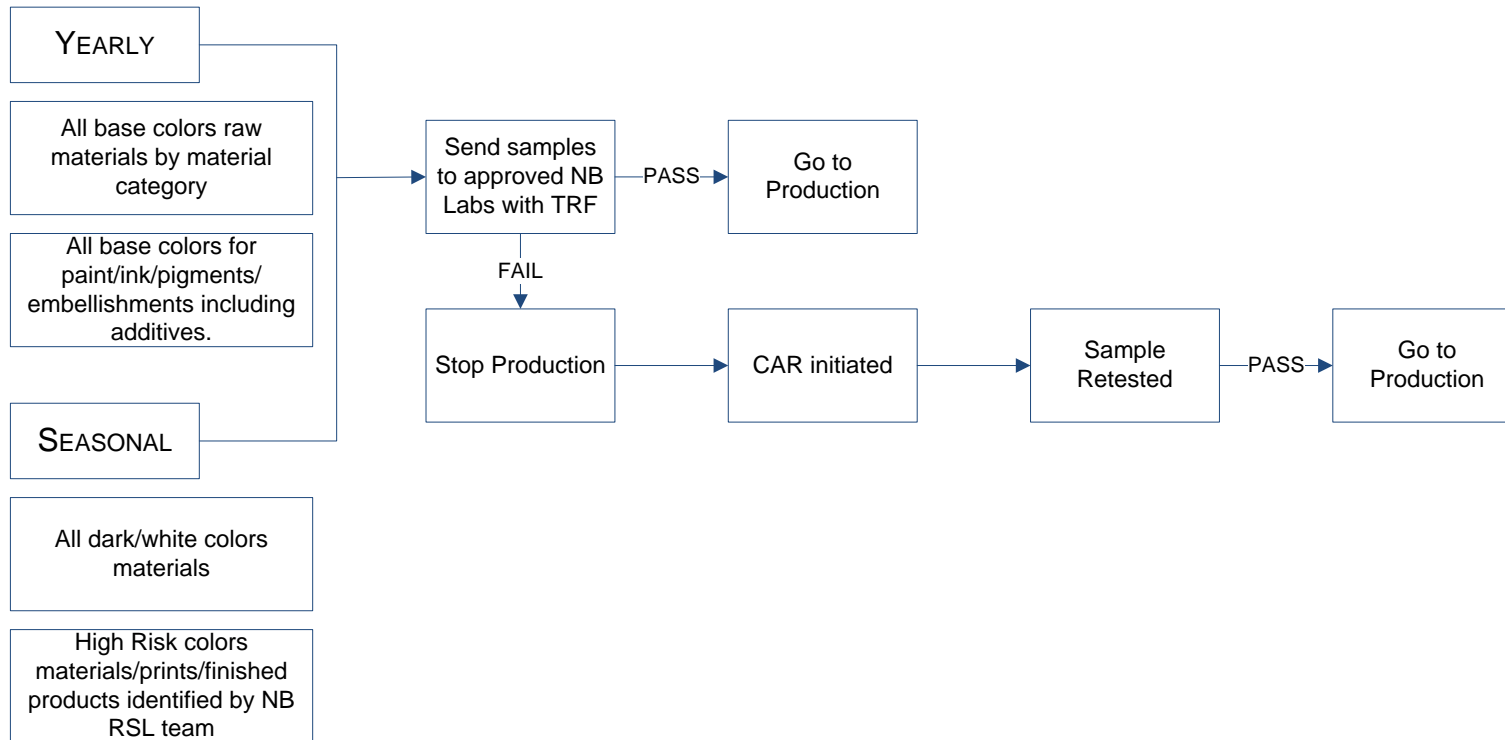
Test Items	Leather	Coated Leather	Synthetic Leather	Polymer		Textiles			Ink, paint, pigment, print	Chemicals (*5) (Cleanser, Cement, Primer, etc.)	Metals	Wood/Cork	Packaging material
				Rigid Plastic (PP, ABS, EPP, PE, Carbon Fiber etc.)	Flexible Plastics (EVA, Foam, Rubber, TPU, etc.)	Synthetic	Natural	Blends					
1. AZO Dyes (*1)	●	●	○			●	●	●	○				
2. Chromium VI (*2)	●	●											
3. CONEG (TPCH) Heavy Metals													●
4. Total Heavy Metals	●	●	●	●	●	○	○	○	●		●		
5. Disperse Dyes (*1)						●		●					
6. Formaldehyde	●	●	○			●	●	●					
7. Formaldehyde release												●	
8. AP & APEO	●	●	●		●	●	●	●	●	●			
9. Nickel Release (*2)											●		
10. Organotins		●	●	●	●				●	●			
11. PCP & TeCP	●	●					●	●				●	
12. Phthalates		●	●		●				●	●			
13. PAHs					●(*3)								
14. VOC (*2)									●(*4)	●(*4)			
15. PVC (*2)		●	●		●				○				
16. PFOS/PFOA (*2)	● For materials with water repellent functions												
Material Sample size requirement	20-30 g/ 2 pieces A4			10 g/ 1 pieces A4	20-30 g/ 2 pieces A4	20-30 g/ 3 pieces A4			30 g/ 100ml	30 g/ 100ml	10 g/ 5 pieces	65 g	10 g/ 2 pieces A4
Finished Product Testing	2 pieces or 1 set of finished product												
Remark: ● Core Test ○ Optional Test *1. White and transparent materials exempted. *2. Composite testing is not allowed. *3. For rubber material only. *4. For solvent-based only. *5. For the chemicals consist of only solvents (e.g. cleanser), just test for VOC.													

