

-EUROSTAT-

GLOBAL SOLUTION
FOR ESD PROTECTION

RIGID & FLEXIBLE PACKAGING | INSTRUMENTATION & IONISATION | EPA ORGANISATION | PERSONAL EQUIPMENT

“Eurostat, pioneer in the protection of electrostatic discharges”

Integrated production of ESD packaging

80's Eurostat has been the **first European pioneers** for nearly 50 years of manufacture, Eurostat has based its being an integrated manufacturer of the products sold and produced a solution to all ESD needs through partnerships.

Vertical model

Eurostat has acquired a unique and precise, with a **vertically integrating facility**, covering raw materials, vacuum forming, flexible manufacturing, and all the necessary operations needed for ESD packaging solutions.

Our proprietary materials

Moreover, due to our intensive investment policy in production equipment since 2006, the company offers **advanced technical evolutions** to the market, as testified by the **patents** and the **commercial names** that the company has registered to provide very unique materials to our customers: **E-STAT®** (FR 14/4101931, EU 13/1873556), **Nano-STAT®** (FR 15/4221290), **Clear-STAT®**, **Soft-STAT®** etc.

As the voting member for France in the IEC committee TC 101, we offer an ESD expertise that we fulfill by engineering new solutions (new materials or finished products...) to satisfy the latest technical evolutions of the industry. We have also invested in our in-house ESD characterization laboratory for a better service to our customer.



GLOBAL SOURCING NETWORK



VOTING MEMBER



MEMBER OF DOU YEE GROUP



35 MILLIONS TURNOVER



+3 000 CUSTOMERS

TODAY EUROSTAT OFFERS 6 PRODUCT FAMILIES



RIGID PACKAGING



FLEXIBLE PACKAGING



PERSONAL EQUIPMENT



EPA ORGANISATION



CLEAN HEALTH

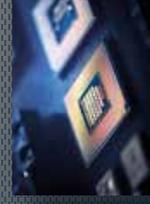
Our range of activities



LIFE SCIENCE



COMPONENT



CARD



MODULE



ASSEMBLY



50 YEARS OF EXPERIENCE



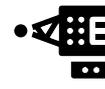
E-SHOPPING SOLUTION



DIRECT PRESENCE IN 15 COUNTRIES



2 FACTORIES



6 SUBSIDIARIES

... technology can be damaged or degraded by the sudden of static electric charge. This electrostatic discharge, or ESD is the reason why companies handling sensitive electronic components must take action to minimize risk."

WHAT IS ESD? (ELECTROSTATIC DISCHARGE)



In order to avoid those damages, it is necessary to implement the protective measures aiming an elimination of all static electricity sources. Nevertheless, if the static discharges appear, Eurostat has developed a whole range of materials and products, providing protection for electrostatic sensitive devices.

• CONDUCTIVE MATERIALS

Allow a **rapid discharge** to ground. These materials ensure a bond with ground but do not mitigate the energy exchanged during a discharge.

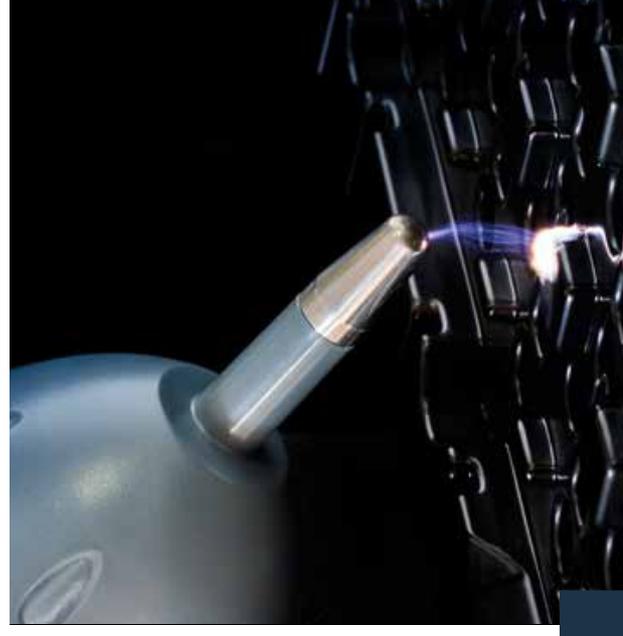
• DISSIPATIVE MATERIALS

Provide a **low energy discharge** from the charge carrier to the ground, reducing the risk of potential damage.

