

ZDHC MRSL LEVEL 1

TESTING & CERTIFICATION

SERVICE



“To Realize Zero Hazardous Chemicals for Sustainable Life”

ZDHC MRSL LEVEL 1

TESTING & CERTIFICATION SERVICE

FITI MRSL Testing & Certification Service

FITI Testing & Research Institute has been approved by ZDHC as a Level 1 v2.0 testing indicator to provide ZDHC MRSL testing & certification in accordance with ZDHC MRSL conformance. FITI, as a ZDHC-approved laboratory, will offer best quality of testing & certification services with our experts who have complete understanding of the textiles & leather industry.

We are currently offering 3 MRSL testing & Certification Service below.

- MRSL Full Testing of chemical formulations & Certification
- MRSL Smart Testing of chemical formulations & Certification
- Individual MRSL Testing based on request

ACCEPTED

By Ø ZDHC

Certification Standard

fiti FITI Testing & Research Institute

ZDHC Accepted Certification Standards List: <https://www.roadmaptozero.com/input#Certification>

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ZDHC MRSL

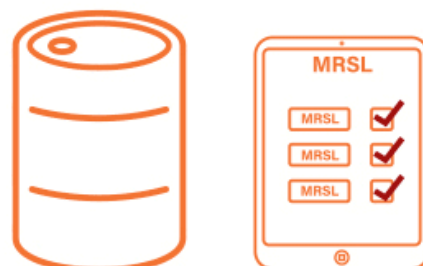
Until now, textile and footwear manufacturers have needed to manage Restricted Substances List (RSL) which sets limits on chemical substance concentrations in the final product. However, the use of hazardous chemicals in the manufacturing process can have a negative effect on consumers, workers and the environment as well.

To reduce or substitute hazardous chemicals in the supply chain, a group of major apparel, leather, footwear brands and retailers made a shared commitment with ZDHC (Zero Discharge of Hazardous Chemicals) and developed MRSL (Manufacturing Restricted Substances List) which is a list of chemical substances banned from intentional use in facilities that process textile materials and trim parts in apparel, leather and footwear.

Manage Chemical formulations from hazardous substances

Chemical Suppliers who are producing among below chemical formulations need to test their raw materials and final chemicals in order to ensure that they comply with the ZDHC MRSL limits.

No.	Chemical Formulation (Textile)
1	Auxiliaries and finishing agents for fibres and yarns
2	Pretreatment agents
3	Textile auxiliaries for dyeing and printing
4	Finishing assistants
5	Technical auxiliaries for multipurpose use in the textile industry
6	Other Auxiliaries
7	Dyes and pigments
8	Ancillaries
9	Base Chemicals
10	Screen Printing Ancillaries



For more detailed Chemical Formulation type, (Leather, Polymer) [ZDHC MRSL Chemical Formulation List](#)

ZDHC MRSL Testing Package for 24 Parameters	
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Glycols
Chlorobenzenes & Chlorotoluenes	Halogenated Solvents
Chlorophenols	Organotin Compounds
Dyes – Azo	Polycyclic Aromatic Hydrocarbons (PAHs)
Dyes – Navy Blue Colorant	Perfluorinated & Polyfluorinated Chemicals (PFCs)
Dyes – Carcinogenic or Equivalent Concerns	Phthalates
Dyes – Disperse	Total Heavy Metals
Flame Retardants	Volatile Organic Compounds (VOC)
Anti- Microbials & Biocides	Chlorinated Parafins
Borate, zinc salt	Bisphenol A
Thiourea	Quinoline
AEEA [2-(2-aminoethylamino)ethanol]	UV absorbers