**Note:** Based on the NB RSL approved testing laboratories, testing cost for each requirement has been established (provided by your RS Contacts). Vendors acknowledge agreement and responsibility for payment for each package test required by filling out the New Balance Test Request Form ([Appendix 2C](#)).



## 7.1 Equipment Testing Process

### Approved Sources<sup>3</sup>



Vendors in this category are responsible for arranging and following up on audits for RSL compliance. All follow-up corrective action plans are the responsibility of the vendors. New Balance reserves the right to inspect anytime during business hours as it sees fit.

<sup>3</sup> Refers to vendors audited and approved for RSL compliance. The audit is conducted by the RSL team or their assigned agents.

*This Manual contains confidential information intended only for use by New Balance Athletic Shoe Inc., its affiliates and their approved vendors.*



## YEARLY

Yearly testing will begin each time the RSL is updated typically in January. At the release of the updated RSL, Vendors will have until the end of February to complete the base color yearly testing requirements. Samples sent for testing must be accompanied by an Equipment Test Request Form ([Appendix 2C](#)). In the event of failures a Corrective Action Request "CAR" ([Appendix 3C](#)) must be submitted following the CAR process. Vendors are responsible for the cost of this test. Test reports are valid for one year.

Base colors are those from which other colors used in the manufacturing process are derived. The number of colors and tests may vary by vendors. All additives used must be RSL compliant. Testing must be conducted at NB approved testing laboratories and to NB determined standards and test methods.

New Balance reserves the right to conduct random audits during production. Items that do not meet the RSL requirements during these audits will not be allowed to ship. New Balance will be responsible for payments for these audits except where it is necessitated by a corrective action.