• INSULATIVE MATERIALS

Offer **no grounding** of electrostatic charges.

Static electricity is a phenomenon which happens when two surfaces contact and are then separated. It's at this moment that an exchange in electrons between them can occur, that creates charges at the surface of both materials.



DISCHARGES EFFECTS

Components affected:
Components destroyed or damaged.
Unusable products or degraded performance.
Products with permanent or random malfunctions.
False results during the tests (good results appear later).

Commercial impact:
Need to replace / repair products.
Expensive delays & alterations / increases in production costs.
Damaged image of your business.

EUROSTAT KNOW-HOW

Our **integrated production** enables Eurostat to be a dedicated supplier for the handling and the packing of industrial products sensitive to micro-nuisances.

Over the years, Eurostat has acquired specific industrial know-how resulting in **some original patent pending** industrial processes. Thanks to a long experience in thermoplastic extrusions, Eurostat has engineered some proprietary compounds, such as **E-STAT® or Nano-STAT®**, to offer appropriate and competitive solutions for the protection against ESD hazards.

Eurostat is involved in partnerships to propose innovative logistic solutions meeting emerging and future customer needs.

ING PRODUCTION

knowledge and experience in **physics** and **electronics**, for some innovative solutions of devices sensitive to **particle contamination**, shipment processes.

Eurostat made massive investments in **technology**, **vacuum** and machining of plastic

ESD FLEXIBLE PACKAGING PRODUCTION

Eurostat is the **most important European manufacturer** for flexible packaging dedicated to the protection of devices sensitive to electrostatic discharges.

Thanks to the synergy with **Dou Yee**, Eurostat proposes a complete range of standard and customized bags, **produced in Europe** with technical films, covering all the needs: components, electrical devices or printing circuit boards etc.

MANUFACTURING CAPACITY

Eurostat benefits from a fully vertically integrated production facility:

- Flexible packaging production
- Secondary operations workshop
- Multiple laminated films for complex bags

TRADE

Thanks to the synergy with **IC**, Eurostat has an access to a **full range of consumables**.

Our supplier's dual sourcing strategy allows us to maintain the leverage of our partnership minimizing risks and improving our customers' partnership leads to more satisfied our customers.

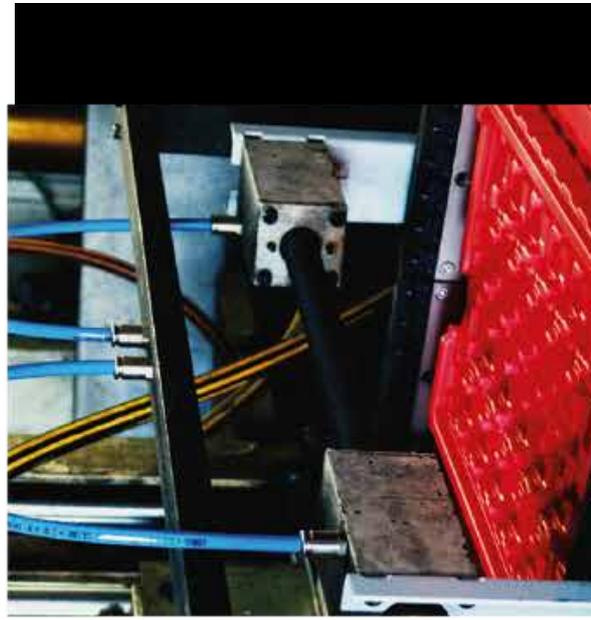
SUPPLY CHAIN

- Holistic platform for consumables
- Integrated industrial model
- Voting Member at the IEC
- Localized Supply chain market

FULL CONTROL OF OUR PRODUCT RANGE

**ONE STOP SHOP FOR ESD SUPPLIES
PARTNERSHIP WITH PREMIUM SUPPLIERS**

THE EXPERTISE OF COMPLETE PROCESSING



"Our expertise of complete processing includes: material selection, packaging design, prototyping, test validation and mass production, completely satisfy our customer needs."

