



# Higg FEM V4.0

Learn Online, Grow Anytime  
E - Learning Courses  
Through Notes

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**Higg Index**  **TRAINER BODY™**

Higg Facility Environmental Module



The NOTES Platform by NimkarTek, launched in 2014, offers accessible and affordable online training for the Textile, Apparel, Footwear, and Leather industries. It includes expert-led courses on the latest Higg FEM 4.0—an environmental assessment tool by the Cascale. These courses cover all 7 impact areas and provide practical guidance to help facilities implement improvements and boost their performance scores.

## HIGG FEM COURSES



### Site Information and Permits



#### Level 1

- The purpose of Higg FEM Self-Assessment
- Facility details required to be filled in Site Information
- Maintaining Compliant Environmental Permits
- Overview of each section



# Environmental Management System

## Level 1



- EMS team formation and strategy
  - Identifying environmental aspects and impacts
  - Conducting environmental impact assessments
  - Ensuring equipment maintenance
  - Engaging employees, suppliers, and subcontractors
  - Regular EMS reviews and improvements
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## Level 2

- Management review of EMS
  - Qualification and knowledge required by EMS Team members
  - Facility's procedure to communicate its environmental programs, performance, and strategy with all of its employees
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## Level 3

- Monitor, Evaluate and Engage with Upstream suppliers and Subcontractors on their environmental performance.
  - Environmental Improvement in local community.
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# Energy and GHG

## Level 1



- Environmental impact of energy use and GHG emissions
  - Direct vs. indirect energy; Scope 1, 2, and 3 emissions
  - Key concepts: EACs, RECs, and carbon offsets
  - Tracking and reporting energy sources
  - Reporting renewable energy use
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## Level 2

- Identify high energy-consuming processes
  - Set goals to cut energy use and Scope 1 & 2 emissions
  - Shift from coal to cleaner energy sources
  - Conduct energy audits for improvements
  - Track and show progress in energy reduction
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## Level 3

- Identify and calculate Scope 3 GHG emissions
  - Set reduction targets aligned with SBTs
  - Plan to phase out non-coal fossil fuels
  - Shift on-site fossil fuel use to renewable energy
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# Water Use

## Level 1



- Water sources and environmental impact
  - Track water use in production and domestic areas
  - Use tools to measure and identify high-use areas
  - Report groundwater restrictions
  - Monitor for leaks in the supply network
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## Level 2

- Set baseline for water reduction
  - Use water balance to guide actions
  - Reduce blue water, increase grey water use
  - Promote rainwater harvesting
  - Improve overall water management
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## Level 3

- Eliminate groundwater use in production
  - Reduce overall blue water consumption
  - Use advanced technology to cut water use
  - Set science-based targets for water use
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# Wastewater



## Level 1



- Types of discharges and key terminology
- Emergency preparedness for wastewater incidents
- Track wastewater volume and quality
- Follow legal and brand-specific requirements
- Ensure off-site treatment compliance
- Manage and classify sludge properly
- Handle septic wastewater responsibly

## Level 2

- Comply with ZDHC Wastewater Standards
- Monitor and document domestic sludge
- Maintain records for sludge disposal
- Upgrade septic treatment systems
- Review offsite treatment quality results

## Level 3

- Partner with off-site plants for better treatment or recycling
- Reuse process wastewater
- Recycle industrial wastewater
- Recycle domestic wastewater for reuse





# Air Emissions



## Level 1



- Sources and environmental impact of air pollutants
  - Point source vs. fugitive emissions
  - Track emissions with data and inventory
  - Link between ODS and GHG emissions
  - Manage refrigerants and monitor for leaks
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## Level 2

- Track annual point source emissions
  - Plan to reduce air emissions
  - Monitor and comply with industry guidelines
  - Switch to low ODP/GWP refrigerants
  - Apply Best Available Techniques (BAT)
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## Level 3

- Replacing current refrigerant with low ODP / low GWP refrigerant gasses that goes beyond current legal requirements
  - Utilizing the Best Available Technology (BAT)
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# Waste



## Level 1



- Identify and classify hazardous vs. non-hazardous waste
  - Create and manage a waste inventory
  - Ensure proper storage conditions
  - Implement an effective waste separation program
  - Prioritize waste disposal methods (most to least preferred)
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## Level 2

- Set baselines to reduce non-hazardous and hazardous waste
  - Establish targets to reduce all waste types
  - Create formal plans to enhance disposal methods
  - Demonstrate progress through waste reduction
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## Level 3

- Validate final disposal and treatment of non-hazardous waste
  - Follow preferred waste disposal methods
  - Implement circular economy systems
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# Chemical Management

## Level 1



- Introduction to Chemical Management (Q1–5)
  - Understanding Safety Data Sheets (Q6)
  - Health and Safety (Q7–10)
  - Understanding MRSLs and RSLs (Q11–12)
  - EHS, Chemical Storage, and Training (Q13–18)
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## Level 2