## SEASONAL

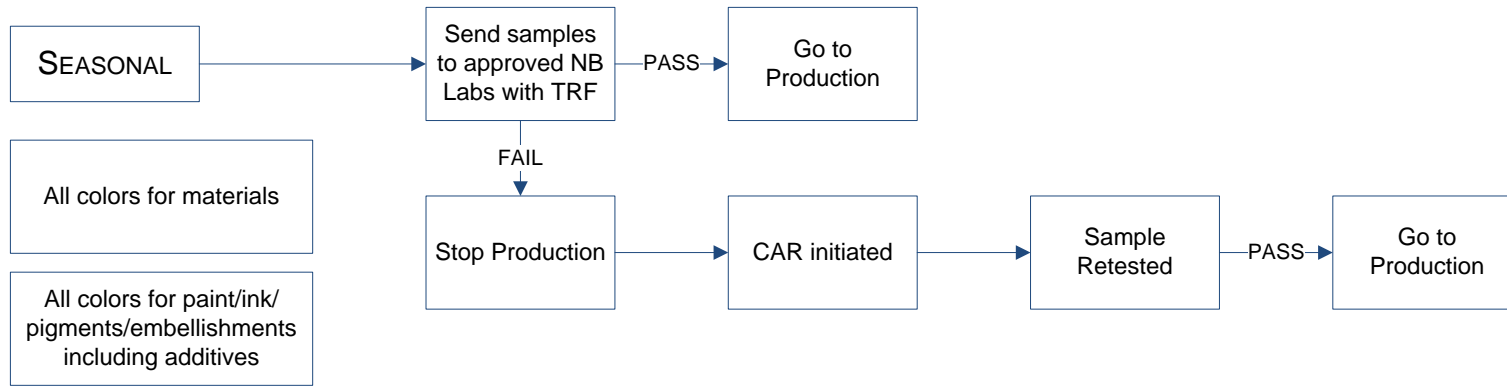
Each season, materials described as dark and white will need to be tested. As well, the RSL team will review color palette and determine high risk colors that will need testing for both prints and finished products. Samples sent for testing must be accompanied by an Equipment Test Request Form (Appendix 2C). In the event of failures a Corrective Action Request "CAR" (Appendix 3C) must be submitted following the CAR process. Vendors are responsible for the cost of this test. Test reports are valid for one year.

The Vendors are responsible for providing samples in a timely manner to ensure testing is complete before full production.

New Balance reserves the right to conduct random audits during production. Items that do not meet the RSL requirements during these audits will not be allowed to ship. New Balance will be responsible for payments for these audits except where it is necessitated by a corrective action.



Other Sources<sup>4</sup>



SEASON

All items from vendors classified for RSL as Other Sources will need to be tested for RSL compliance in all colorways. Testing must be completed at the approved NB laboratories and to NB standards before full production. Samples sent for testing must be accompanied by an Equipment Test Request Form ([Appendix 2C](#)). In the event of failures a Corrective Action Request “CAR” ([Appendix 3C](#)) must be submitted following the CAR process. Vendors are responsible for the cost of this test. Test reports are valid for one year.

New Balance reserves the right to conduct random audits during production. Items that do not meet the RSL requirements during these audits will not be allowed to ship. New Balance will be responsible for payments for these audits except where it is necessitated by a corrective action.

<sup>4</sup> Refers to vendors not yet audited and approved for RSL compliance.



## 8. Environmentally Preferred Materials

In the case of recycled materials, a tier testing process (development, production, and repeat orders) might be needed to qualify for RSL compliance to reduce the risk of contaminants that may be present in the finished product due to the varying differences in recycled stock feeds.

## 9. Factory Chemical Information List (CIL)

The CIL is required for all factories producing New Balance footwear, apparel and other products. All chemicals, inks, paints, solvents, primers, adhesives, and auxiliaries, must be identified and listed on the CIL. The items must meet all NB RSL and must be tested to assure compliance. The standard format for the CIL is attached in Appendix 4. The CIL will be audited periodically by New Balance or its appointed representatives. In the event that items are found within the production process not listed on the CIL, New Balance reserves the right to direct production be stopped until such item can be proved to be in compliance with all New Balance RSL through RSL testing, reviewing of the item Material Safety Data Sheet (MSDS), and finished product testing.

Factories are responsible for all subcontractors' CIL and must assure that items used in production by their subcontractors are RSL approved and managed on a CIL. The factory must ensure traceability of all chemical used and documented on the CIL to a Purchase Order Number for three years.

The factory must ensure that those substances listed in the New Balance Manufacturing RSL ("[MRSL](#)") are not introduced into production of New Balance products.



## Appendix 1: Certificate of Acknowledgement (COA)

The undersigned hereby acknowledges receipt of the New Balance Restricted Substance List (“RSL”). The RSL is intended for the control and monitoring of restricted substances and to certify that the products purchased by New Balance Athletic Shoe, Inc. or any of its affiliates or customers (collectively, “New Balance”) or any materials purchased by manufacturers of New Balance products will comply with the RSL, which may be amended from time to time. The Version 6.0 (January 2011) is the official document for all raw materials and finished products from April 2011.

The undersigned agrees to be held liable for all loss and damage suffered by New Balance should restricted substances in excess of the relevant limits be found in any of the materials, components or products supplied by the undersigned. The undersigned confirms that it has been specifically informed by New Balance about the content of the RSL Manual and hereby agrees to comply with all requirements contained therein.