The expertise of complete processing

A VERTICALLY INTEGRATED MANUFACTURING AIMING AT 100% RECYCLED MATERIALS

Eurostat for over 30 years, has been a producer of its own raw material. This allows us to be the **owner of registered innovative materials**, embodying our know-how. These materials are the **result of internal development and collaborations with research facilities and partners world-wide**. These registered materials represent an advancement for the market of protection against micro nuisances.

OUR ORIGINAL AOI PRODUCTION CONTROL

With our patented Automatic Optical Inspection **-AOI-** technology (patent number: FR15/58305), we provide a **full control of the main critical dimensions** of our customer's trays before shipment. Vacuumforming equipments are in a protected environment to eliminate external material contamination.

OUR DESIGN CAPABILITIES

RDM simulation, 3D-printing tools

Thanks to our proprietary material edge, we can accurately estimate material resistance behavior under load, to estimate the utilization during its utilisation. As a **pioneer in 3D-printing**, we provide a fast Turn Around Time for our customers by offering samples of the cavities designed for packaging needs.

Our large scale 3D-printing can also be used to make 3D-printed parts which enable us to offer fast Turn Around Time on final production launching the final production.

Eurostat recycled loop to reuse our raw material consumption for the packaging of ESD Sensitive products



KNOW MORE HERE ABOUT RECYCLING PROGRAM



RIGID PACKAGING

GING

... where plastic material
... is vacuumed to form the
...
... trays cover **all needs**
... **with dissipative, conduc-**
... **materials.**

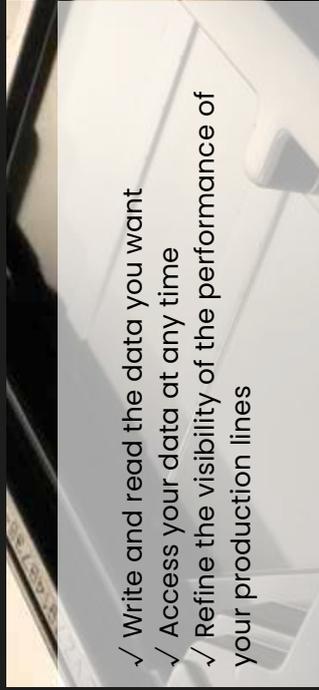
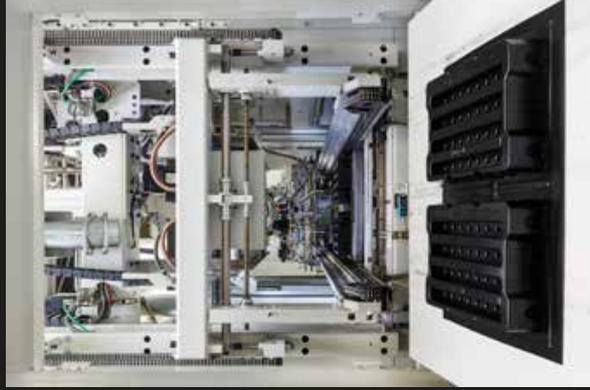
...) x 600 mm Thicknesses
... mm.

... full time monitoring of
... ERP full integrated.

... of vacuumformed trays
... production lines for ESD

... SH VDA/ODETTE LABEL

... -LABEL



- ✓ Write and read the data you want
- ✓ Access your data at any time
- ✓ Refine the visibility of the performance of your production lines



Dissipative trays

- **E-STAT®** The only safe solution to ESD handling
Volume dissipative material, adapted to clean environment.
No heavy metal content, no particular emission due to the absence of carbon powder.

- **Color-STAT®** very cost competitive non blade static dissipative material. Very handy when visual screening is necessary. Color-stat trays have the same characteristics as E-STAT®.

