

Northside Trade & Training

2026

TRAINING AND CONSULTING

Training catalogue 2026

More than 140 in-house training courses for your teams: management systems, sector-specific quality, methods and Lean, metrology, industrial safety. IPC standards: on-site support, in your workshops.

In-house training | **At your site** | **Consulting and support**

STANDARDS COVERED

ISO 9001 | ISO 14001 | ISO 45001 | ISO 50001 | ISO 22000 | ISO/IEC 27001 | ISO 31000 | IATF 16949

EN 9100 | ISO 13485 | ISO 14971 | EU 2017/745 | ISO/IEC 17025 | ISO 15189 | FSSC 22000 | SA 8000

VDA 6.3 | API 653 | EN 61340-5-1 | IPC A-610 | J-STD 001

ISO 9001: 2015

Training center approved by the Ministry of Vocational Training and Employment · **approval no. 61-401-21**
ISO 9001:2015 certified · RoyalCert, certificate no. 09156/NOR09U

northside-tn.net

NORTHSIDE TRADE & TRAINING (NTT)

Training your teams, all the way to certification

As a state-approved training center (approval no. 61-401-21), we train your teams and support them in mastering the standards required by your customers and your auditors. Our courses are run in-house, for your teams, and complemented by consulting: diagnosis, implementation support and audit preparation.



In-house

Sessions reserved for your teams, held at your site.

Tailored program

Content and duration adjusted to your organisation, your products and your lines.

Consulting

Diagnosis, implementation support and audit preparation, all the way to certification.

Consulting and support

ISO 9001
Audit and support towards certification

ISO 13485 and MDR (EU 2017/745)
Training and support for medical device manufacturers

EN 61340-5-1
ESD protection training and consulting

ISO/IEC 17025
Metrology support and consulting

ISO 14971
Risk management audit and consulting

IPC series
On-site support, in your workshops

Our support approach

1 Assessment of the current situation

2 Action plan

3 On-site support

4 Team training

5 Mock audit

Sectors served

Automotive · Aerospace · Electromechanics · Electronics · Pharmaceutical and medical · Food processing

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PART 1

1 Management systems



Quality, environment, energy, occupational health and safety, information security, food safety, risk: understand the requirements of each standard, apply them in your organisation and run your internal audits.

ISO 9001 · ISO 10002 · ISO 9004 · ISO 14001 · ISO 14044 · ISO 14031 · ISO 50001 · ISO 45001 · ISO 9001·14001·45001 · SA 8000

Quality management

15 courses

ISO 9001	ISO 9001 requirements and principles	3 days
ISO 9001	ISO 9001 internal auditor	3 days
ISO 9001	Managing processes in line with ISO 9001 requirements	3 days
ISO 10002	Customer satisfaction and complaints handling according to ISO 10002 and ISO 10004	3 days
	Assessing the cost of poor quality	2 days
	Leadership and engagement of people	2 days
	Managing a quality management system	3 days
	Strategic planning within a management system	2 days
	Risk analysis with the SWOT tool	2 days
ISO 9001	Innovation management and its interface with ISO 9001	3 days
ISO 9004	ISO 9004: managing for sustained performance	3 days
ISO 9001	Quality management system lead auditor according to ISO 9001	5 days
	Preparing for and managing resistance to change	3 days
	Managing a quality team	3 days
	Quality dashboards and performance indicators	2 days

Environmental management

11 courses

ISO 14001	ISO 14001 requirements	3 days
ISO 14001	ISO 14001 and ISO 19011 internal auditor	3 days
	Tunisian environmental regulations: regulatory watch	2 days
ISO 14044	Product life cycle assessment according to ISO 14044	2 days
	Environmental management officer	4 days
ISO 14031	Environmental performance evaluation according to ISO 14031	2 days
	Methods and techniques for the initial environmental review	2 days

	Industrial waste management methods and techniques	**2 days**
	Monitoring and measurement in an environmental management system	**2 days**
	Managing environmental aspects and emergency situations	**3 days**
	Water treatment: reverse osmosis filtration	**3 days**

Energy management

8 courses

ISO 50001	Energy management system requirements according to ISO 50001	**3 days**
ISO 50001	ISO 50001 and ISO 19011 internal auditor	**3 days**
	Energy regulations: regulatory watch	**2 days**
	Energy management officer	**2 days**
	Calculating the energy balance	**2 days**
	Energy efficiency in industry	**5 days**
	Energy efficiency in buildings	**3 days**
	Renewable energies	**3 days**

Occupational health and safety

13 courses

ISO 45001	ISO 45001 requirements	**3 days**
ISO 45001	ISO 45001 internal auditor	**3 days**
	Occupational health and safety regulations in Tunisia: regulatory watch	**2 days**
	Electrical safety authorisation	**3 days**
	Preparing a hazard study and emergency plans	**2 days**
	Manual handling and working postures	**2 days**
	HAZID and HAZOP methods	**2 days**
	Fire safety management	**3 days**
	First aid and prevention of fire and explosion risks	**4 days**
	Fire safety in buildings	**3 days**
	Management and storage of hazardous products	**2 days**
	Machinery safety	**2 days**
ISO 45001	Occupational health and safety management system lead auditor according to ISO 45001	**5 days**