Please first list your primary business name and address, and then any additional business operations & locations that might do business with New Balance. You are acknowledging your acceptance of the RSL for all of your business operations by signing this document.

**Acknowledged and Agreed:**

Primary Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Other Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Other Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Other Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name and Title: \_\_\_\_\_  
(Please Print)

Send to: RS Program Manager  
New Balance Athletic Shoe Inc.  
190 Merrimack Street  
Lawrence, MA 01843

Email in PDF format to: [Environmental.ProgramOffice-US@newbalance.com](mailto:Environmental.ProgramOffice-US@newbalance.com)



## Appendix 2A: Footwear - RSL Test Request Form

Please fill form (completely) in English

### APPLICANT INFORMATION

Company Name:	Contact Person	
Address	Telephone No.	
Fax	Email	

### BILLING INFORMATION

Company Name:	Contact Person	
Address	Telephone No.	
Fax	Email	

### SAMPLE INFORMATION

Material Name_Color Key	Quarter/Season	
Material Description	Color(s)	
Material Supplier (if different from the applicant)	Material Type	
Style No.	Country of Origin	
Age Group	<input type="checkbox"/> Adults <input type="checkbox"/> Children (0-12 years old)	
<b>Comment</b>		

### TESTING INFORMATION

<b>Test Sample:</b> <input type="checkbox"/> Composite Test	<b>Sample Type:</b> <input type="checkbox"/> Upper <input type="checkbox"/> Sole <input type="checkbox"/> Others		
<b>Test Category:</b> <input type="checkbox"/> Quarterly Test <input type="checkbox"/> Random Audit Test <input type="checkbox"/> CAR Test <input type="checkbox"/> Supplier Internal <input type="checkbox"/> CPSIA <input type="checkbox"/> REACH			
<b>Test Group (Please select the material type)</b>	<b>Test Request</b>	<b>Sample Size Requirement (Min.)</b>	
<input type="checkbox"/> Leather	<input type="checkbox"/> All Core Tests <b>Or Selected Tests:</b> <input type="checkbox"/> Azo Dyes <input type="checkbox"/> AP & APEO <input type="checkbox"/> Carcinogenic Dyes <input type="checkbox"/> Chromium (VI) <input type="checkbox"/> Disperse Dyes <input type="checkbox"/> Extractable Heavy Metals <input type="checkbox"/> Formaldehyde <input type="checkbox"/> Heavy Metals for packaging <input type="checkbox"/> Nickel Release <input type="checkbox"/> Organotin <input type="checkbox"/> PAH <input type="checkbox"/> Phthalates <input type="checkbox"/> PCP/TeCP <input type="checkbox"/> PFOS/PFOA <input type="checkbox"/> PVC Screening <input type="checkbox"/> Total Heavy Metals <input type="checkbox"/> VOC	20-30 g/ 2 pieces A4	
<input type="checkbox"/> Coated Leather		<input type="checkbox"/> Others, please specify the material type: _____ _____	20-30 g/ 3 pieces A4
<input type="checkbox"/> Synthetic Leather (PU)			30 g/ 100ml
<input type="checkbox"/> Polymer (EVA, TPU, Rubber, Foam, Latex, Thermo sole, etc.)			30 g/ 100ml
<input type="checkbox"/> Natural Textile			10 g/ 5 pieces
<input type="checkbox"/> Synthetic Textile			20 g/ 2 pieces A4
<input type="checkbox"/> Blending Textile			10 g/ 2 pieces A4
<input type="checkbox"/> Ink, paint, pigment and print			20-30 g/ 3 pieces A4
<input type="checkbox"/> Chemicals (Primer, Cement, shoe cream etc.)			Adult: 2 pairs of shoes + Raw materials; Children: 3 pairs of shoes + Raw materials.
<input type="checkbox"/> Metal			
<input type="checkbox"/> Paperboard			
<input type="checkbox"/> Packaging Material			
<input type="checkbox"/> Material Package			
<input type="checkbox"/> Full Shoe			
<input type="checkbox"/> Others, please specify the material type: _____ _____			<input type="checkbox"/> Others, please specify requested tests: _____

**Sample Preparation Guidelines:**

- Collect production quality sample
- Each sample must fulfill the minimum sample size requirement
- Place individual sample in plastic bag with secure tie
- Label the NB MAT NO. on the sample
- Fill out the NB Test Request Form completely, including NB\_MAT NO.
- Each sample must be sent together with this TRF to the RSL designated Lab.