- **Clear-STAT®**
Permanent dissipative and transparent Amorphous PolyEthylene Terephthalate (APET).

- **Black-STAT®**
Eurostat black APET offers an adequate material for the vacuum forming of ESD protective trays combining the strength of APET material.

Conductive trays

- **Nano-STAT®**
PolyStyrene film and carbon Nano tubes. Recommended in protected area when no ESD events can occur. No heavy metal content, does not slough any black carbon. Avoids particle contamination

- **Soft-STAT®**
Soft-Stat® offers a surface that cushions vibrations and mechanical shocks and is tear resistant. Depending on the thickness, Eurostat offers 2 product families: conductive ABS/TPU & conductive PS/PE

Customized solutions:

Eurostat has a long experience and a dedicated workshop specialised in secondary operations for customised solutions.

- Combination of foam with tote boxes and trays
- In house cutting of foam (CNC)
- Divider manufacturing in house
- Assembly of final product in house



Raw materials supplied internally within the group
Dou Yee: N°1 producer of static shielding and moisture barrier
5 production lines in Europe
Customized sizes production ability



5 bags production lines in EU

Eurostat provides a wide range of technical films adapted to all types of sensitive components.

MBB (Moisture Barrier Bags)

Films with different thickness and MVTR for moisture and ESD sensitive components.

Low generating films

Various types of films for the shipment of finished products compatible with ESD sensitive and clean environments.

SSB (Static Shielding Bags)

Films with different thickness for protection of ESD sensitive products.

Low tribocharging bubble film

Offers mechanical protection against shocks and ESD protection.

VCI (Vapor Corrosion Inhibitor)

Low generating films providing a protection to corrosion.

To complement our range of flexible packaging, Eurostat offers sealing machines with or without vacuum. This allow better storage for components sensitives to corrosion humidity and ESD.

- Perfect Flexibility
- Short reaction times



FLEXIBLE PACKAGING



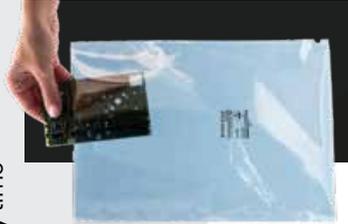
SOLUTIONS

OUR PRODUCTS



Flexible packaging and accessories dedicated to the protection against electrostatic
 es a wide range of **top quality packaging** for protection and shipping of components,
 -assemblies sensitive to electrostatic discharges.

Best dimension, thickness, zip, printing
 and delivery time



nts



g
 ating packaging
 d components

proprietary products made within the group



MBB Bags
 Faraday cage bags
 Moisture barrier
 ✓ For PCBs and components
 ✓ For transportation

Pink PE Bags



Non generating PE
 Limited shelf life
 ✓ Replacement of generating packaging
 ✓ Not suited for PCBs and components
 ✓ Antistatic pink PE film using > 50% of recycled material



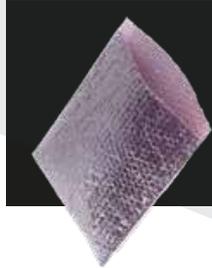
Static Shielding bubble Bags

Electrostatic shielding

Faraday cage

Reinforced mechanical protection

✓ For PCBs and components
 ✓ for transportation



Perm
 ✓ Replacement
 ✓ Not suited f

PACKAGING ACCESSORIES

HIC AND DESSICANTS





"Eurostat provides a wide range of products for ESD protected areas (EPA) to protect against electrostatic discharge"

EQUIPPING AN EPA

The necessary equipment to protect an EPA is as follows:

- A workbench
- A fabric or vinyl chair (vinyl flooring is preferred)
- A table mat,
- A wrist strap/cord
- A universal terminal to ground the workbench,
- A grounding terminal plate for the setup,
- A table ionizer.