Integrated management system

5 courses

ISO 9001 · 14001 · 45001	Requirements of an integrated quality, environment, occupational health and safety management system (ISO 9001, ISO 14001, ISO 45001)	**4 days**
ISO 9001 · 14001 · 45001	Integrated management system internal auditor (ISO 9001, ISO 14001, ISO 45001)	**4 days**

ISO 9001 · 14001 · 45001	Integrated management system officer (ISO 9001, ISO 14001, ISO 45001)	4 days
ISO 50001	Integrating ISO 50001 into an ISO 14001 environmental management system	2 days
	HSE regulations in Tunisia	3 days

Social responsibility

2 courses

SA 8000	SA 8000 standard requirements	3 days
SA 8000	SA 8000 internal auditor (social accountability)	3 days

Information security

7 courses

ISO/IEC 27001	ISO/IEC 27001 requirements	3 days
ISO/IEC 27001	ISO/IEC 27001 and ISO 19011 internal auditor	3 days
	Information systems audit under Tunisian regulations	3 days
ISO/IEC 20000	ISO/IEC 20000 requirements: IT service management	3 days
ISO/IEC 20000	ISO/IEC 20000 internal auditor	3 days
ISO/IEC 27001	ISO/IEC 27001 Lead Implementer	5 days
ISO/IEC 27005	ISO/IEC 27005 requirements: information security risk management	3 days

Food safety

12 courses

ISO 22000	ISO 22000 requirements	3 days
ISO 22000	ISO 22000 and ISO 19011 internal auditor	3 days
	Food safety regulations: regulatory watch	2 days
FSSC 22000	FSSC 22000 audit protocol requirements	4 days
	Managing traceability	2 days
	Cleaning and disinfection in industrial environments	2 days
	Good hygiene practices in the laboratory	2 days
	Sensory analysis	2 days
	Food hygiene and personal hygiene	2 days
	Hygiene and good cleaning practices	2 days
	The HACCP method	3 days
	Evaluating sanitary control plans	2 days

Risk management

3 courses

ISO 31000	Risk management according to ISO 31000	3 days

IEC 31010	Risk assessment tools and techniques according to IEC 31010	2 days
BCP	BCP: business continuity plan	3 days

Indicative durations: the program and duration of each session are adapted to your organisation.

PART 2

2 Sector-specific quality: automotive, aerospace, medical

The standards specific to your sector and the requirements of your customers.

IATF 16949 · VDA 5 · VDA 6.3 · EN 9100 · ISO 13485 · EU 2017/745 · ISO 14971

Automotive

5 courses

IATF 16949	IATF 16949 requirements	3 days
IATF 16949	IATF 16949 internal auditor	3 days
VDA 5	Measurement process capability (VDA 5)	3 days
VDA 6.3	Process audit according to VDA 6.3	3 days
	Metrology basics for the automotive industry	3 days

Aerospace

2 courses

EN 9100	EN 9100 requirements and certification procedure	3 days
EN 9100	EN 9100 internal auditor	3 days

Medical devices

5 courses

ISO 13485	ISO 13485 requirements	3 days
ISO 13485	ISO 13485 internal auditor	3 days
EU 2017/745	Requirements of the European Medical Device Regulation (MDR, EU 2017/745)	3 days
FDA	FDA: requirements for the US market	3 days
ISO 14971	Applying risk management to medical devices according to ISO 14971	3 days

Indicative durations: the program and duration of each session are adapted to your organisation.

PART 3

3 Methods, Lean, operations and projects



Quality and continuous improvement tools, the Lean approach, maintenance and project management.

ISO 10006 ISO 21500

Quality methods and tools

14 courses

8D	8D: group problem-solving method and quality tools	3 days
	Handling corrective actions	2 days
MSA	MSA: measurement system analysis	3 days
SPC	SPC: statistical process control	2 days
DoE	Design of experiments (DoE)	3 days
	Design of experiments: the Taguchi method	3 days
	Industrial project management	3 days
PPAP	PPAP: production part approval process	2 days
APQP	APQP: advanced product quality planning	3 days
FMEA	FMEA: product and process failure mode and effects analysis	3 days
	Kaizen and standard work	2 days
	5S and visual management	2 days
	The QRQC method	2 days
	Poka-yoke systems	2 days

Lean approach

7 courses

	Lean Manufacturing	5 days
	Lean Management	5 days
	Lean Six Sigma Green Belt	10 days
	Lean Six Sigma Black Belt	20 days
SMED	SMED: quick changeover	2 days
VSM	VSM: value stream mapping	3 days
	Minitab	3 days

Operations management

9 courses

	Industrial maintenance and introduction to TPM	4 days

	Non-destructive testing	**2 days**
	Air compressor maintenance	**3 days**
	Operation and maintenance of compressed air installations	**3 days**
	Introduction to fluid mechanics and centrifugal pumps	**3 days**
	Gear reducer operation and maintenance	**3 days**
	Time study, analysis and workstation balancing	**2 days**
	Optimising production and maintenance management	**3 days**
OEE	OEE: measuring productivity	**2 days**

Project management

8 courses

	PMP certification preparation	**5 days**
	Coaching to improve individual and team performance	**2 days**
ISO 10006	Quality in projects according to ISO 10006	**3 days**
	Project schedule management	**2 days**
	Project cost management	**2 days**
	Standardised work	**2 days**
ISO 21500	Project management according to ISO 21500	**3 days**
	Managing work teams	**2 days**

Indicative durations: the program and duration of each session are adapted to your organisation.