Service Required:	<input type="checkbox"/> Regular (5 working days)	<input type="checkbox"/> Express (Surcharge: 40%) (3 working days)	<input type="checkbox"/> Super-express (1 working days)
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SUPPLIER SIGNATURE AND COMPANY STAMP:

DATE:



## Appendix 2B: Apparel - RSL Test Request Form

Please fill form (completely) in English.

APPLICANT INFORMATION			
Company Name:		Contact Person	
Address		Telephone No.	
Fax		Email	
BILLING INFORMATION			
Company Name:		Contact Person	
Address		Telephone No.	
Fax		Email	
SAMPLE INFORMATION			
Description		Quarter/Season	
Name_Color ID		Color(s)	
Composition		Article No.	
Country of Origin		Factory & Contact	
Age Group	<input type="checkbox"/> Adults <input type="checkbox"/> Children (0-12 years old)		
Comment			
TESTING INFORMATION			
<b>Test Sample:</b> <input type="checkbox"/> Composite Test			
<b>Test Category:</b> <input type="checkbox"/> Quarterly/Seasonal Test <input type="checkbox"/> Random Audit Test <input type="checkbox"/> CAR Test <input type="checkbox"/> Supplier Internal <input type="checkbox"/> CPSIA <input type="checkbox"/> REACH			
Test Group (Please select the material Type)	Test Request	Sample Size Requirement (Min.)	
<input type="checkbox"/> Leather	<input type="checkbox"/> All Core Tests  <b>Or Selected Tests:</b> <input type="checkbox"/> Azo Dyes <input type="checkbox"/> AP & APEO <input type="checkbox"/> Chromium (VI) <input type="checkbox"/> Carcinogenic Dyes <input type="checkbox"/> Disperse Dyes <input type="checkbox"/> Extractable Heavy Metals <input type="checkbox"/> Formaldehyde <input type="checkbox"/> Heavy Metals for packaging <input type="checkbox"/> Nickel Release <input type="checkbox"/> Organotin <input type="checkbox"/> PAH <input type="checkbox"/> Phthalates <input type="checkbox"/> PCP/TeCP <input type="checkbox"/> PFOS/PFOA <input type="checkbox"/> PVC Screening <input type="checkbox"/> Total Heavy Metals <input type="checkbox"/> VOC	20-30 g/ 2 pieces A4	
<input type="checkbox"/> Coated Leather			
<input type="checkbox"/> Synthetic Leather (PU)		20-30 g/ 3 pieces A4	
<input type="checkbox"/> Polymer (Rubber, Foam, Latex, Plastic etc.)			
<input type="checkbox"/> Natural Textile			
<input type="checkbox"/> Synthetic Textile		30 g/ 100ml	
<input type="checkbox"/> Blending Textile			
<input type="checkbox"/> Printing/Coating		30 g/ 100ml	
<input type="checkbox"/> Chemicals (Cleanser, Cement, etc.)			
<input type="checkbox"/> Metals		10 g/ 5 pieces	
<input type="checkbox"/> Packaging Material			
<input type="checkbox"/> Finished Products	10 g/ 2 pieces A4		
<input type="checkbox"/> Others, please specify the material type: _____			
	<input type="checkbox"/> Others, please specify requested tests: _____		
<b>Sample Preparation Guidelines:</b> <ul style="list-style-type: none"> <li>Collect production quality sample</li> <li>Each sample must fulfill the minimum sample size requirement</li> <li>Place individual sample in plastic bag with secure tie</li> <li>Label the NB MAT NO. on the sample</li> <li>Fill out the NB Test Request Form completely, including NB_MAT NO.</li> <li>Each sample must be sent together with this TRF to the RSL designated Lab.</li> </ul>			
Service Required:	<input type="checkbox"/> Regular (5 working days)	<input type="checkbox"/> Express (Surcharge: 40%) (3 working days)	<input type="checkbox"/> Super-express (1 working days)
SUPPLIER SIGNATURE AND COMPANY STAMP:			
DATE:			



