



NIMKARTEK TECHNICAL SERVICES PVT. LTD.

www.nimkartek.com

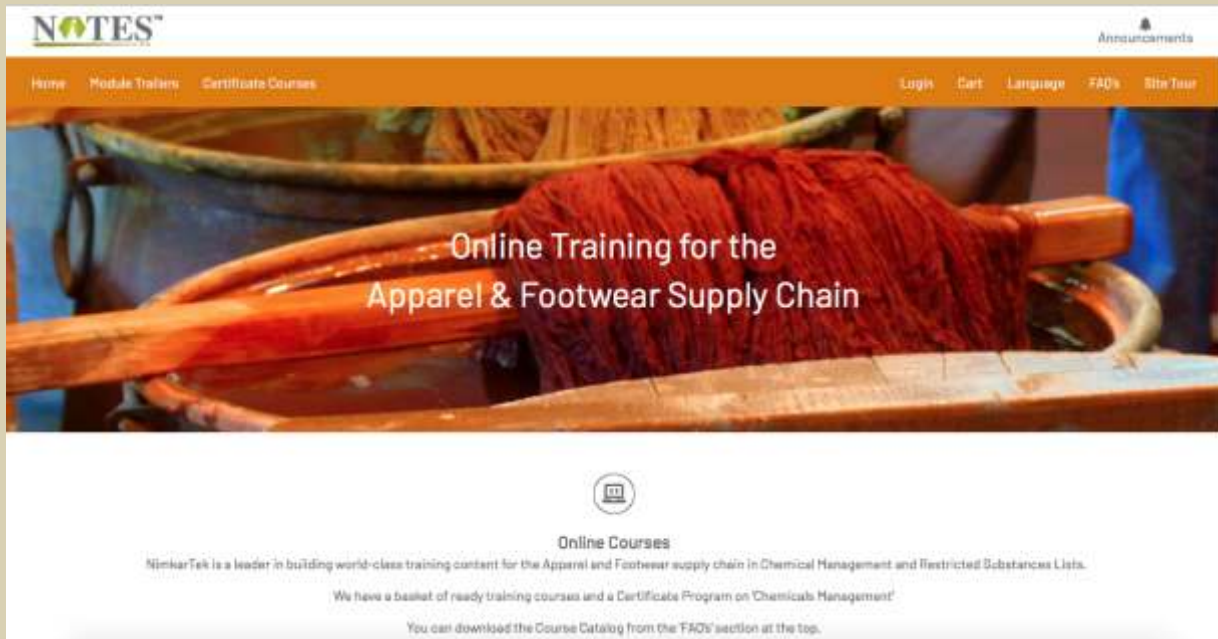
OUR ACCREDITATIONS

We are an ISO IEC 17025:2005
Accredited Laboratory



A Trusted Partner
for the Textile, Apparel,
Leather and Chemical Industry
in Quality and Compliance

ONLINE TRAINING – VIA NOTES PLATFORM



link: <https://notes.nimkartek.com>

NimkarTek offers Bespoke training modules along with the Ready training Modules for the Apparel and Footwear supply chain in Chemical Management and Restricted Substances Lists through NOTES.

Benefits

- Create awareness and improve compliance within all levels of supply chain
- Modules can be 'Sponsored' by companies or purchased by the Learners via the Payment Gateway
- Exam at the end of module helps evaluate the Level of Understanding
- NimkarTek Admin monitors progress and answer

NOTES: ONLINE TRAINING PLATFORM



1

Supplier Evaluation

2

Ready Training Modules

3

Bespoke Training

4

Certified
Chemical Management
Professional



Supplier/Team Evaluation

- Online time-bound questionnaire that will be taken by your suppliers / team evaluation on key topics
- Questionnaires are customised as per your requirement.
- **OUTCOME -**
Quick overview of the level of their understanding and their training needs.

2 Ready Training Modules

Some of our ready training modules are listed below

Modules on Restricted Substances Lists (RSLs and MRSLs)

1. Restricted Substances in Textiles
2. Testing Requirements for RSL Compliance
3. Best Practices for RSL Compliance
4. Overview of RSLs

Modules on General Topics

1. Basics of Textile Fibres and Coloration
2. Understanding Eco-Terms and Concepts
3. Global Legislations on Chemical in Textiles
4. Business Case for Chemical Compliance

Modules on Chemical Management

1. Understanding SDS
2. Chemical Management for compliance
3. Wastewater Management
4. Chemical Safety at the workplace
5. Auditing Skills

Modules on Restricted Chemical Groups

1. Understanding Banned Amines
2. Properties and Usage of APEO
3. Fundamentals of PFCs
4. Fundamentals of Phthalates

3

Bespoke Training

- Customised training developed for communicating specific company requirements to your supply chain
- NimkarTek's Technical team jointly develops training content and delivers the modules via NOTES
- The training modules can be translated into over 50 languages
- A 'Certificate of Achievement' will be issued to each learner on successful completion of the Training and Exam
- **OUTCOME –**
Quick and effective way of training all stakeholders

4

Certified Chemical Management Professional

- This course is developed for any person responsible manage chemicals in a supplier facility.
- The course comprises 12 modules which gives the learner a complete understanding of chemical management
- Approved by the 'Textile Institute, Manchester'.
- 'Guidebook of Chemical Management' and a 'Certificate of Achievement' will be sent to the learners on successful completion.