PART 4

4 Electronics: ESD and IPC

Train your teams in protection against electrostatic discharge, and have the acceptance criteria of the IPC standards applied every day, in your workshops.

Courses

COURSE	DURATION
EN 61340-5-1 ESD standard requirements: ESD control program, protected area (EPA) and verifications	3 days
Electronic board repair	3 days

Operational IPC support, in your workshops

We do not offer IPC certification training. We work on your lines, alongside your operators and inspectors, so that the acceptance criteria of the standard are understood and applied every day.

1
Workstation observation
Soldering, inspection, rework: we record deviations and recurring defects.

2
Product class
Together we choose the applicable class (1, 2 or 3), according to your customer's requirements.

3
Criteria at the workstation
Acceptance criteria turned into visual aids adapted to your products.

4
Aligned decisions
Operators and inspectors make the same decisions: target, acceptable or defect.

STANDARD	APPLICATION IN YOUR WORKSHOP
IPC A-610 Acceptability of electronic assemblies	Visual inspection of assembled boards: solder joints, component mounting, cleanliness; acceptance decision according to the product class.
J-STD 001 Requirements for soldered assemblies	Control of hand and machine soldering: materials, methods and checks at the workstations, consistent with the inspection criteria.
IPC 7711/7721 Rework and repair of electronic assemblies	Rework and repair methods adapted to your products, preparation of workstations and tooling.
IPC A-600 Acceptability of printed boards	Incoming inspection of bare printed circuit boards: acceptance criteria and conformity decisions.

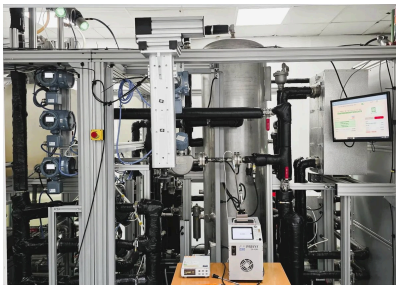
The duration and frequency of our interventions are defined after the assessment of your workshop.

PART 5

5 Metrology and laboratories

Organise metrology at your site, control your instruments and your uncertainties, prepare your laboratory for accreditation.

FD X 07-014 · ISO/IEC 17025 · ISO 15189



Metrology and laboratory accreditation

12 courses

	Introduction to metrology	3 days
FD X 07-014	Optimising calibration intervals (FD X 07-014)	3.5 days
	Improving the metrology function: strategy and tools	4 days
	Consumer and producer risks	2 days
ISO/IEC 17025	ISO/IEC 17025 requirements	3 days
ISO 15189	Accreditation of medical laboratories according to ISO 15189	3 days
ISO/IEC 17025	Implementing an ISO/IEC 17025 quality management system	3 days
ISO/IEC 17025	ISO/IEC 17025 and ISO 19011 internal auditor	3 days
	Metrology techniques and measurements	3 days
	Managing, monitoring and evaluating measuring instruments	4 days
	Method validation and uncertainty estimation	3 days
	Metrology support: 5 courses and one year of support from a qualified metrologist, reserved for metrology managers	1 year

Indicative durations: the program and duration of each session are adapted to your organisation.

PART 6

6 Inspection and industrial safety

Inspection, repair and fitness for service of industrial equipment, and fire risk assessment.

API 653 · ASME IX · API 579

Inspection and industrial safety

4 courses

API 653	Applying API 653: maintenance, repair and inspection of storage tanks	4 days
ASME IX	Applying ASME Section IX: safety of welded repairs	4 days
API 579	Fitness for Service (FFS) according to API 579: safety of pressure vessels and piping	4 days
	Fire hazard assessment: managing fire risk according to standards	4 days

PRACTICAL INFORMATION

Training requests and quotes

All our training courses and support services are delivered in-house, for your teams. Tell us what you need: course, number of participants, audit deadline. We send you a program and a quote, then we set the dates with you.

Contact us

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formation@ntt-tn.com

Sales: commercial@ntt-tn.com
Online quote request:
northside-tn.net/en/contact.html

Find us

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Training center approved by the Ministry of Vocational Training and Employment, approval no. 61-401-21.

Management system certified to ISO 9001:2015 by RoyalCert, certificate no. 09156/NOR09U.

Northside
Trade & Training

Accurate measurement. Compliant production.

Measuring and inspection instruments · Metrology and calibration · Custom special machines · Laboratory fit-out · PPE · Training and consulting