## Appendix 2C: Equipment - RSL Test Request Form

Please fill form (completely) in English

APPLICANT INFORMATION			
Company Name:		Contact Person	
Address		Telephone No.	
Fax		Email	
BILLING INFORMATION			
Company Name:		Contact Person	
Address		Telephone No.	
Fax		Email	
SAMPLE INFORMATION			
Sample Description		Color(s)	
Ref Code		Material Type	
Material Vendor (if different from the applicant)		Country of Origin	
Product/Style No.		Warrior Purchase PO#	
Sample Order	<input type="checkbox"/> Raw Material <input type="checkbox"/> Finished Product <input type="checkbox"/> Retest (previous report no. <span style="border: 1px solid black; display: inline-block; width: 30px; height: 15px;"></span> )		
Age Group	<input type="checkbox"/> Adults <input type="checkbox"/> Children (0-12 years old)		
Comment			
TESTING INFORMATION			
<b>Test Sample:</b> <input type="checkbox"/> Composite Test			
<b>Test Category:</b> <input type="checkbox"/> Quarterly/Seasonal Test <input type="checkbox"/> Random Audit Test <input type="checkbox"/> CAR Test <input type="checkbox"/> Supplier Internal <input type="checkbox"/> CPSIA <input type="checkbox"/> REACH			
Test Group (Please select the material type)	Test Request	Sample Size Requirement (Min.)	
<input type="checkbox"/> Leather	<input type="checkbox"/> All Core Tests <b>Or Selected Tests:</b>	20-30 g/ 2 pieces A4	
<input type="checkbox"/> Coated Leather			
<input type="checkbox"/> Synthetic Leather (PU)	<input type="checkbox"/> Azo Dyes <input type="checkbox"/> AP & APEO <input type="checkbox"/> Chromium (VI) <input type="checkbox"/> Carcinogenic Dyes <input type="checkbox"/> Disperse Dyes <input type="checkbox"/> Extractable Heavy Metals <input type="checkbox"/> Formaldehyde <input type="checkbox"/> Heavy Metals for packaging <input type="checkbox"/> Nickel Release <input type="checkbox"/> Organotin <input type="checkbox"/> PAH <input type="checkbox"/> Phthalates <input type="checkbox"/> PCP/TeCP <input type="checkbox"/> PFOS/PFOA <input type="checkbox"/> PVC Screening <input type="checkbox"/> Total Heavy Metals <input type="checkbox"/> VOC	20-30 g/ 3 pieces A4	
<input type="checkbox"/> Polymer - Rigid Plastic (PP, ABS, EPP, PE, Carbon Fiber, etc.)			
<input type="checkbox"/> Polymer – Flexible Plastic (Foam, Rubber, TPU, EVA, etc.)			
<input type="checkbox"/> Natural Textiles			
<input type="checkbox"/> Synthetic Textiles			
<input type="checkbox"/> Blending Textiles			
<input type="checkbox"/> Ink, paint, pigment and print			
<input type="checkbox"/> Chemicals (Primer, Cement, Cleanser, etc.)			
<input type="checkbox"/> Metal			
<input type="checkbox"/> Wood/Cork			
<input type="checkbox"/> Packaging Material	30 g/ 100ml		
<input type="checkbox"/> Finished Product			
<input type="checkbox"/> Others, please specify the material type: _____	<input type="checkbox"/> Others, please specify requested tests: _____		
<input type="checkbox"/> Others, please specify the material type: _____			
<b>Sample Preparation Guidelines:</b> <ul style="list-style-type: none"> <li>Collect production quality sample</li> <li>Each sample must fulfill the minimum sample size requirement</li> <li>Place individual sample in plastic bag with secure tie</li> <li>Label the NB MAT NO. on the sample</li> <li>Fill out the NB Test Request Form completely, including NB_MAT NO.</li> <li>Each sample must be sent together with this TRF to the RSL designated Lab.</li> </ul>			
Service Required:	<input type="checkbox"/> Regular (5 working days) <input type="checkbox"/> Express (Surcharge: 40%) (3 working days) <input type="checkbox"/> Super-express (Surcharge: 100% 1 working days)		
SUPPLIER SIGNATURE AND COMPANY STAMP: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 20px;"></span>			
DATE: <span style="border: 1px solid black; display: inline-block; width: 50px; height: 20px;"></span>			



