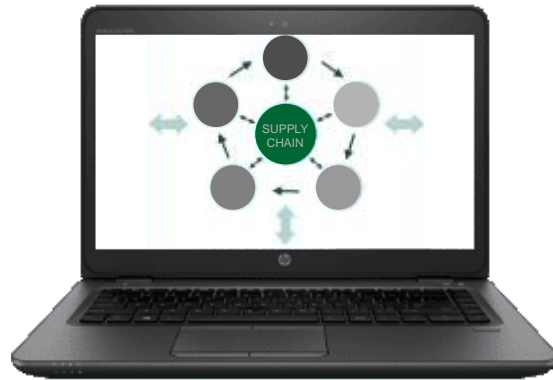


NOTES™

NimkarTek's
Online Training in
Chemical Management
for the
Apparel and Footwear
supply chain



COURSE CATALOGUE



NimkarTek Technical Services Pvt. Ltd.
is a Training, Testing and Consultancy company providing
world-class solutions to the Textile, Apparel, Leather and
Footwear Supply Chains.

Our vision is to be a solutions provider and help
the entire supply chain achieve the objectives of
eco-compliance and chemical management
through our services.

NimkarTek "NOTES" is a web-based Platform offering
training on Restricted Substances and
Chemical Management.

Additional Services:

- Textile Testing
- Chemical Analysis
- RSL & MRSL
- Root Cause Analysis
- Consultancy in
Chemical Management

[A] MODULES ON RESTRICTED SUBSTANCES LISTS (RSL)

Code	Module	Details	Price (USD)	Price (INR)
A1	Understanding a Brand RSL Document	<ul style="list-style-type: none"> • Background, purpose, scope of RSLs • Basic terms used in a Brand RSL document • Primary actions for avoiding RSL non-compliance 	105	5,000
A2	Restricted Substances in Textiles	<ul style="list-style-type: none"> • Definition, purpose, scope, criteria of RSLs and MRSLs • Structure and terms used in RSL and MRSL • Overview of important Restricted Chemical Groups (Harmful effects, Sources in textile production) 	125	6,000
A3	Best Practices for RSL compliance	<ul style="list-style-type: none"> • Causes and effects of RSL failures • Major RSL risk areas • Preventive actions for RSL failures • Corrective actions for RSL failures 	125	6,000
A4	Testing requirements for RSL compliance	<ul style="list-style-type: none"> • Testing steps and overview of equipment used for analysis of restricted substances • 'Smart' testing plan for screening raw materials and finished articles • Test procedure - Banned amines, APEOs & Heavy metals • Interpreting a test report • Factory action plans for RSL testing in finished articles 	125	6,000

[B] MODULES ON ALKYLPHENOL ETHOXYLATES (APEOs)

Code	Module	Details	Price (USD)	Price (INR)
B1	Introduction to APEOs	<ul style="list-style-type: none"> • Background and current concerns • Sources in textile and garment processing • Steps to ensure APEO- free production at a facility 	105	5,000
B2	Properties and Usage of APEOs	<ul style="list-style-type: none"> • Background, application & types of Surfactants • Properties and uses of APEOs in Textile chemicals • Alternatives to APEOs 	125	6,000
B3	APEO Elimination Strategy	<ul style="list-style-type: none"> • APEO sources in Textile & Leather • Practical steps that can be taken by a facility to ensure complete elimination of APEOs in production. • This covers intentional & unintentional sources of contamination from production and sundry chemicals 	125	6,000

[C] MODULES ON RESTRICTED PARAMETERS (RSLs)