TESTING: VIA NIMKARTEK LABORATORY



- Textile Quality Assurance (Physical, performance and color fastness)
- Restricted chemicals in end articles (RSL)
- ZDHC MRSL Testing Services
- IN-SCREEN – Input Chemical Screening Program
- Eco-Toxicity Parameters for Chemicals
- Research and Method Development
- Root Cause Analysis
- REACH Testing

PERFORMANCE AND QUALITY ASSURANCE TESTING FOR THE TEXTILE AND APPAREL INDUSTRY



- Fabric Construction
- Physical Parameters – Tensile Strength, Tear Strength, Seam Strength and Seam Slippage
- Pilling, Abrasion, Absorbency
- Dimensional Stability
- Garment Appearance
- Performance Testing
- Colourfastness Tests - Washing, Water, Rubbing, Perspiration, Saliva, Dry Cleaning, Bleaching, Light
- Print Durability
- Fibre identification
- Defect Analysis
- Chemical Compliance Testing (RSL)

RESTRICTED SUBSTANCES TESTING

- Alkyl phenols (AP) and Alkylphenol Ethoxylates (APEOs)
 - Chlorobenzenes and Chlorotoluenes (COC)
 - Chlorophenols
 - Banned Amines from Azo Dyes
 - Carcinogenic Dyes
 - Allergenic Disperse Dyes
 - Glycols
 - Halogenated Solvents
 - Organotin Compounds
 - Flame Retardants
 - Phthalates
 - Volatile Organic Compounds (VOCs)
 - Short Chain Chlorinated Paraffin (SCCPs)
 - Free and Released Formaldehyde
 - Polychlorinated Biphenyls (PCBs)
 - Total and Extractable Heavy Metals
 - Nickel in Accessories (Releasable Nickel)
 - Hexavalent Chromium
 - Polycyclic Aromatic Hydrocarbons (PAHs)
 - Perfluorinated Compounds (PFOS and PFOA)
- and more...

ZDHC MRSL TESTING

- ZDHC recognizes and accepts NimkarTek Laboratory as an indicator of Level I MRSL Conformance
- NimkarTek test reports are accepted by the ZDHC Chemical Gateway
- Testing is carried out as per the Smart Testing Grid listed in Annex A, of the ZDHC MRSL Conformance Guide.
- Chemical Suppliers can test their chemicals with NimkarTek and upload the test reports on the ZDHC Chemical Gateway
- Dye-houses / Suppliers can test chemicals for MRSL Compliance

CHEMICAL TESTS

- Biological Oxygen Demand (BOD)
- Chemical Oxygen Demand (COD)
- Ready Biodegradability (OECD 301 F)
- Inherent Biodegradability (OECD 302B)
- Algal Growth Inhibition Toxicity EC₅₀-(OECD 201)
- Absorbable Organic Halogens (AOX)

SUBSTANCE IDENTIFICATION STUDIES FOR REACH REGISTRATION



- Testing and Data Interpretation by LC-MS/HPLC/GC-MS, NMR, FTIR, UV-Vis, XRF, XRD etc.
- Preparation of a mini- dossier (as per Annexure VI, Section 2) for submission to 'Only Representative' (OR)
- Testing of Articles for SVHC
- Testing for compliance to Annexure XVII

CHEMICAL STRATEGY AND CONSULTANCY

1

RSL/MRSL Standards/
Chemical Management
Manual

2

Root Cause Analysis

RSL / MRSL Standards Chemical Management Manual / Guidebook

- Benchmarking a Brand's existing RSL document with industry standards, global legislation and toxicological studies
- Supporting the RSL/MRSL document to include latest chemical restriction requirements to meet a Brand's product profile and global obligations
- Developing Chemical Management Guidebooks for Brands and Retailers, in order to help their supply chain implement best practices in chemicals management.

ROOT CAUSE ANALYSIS

- NimkarTek is a 'Root Cause Analysis' partner to several Brands
- We help you determine the exact cause of your failure and eliminate it to avoid future recurrence.
- We offer a smart screening methodology to save time and costs
- On successfully determining the root cause, we host a webinar to explain case study to Brand and suppliers



CONTACT US



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