### Appendix 3A: Footwear - RSL Corrective Action Request (CAR)

Supplier Name & address:	NB MAT No:	Color tested:	Laboratory tested:	Date tested:
Contact Person Name & email:	Test Report #:	RSL Failure Item:	Failure Number:	NB RSL Limit:
Factory Supplied to & Qty Supplied:		CAS#:	Material/Component/Product description:	

Why is this chemical used in your process?

Were you aware that this chemical was in the RSL?

What is your action plan & timetable to correct this problem (include all actions that will be implemented for production to prevent failures in the future. What is the chemical replacement or production process change to ensure NB RSL compliance)?

Who will be responsible to manage the action plan and communicate back to New Balance?

**Signature:**

**Date:**

Submit form for approval to your designated RS contact person. (See the contact info. on the Page 11 of NB RSL and Manual-Version 6)

By signing this document, the vendor acknowledges that their material/component and/or product have been found to be non-compliant with the NB RSL. Also, if approved to retest after implementation of corrective action, the vendor will be responsible for the cost of the audit test to ensure that the corrective action is being sustained.



**Appendix 3B: Apparel - RSL Corrective Action Request (CAR)**

Supplier Name & address:	Ref Code:	Color tested:	Laboratory tested:	Date tested:
Contact Person Name & email:	Test Report #:	RSL Failure Item:	Failure Number:	NB RSL Limit:
Factory Supplied to & Qty Supplied:		CAS#:	Material/Component/Product description:	

Why is this chemical used in your process?

Were you aware that this chemical was in the RSL?

What is your action plan & timetable to correct this problem (include all actions that will be implemented for production to prevent failures in the future. What is the chemical replacement or production process change to ensure NB RSL compliance)?

Who will be responsible to manage the action plan and communicate back to New Balance?

**Signature:**

**Date:**

Submit form for approval to your designated RS contact person. (See the contact info. on the Page 11 of NB RSL and Manual-Version 6)

By signing this document, the supplier acknowledges that their material/component and/or product have been found to be non-compliant with the NB RSL. Also, if approved to retest after implementation of corrective action, the supplier will be responsible for the cost of the audit test to ensure that the corrective action is being sustained.



**Appendix 3C: Equipment - RSL Corrective Action Request (CAR)**

Supplier Name & address:	Ref Code:	Color tested:	Laboratory tested:	Date tested:
Contact Person Name & email:	Test Report #:	RSL Failure Item:	Failure Number:	NB RSL Limit:
Factory Supplied to & Qty Supplied:		CAS#:	Material/Component/Product description:	

Why is this chemical used in your process?

Were you aware that this chemical was in the RSL?

What is your action plan & timetable to correct this problem (include all actions that will be implemented for production to prevent failures in the future. What is the chemical replacement or production process change to ensure NB RSL compliance)?

Who will be responsible to manage the action plan and communicate back to New Balance?

**Signature:**


**Date:**

Submit form for approval to your designated RS contact person. (See the contact info. on the Page 11 of NB RSL and Manual-Version 6)

By signing this document, the supplier acknowledges that their material/component and/or product have been found to be non-compliant with the NB RSL. Also, if approved to retest after implementation of corrective action, the supplier will be responsible for the cost of the audit test to ensure that the corrective action is being sustained.



## Appendix 4: New Balance Chemical Information List (CIL) Template

 <b>New Balance Chemical Information List (CIL)</b>								
<b>Factory Name:</b>			<b>Maintained by:</b>			<b>NB Auditor Name/Date:</b>		
The Factories are responsible to maintain and update this CIL and ensure that all chemicals used meet all NB RSL requirements.								
<b>Chemicals, Solvents, Primer, Cement, Ink/Paint, Cleanser &amp; Additives</b>								
NO.	Name (Commercial)	Product Code	Supplier Name	Manufacture Location	Where & Why it is used?	MSDS (Y/N)	Meet NB RSL (Y/N)	RSL Test Report (if any)