



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



COURSE CATALOGUE



NimkarTek is a Training, Testing and Consultancy Company providing world class services to the Textile, Apparel, Leather and Footwear Supply Chain.

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 online training on Restricted Substances and Chemical Management.



NOTES is an Accredited Training Provider (ATP) of the ZDHC Academy Implementation-Hub.

[A] MODULES ON RESTRICTED SUBSTANCES LISTS (RSL)

Sr. No.	Module	Details	Price (USD)	Price (INR)
1	Restricted Substances in Textiles	<ul style="list-style-type: none"> • Definition, Purpose, Scope and Criteria of Restricted Substances Lists (RSLs) • Structure and Terms Used in a Typical RSL Document • Definition, Purpose, Scope and Criteria of Manufacturing Restricted Substances List (MRSL) • Terms and Limits used in MRSL Document • Overview of Major Restricted Chemical Groups for their Chemistry, Harmful Effects and Potential Sources in Textiles. 	85	4,500
2	Testing requirements for RSL compliance	<ul style="list-style-type: none"> • Harmful substances in Textile and their impacts on Human Health & Environment • Monitoring restricted substances across the supply chain. • Introduction to Testing for MRSLs & RSLs. • Laboratory Requirements • Factory Action plans for Inputs, Process and Outputs 	85	4,500
3	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 • Root Cause analysis and Corrective actions for RSL failures 	85	4,500
4	Overview of RSLs	<ul style="list-style-type: none"> • List of major RSL groups listed in ZDHC RSL • Background and application of chemicals in textile and leather industry • Harmful effects of these chemical groups on human health and the environment • Testing plan for RSL compliance 	85	4,500

Additional 18% GST for all INR Charges

[B] MODULES ON RESTRICTED CHEMICAL GROUPS

Sr. No.	Module	Details	Price (USD)	Price (INR)
1	Understanding APEOs	<ul style="list-style-type: none"> • Background & Chemistry of APEOs • Sources of APEOs in textile supply chain • Global Restrictions on APEOs • RSL & MRSL Compliance • Strategies for APEO Elimination • Factory Action Plan to ensure compliance • APEO Failures – Root Cause and Corrective Actions 	85	4,500
2	Properties and usage of APEO	<ul style="list-style-type: none"> • Background, application & types of Surfactants • Properties and uses of APEOs in Textile chemicals • Introducing APEOs • APEO Alternatives 	85	4,500
3	Fundamentals of PFCs	<ul style="list-style-type: none"> • Background & Uses of PFCs • Evaluation of oil and water-repellent finishes • Global Legislations related to PFC use • Concerns and restrictions on PFCs • Safer alternatives 	85	4,500
4	Understanding Banned Amines	<ul style="list-style-type: none"> • Introduction, Sources, Chemistry, and Scope of Banned Amines • Global Regulations on Banned Amines • Requirements for RSL/MRSL Compliance • Laboratory Sampling, Testing and interpreting reports for Banned Amines. • Factory Action Plans to ensure compliance 	85	4,500
5	Fundamentals of Phthalates	<ul style="list-style-type: none"> • What are Phthalates? • Sources and Concerns associated with the use of Phthalates, • Global restrictions on Phthalates • Systems for managing Phthalate failures • Safer Alternative chemicals 	85	4,500

Additional 18% GST for all INR Charges

[C] MODULES ON CHEMICAL MANAGEMENT

Sr. No.	Module	Details	Price (USD)	Price (INR)
1	Understanding SDS	<ul style="list-style-type: none"> • Background of Safety Data Sheets • Purpose and scope of SDS • Guidelines for authoring SDS • Globally Harmonized System (GHS) • Understanding each SDS Section • Interpretation of SDS for Chemical Management 	85	4,500
2	Chemical management systems for compliance	<ul style="list-style-type: none"> • Restricted substances in textiles and their impacts on Human Health and the Environment • Chemical management System and its scope • Key Elements of Chemical Management System • Screening / Testing of Input Chemicals, Raw materials and End Articles for assured Compliance. • Steps involved in Continuous Improvement <ul style="list-style-type: none"> - Training, Root Cause Analysis and CAPs 	85	4,500
3	Chemical safety at the workplace	<ul style="list-style-type: none"> • Need for a chemical safety program • Sources of hazards in textile manufacturing • Definition of Hazard and Types of hazards • Identification of Hazards and Risks • GHS classification of hazards • Hazard communication • Concepts of good house-keeping: <ol style="list-style-type: none"> 1. Chemical Storage 2. Personal Protective Equipment 3. Emergency Response Measures and 4. Disposal of Chemicals 	85	4,500
4	Fundamentals of wastewater management	<ul style="list-style-type: none"> • Need for Wastewater Management • Fundamentals of Wastewater Management • Wastewater treatment process • ZDHC Output Management (Wastewater and sludge) • Monitoring of Wastewater for compliance. 	85	4,500