- Engage supply-chain partners for MRSL/RSL compliance
  - Assess CMS team capabilities and authority
  - Develop a continuous improvement plan
  - Implement traceability for chemicals/raw materials
  - Use chemicals from approved positive lists
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## Level 3

- Adopt ZDHC StZ standards
  - Maintain transparency in chemical communication
  - Collaborate on safer chemical alternatives
  - Conduct product lifecycle assessments
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## WHO SHOULD TAKE THESE COURSES

- Chemical management Team
- Production Team
- Purchase Managers
- ETP/EHS Manager and Technicians
- Leather Processors
- Chemical Responsible Person
- Sustainability Team
- Denim Manufacturers
- Quality Managers

## COURSE FEATURES



E-Learning course (Self-paced Learning)



Interactive and engaging technical content



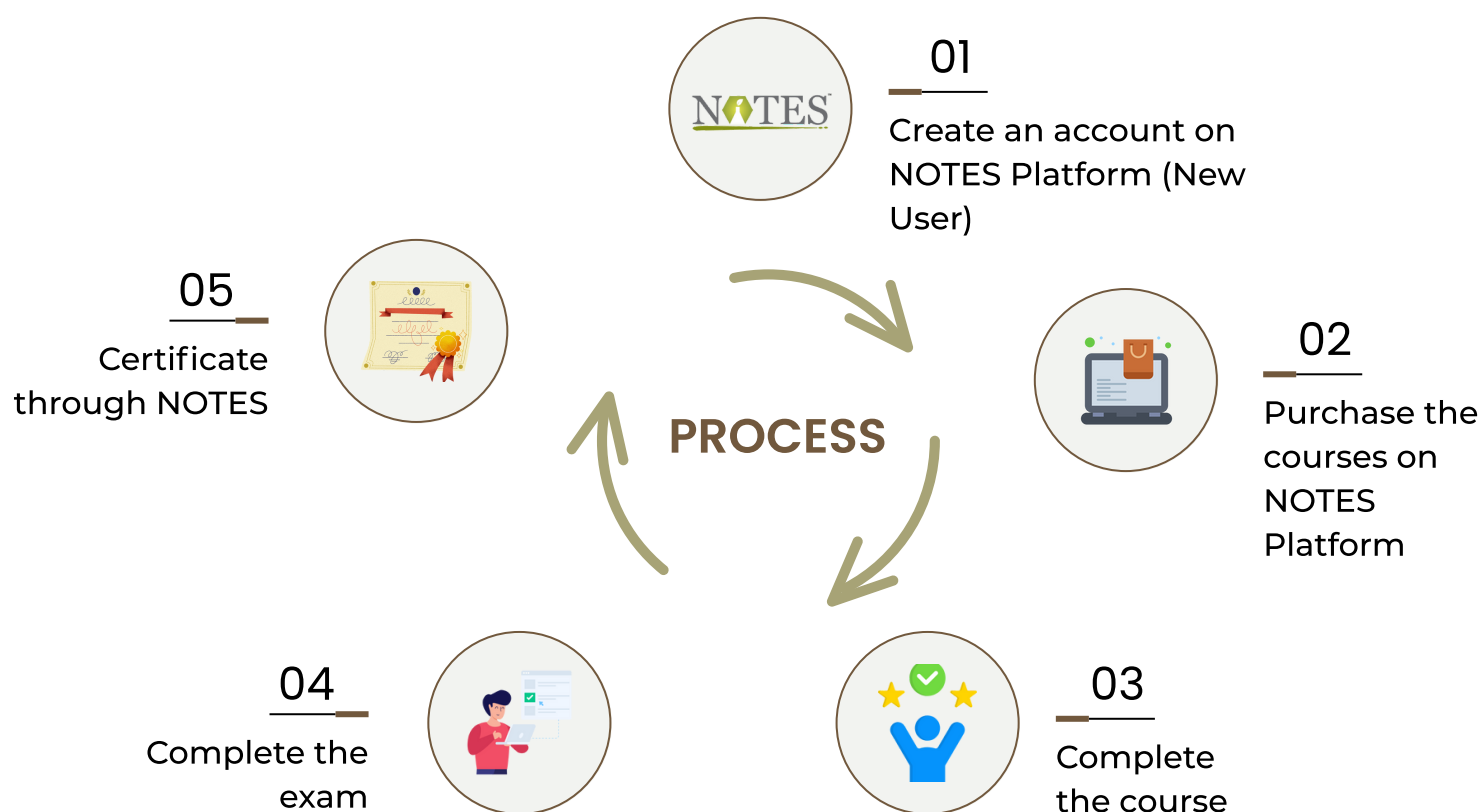
Activities and exercises to enhance the learning experience



Access to learner guides and additional industry resources






## HOW TO REGISTER



## HELPDESK



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