Code	Module	Details	Price (USD)	Price (INR)
C1	Fundamentals of PFCs	<ul style="list-style-type: none"> • Background & Uses of PFCs • Evaluation of oil and water-repellent finishes • Concerns and restrictions on PFCs • Safer alternatives 	105	5,000
C2	Understanding Banned Amines	<ul style="list-style-type: none"> • Azo colorants and banned amines & Sources • How are they released? Why are they harmful? • Global regulations on banned amines • Methods of testing banned amines • Precautions to be taken for compliance 	125	6,000
C3	Fundamentals of Phthalates	<ul style="list-style-type: none"> • What are Phthalates? • How are they released? Why are they harmful? • Sources of Phthalates • Global regulations and Test methods • Precautions to be taken for compliance 	125	6,000

[D] MODULES ON CHEMICAL MANAGEMENT

Code	Module	Details	Price (USD)	Price (INR)
D1	Understanding MSDS	<ul style="list-style-type: none"> • Purpose and Scope of SDS • Guidelines for SDS prep & updates • GHS and its importance • Description of the 16 sections in a SDS • Interpreting a SDS for chemical management 	105	5,000
D2	Chemical Management Systems for compliance	<ul style="list-style-type: none"> • Need for chemical management • Elements of good chemical management system • Appointment & training of Compliance manager • Guidelines for Implementing Chemical Management system at your facility 	125	6,000
D3	Chemical Safety at the workplace	<ul style="list-style-type: none"> • Types of hazards • Risk assessment of chemical inventory • Preventive measures for chemical safety • Hazard communication (SDS, GHS label) • Developing a chemical safety program 	125	6,000
D4	Fundamentals of wastewater management	<ul style="list-style-type: none"> • The need for wastewater management • Wastewater treatment process in a textile facility • Monitoring wastewater for chemical compliance • Sampling and testing procedures for wastewater 	125	6,000

*The charges are Inclusive of all Taxes"

[E] MODULES ON GENERAL TOPICS

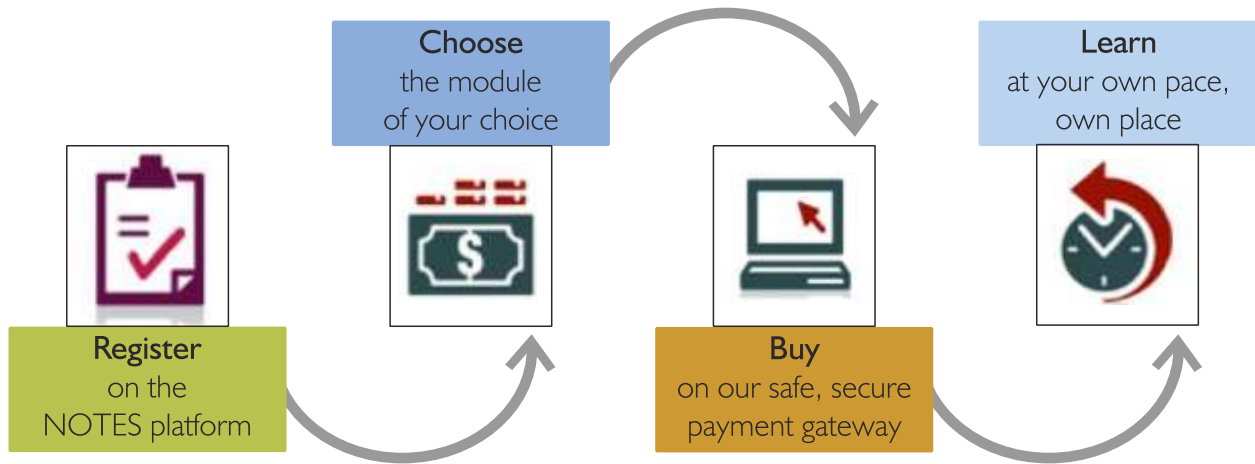
Code	Module	Details	Price (USD)	Price (INR)
E1	Basics of Textile fibers and Coloration	<ul style="list-style-type: none"> • Introduction to different Textile fibres • Dyeing & Printing of different fibres • Different types of dyes for fibres, brief dyeing procedures and ecological impacts • Various printing techniques 	105	5,000
E2	Global legislations on chemicals in textiles	<ul style="list-style-type: none"> • Need for legislations on chemicals in textiles • US legislations for chemicals in textiles • EU legislations for chemicals in textiles • Legislations in Korea, China and Taiwan 	125	6,000
E3	Business Case for chemical compliance	<ul style="list-style-type: none"> • Chemical safety requirements • Compliance requirements for finished articles • Learnings from RSL failures • Background of the 'Detox' campaign and ZDHC • Impact on suppliers and chemical manufacturers • Global requirements on chemical compliance 	125	6,000
E4	Basics of Eco-terms and concepts	<ul style="list-style-type: none"> • Explanation of terms related to ecology • Terms used in chemical documentation such as toxicity, hazards, CMR, PBT, Endocrine Disruptors • Units of measurement in testing such as mg/kg, ppm, mg/L, $\mu\text{g}/\text{cm}^2/\text{week}$ • Terms in wastewater treatment: COD, BOD, TSS 	125	6,000
E5	Auditing Skills	<ul style="list-style-type: none"> • Types of audits, ISO 19001 guidelines and skills, competencies and responsibilities of an auditor • Steps of an audit process • Conducting an internal audit for chemical management 	125	6,000