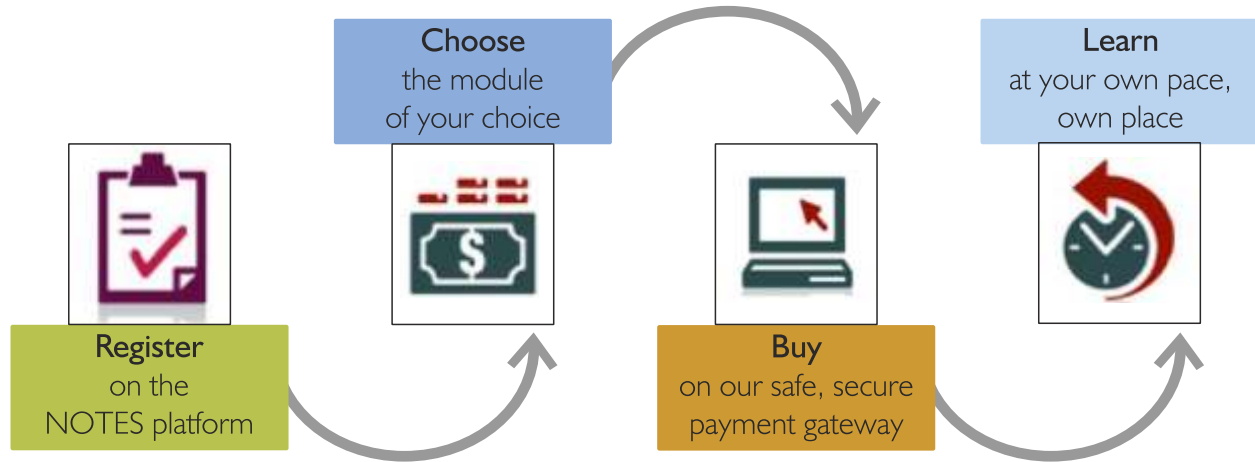
Additional 18% GST for all INR Charges

[D] MODULES ON GENERAL TOPICS

Sr. No.	Module	Details	Price (USD)	Price (INR)
1	Basics of textile fibers and Colorations	<ul style="list-style-type: none"> • Classification of Fibres • Dye Classes • Dyeing and Printing Process • Theory of Colors <ul style="list-style-type: none"> - Terms and definitions, Color Mixing, Metamerism, Color fastness, etc. 	85	4,500
2	Global legislations on chemicals in textile	<ul style="list-style-type: none"> • Need for Legislations on Chemical in Textile Industry • Legislations in the USA, EU, Korea and Taiwan and other countries across the world 	85	4,500
3	Business Case for chemical compliance	<ul style="list-style-type: none"> • Importance of Chemical Management <ul style="list-style-type: none"> - Need for Chemical Management - Global Textile Legislations - Brand RSL Requirements • Impact of NGO Campaigns <ul style="list-style-type: none"> - Greenpeace Detox Challenge - Zero Discharge of Hazardous Chemicals • Recent Global developments in Chemical Management <ul style="list-style-type: none"> - The ZDHC Tools - SAC and the Higg Index 3.0 	85	4,500
4	Basics of Eco-Terms and concepts	<ul style="list-style-type: none"> • General Terms used in Ecology • Terms and Concepts used in Chemical Management documents :- <ul style="list-style-type: none"> - Toxicology and toxicity - Types of toxicity (Acute, Chronic, Oral, Aquatic) - Hazardous and Dangerous substances - Types of hazards - Terms such as CMR, Endocrine Disruptors, PBT, Skin sensitizers • Terms and Units of measurement used in Eco-Testing : Mg/Kg or ppm (parts per million); Mg/L, $\mu\text{g}/\text{cm}^2/\text{week}$, BOD, COD, TSS 	85	4,500
5	Auditing Skills	<ul style="list-style-type: none"> • Types of audits • Introduction of ISO 19011 guidelines • Terms used in auditing • General skills, competencies and responsibilities of an auditor • Steps in an Audit Process • How to conduct first party or an internal audit for assessment of your Chemical Management Systems 	85	4,500

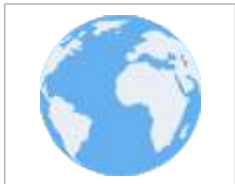
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HOW DO I SUBSCRIBE TO NOTES TRAINING



<http://notes.nimkartek.com>

BENEFITS OF USING NOTES PLATFORM



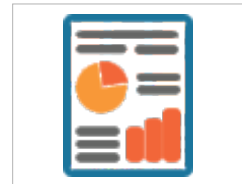
Global Reach –
Reach out to your
entire Supply Chain.
Access our trainings
ANYTIME, ANYWHERE



Support –
Technical and Admin
Support



User Friendly Content –
Trainings are Interactive
and Engaging.
The Content can be
translated in over
30 Languages



Reporting –
NOTES can generate
various reports that help
measure training impact



Scalable and Flexible –
You can customize the
program to train specific
audience(s)



Security –
Highly secure platform
integrated with
a Payment Gateway and
365x24x7 data back up



Module Features –
Assessments, Resource
Materials, Activity Slides,
Quizzes, Bookmarking
and Ordered Learning.



E-commerce –
Purchases can be
self-paid or
sponsored for single
of multiple licenses.

BESPOKE LEARNING



Ready training modules might not cover your organization's goals and priorities, as it does not enable you to tailor your program. NimkarTek understands the importance of infusing bespoke training with your strategy, thereby creating the user specific, highly effective and engaging online learning experience.

NimkarTek offers a world-class customized training for your supply chain. Our team will help prioritize your strategy, develop training plans and develop high-quality custom courses that work within your budget. Our online courses create an enjoyable, interactive user experience.

Write to us for more details.

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

NimkarTek
NOTES
Platform



Designer Team

- Restricted Substances in Textile
- Basics of textile fibers & Coloration
- Business case for chemical compliance



Buying/Sourcing Team

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



Compliance Team

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



Suppliers (Tier I Vendors and Mills)

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



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