

TRAINING SEMINARS PROPOSED BY NGL ACADEMY

MODULE A

GOOD PRACTISES IN WATER-BASED INDUSTRIAL CLEANING PROCESSES

- Cleaning objectives and function
- Substrates and sensitivity
- Contamination and constraints
- Cleaning technologies- ultrasonic and spraying effects
- Chemistry of cleaning agents
- Application examples
- Processed water quality
- Processes control methodology
- Control of the environmental parameters

MODULE B

PROCESSED WATER TREATMENT AND RECYCLING IN WATER-BASED INDUSTRIAL CLEANING PROCEDURES

- Chemistry of water
- Sources of supply and qualities
- Physical treatment methods, filtration, centrifugation-evapoconcentration
- Chemical treatment methods, coagulation, flocculation, electrocoagulation
- Economy of rinsing water by membrane filtration procedure
- Technical and economical feasibility
- Application examples

MODULE C

INDUSTRIAL WASTEWATER TREATMENT PROCESSES

- Typology of the industrial wastewater
- Legislative point-environmental standards
- Physical treatment methods, filtration, centrifugation-evapoconcentration
- Chemical treatment methods, coagulation, flocculation, electrocoagulation
- Compliance of the treated wastewater with the legal norms- auto-control procedures
- Recycling of cooling fluids
- Examples- technologies-investment and exploitation costs- analytical results
- Guidance for establishment of a industrial wastewater balance sheet

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