[F] MODULES IN CHINESE

Code	Module	Details	Price (USD)	
F1	Brand RSL Document	<ul style="list-style-type: none"> • Background, purpose, scope of RSLs • Basic terms used in a Brand RSL • Primary actions for avoiding RSL non-compliance 	180	
F2	RSL Best Practices	<ul style="list-style-type: none"> • Causes and effects of RSL failures • Major RSL risk areas • Supplier Declarations, Testing Strategy and input chemical screening • Corrective actions for RSL failures 	180	

"The charges are Inclusive of all Taxes"

HOW DO I SUBSCRIBE TO NOTES TRAINING



<http://notes.nimkartek.com>

BENEFITS OF USING NOTES PLATFORM



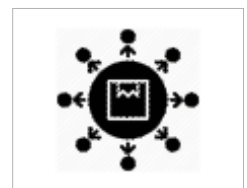
Cost-Effective
online
access



Complex Topics
explained easily



At your own
Pace, At your
own Place.



Reach out at
all levels of
Supply Chain



No carbon
footprint



Overcoming
the language
barrier



Small
digestible
sessions.



Watch
and
re-watch

READY E-LEARNING FOR DESIGNERS, BUYERS & THE ENTIRE SUPPLY CHAIN



The world of chemicals is changing fast with new toxicological findings. Chemical Compliance issues are becoming more complex and dynamic. Addressing this is indeed a challenge today but we can achieve it once we 'KNOW HOW'

Brands & Retailers need to address this from the inception of a product involving Designers, Buying / Sourcing teams and Suppliers. NimkarTek has ready Online Modules on this subjects that make understanding easy.

Complex topics are explained in an easy manner making it simple to understand and followed up with the focused action points.

CHOOSE YOUR TRAINING MODULE ON THE **NOTES** PLATFORM

NimkarTek
NOTES
Platform



Designer Team

- A1 Understanding Brand RSL Document
- E1 Basics of Textile Fibers & Coloration
- E3 Business case for Chemical Compliance



Buying/Sourcing Team

- A2 Restricted Substances in Textiles
- A4 Testing Requirements for RSL Compliance
- E2 Global Legislations for Chemicals in Textiles
- E3 Business case for Chemical Compliance



Compliance Team

- A2 Restricted Substances in Textiles
- A3 Best Practices for RSL Compliance
- E2 Global Legislations for Chemicals in Textiles
- E3 Business case for Chemical Compliance



Suppliers (Tier I Vendors and Mills)

- A2 Restricted Substances in Textiles
- A4 Testing Requirements for RSL Compliance
- D2 Chemical Management System for compliance
- D3 Chemical Safety Program at the workplace



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