Furniture, Floor & Accessories

WORKSPACE AND CONSUMABLES:

- Workbenches
- Chairs & Stools
- Trolleys & Shelves
- Table Mats
- Floor grounding
- Grounding accessories
- Cleaning products



Workstation supplies & Storage

MISCELLANEOUS:

- Workbench organisers
- ESD Blinders & Pouches
- Offices supplies
- Tape
- ESD tools, brushes, swabs
- Packaging accessories



EPA ORGANISATION



Eurostat has developed universal access control systems that locally can make them available on the company network.

STAT-GATE® EPA CONTROL



Solution for wheelchairs and trolleys

- ✓Standard or Contactless measurement
- ✓Measurement < 2 sec
- ✓Entry passing speed 10-15 pers/min to version
- ✓High flexibility in testing mode
- ✓Measure under ± 10 VDC
- ✓Independent measures for left and right
- ✓Test Ranges:

Wrist: 750 KΩ to 35 MΩ

Shoes: 100 KΩ to 200 MΩ

- ✓Test result visualisation: left and right shoes
- ✓Visual and audible indicators of the direction, Left, Right
- ✓Tested equipment & test ranges full software
- ✓Automatically generates reports for the

- ✓Standard or Contactless measurement
- ✓Test operators very quickly < 2 sec.
- ✓Automatically generates reports for the ESD coordinator
- ✓Connected version, RFID reader compatible with most HID cards

✓High flexibility in testing mode

✓Measure under ± 10 VDC

✓Test Ranges:

Wrist: 750 KΩ to 35 MΩ

Shoes: 100 KΩ to 200 MΩ

- ✓Test result visualisation: left and right shoes, wrist
- ✓Visual and audible indicators of the direction of passage: Denied, Left, Right
- ✓Tested equipment & test ranges fully configurable by



INSTRUMENTATION IONISATION

OFFICIAL DISTRIBUTOR OF SIMCO ION

PROLOGY MEASURING INSTRUMENT

Prology has always historically offered **premium quality ESD products**, including measurement equipment for users and auditors alike.

Prology, a member of Prostat, the leading manufacturer of premium ESD control related products



- ESD meter
- ESD indicator
- ESD wrist strap
- ESD resistance System kit
- ESD analysis system kit
- ESD wrist strap kit

PROSTAT



IONISATION

STATIC CHARGE CONTROL FOR SENSITIVE ELECTRONICS

Air ionisation maintains the integrity of components, subassemblies and finished products by neutralising static charge generated during the manufacturing process or during transport to final test and rework.

Official Distributor of Simco Ion, the Worldwide Leader in Ionization Solutions Static Control & Particulate Contamination Control



LIFE SCIENCE MANUFACTURING
Reduce yield losses, improve product quality!

Ionization for every application to control particulate contamination:
For product Assembly or packaging areas
For cleanroom environments
For mini-environment and benchtop areas...

SIMCO ION

An ITW Company





PERSONAL EQUIPMENT

As a member of the Dou Yee Group, World leader in ESD solutions, we offer a equipment for traceability and conformity to industry standards EN-100015, IEC With **quality approvals** for over 13 years, Eurostat are accredited to ISO 9001 – Our internal **characterization laboratory**, allows us to ensure that all of our pro to the highest standard.

We provide dedicated equipment to prevent the possibility of risk to product against electrostatic discharge and particle contamination.

A full offer of ESD safe garments:

- Lightweight ESD labcoats,
- High shielding labcoats,
- ESD safe jackets & sweaters.

Exhaustive range of ESD safe shoes, gloves, finger coats...:

- Eurostat original brand,
- Dedicated partnerships,
- Customized products upon request.



Thanks to the quality organisation set up with Dou Yee and partners in Asia, we provide a **full range of health & care consumables** (Covid-19, Cleanroom environment) in our dedicated catalogue and with a registered commercial name:



- CARE@STAT -

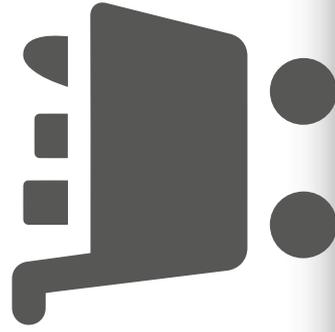


SHOPPING SOLUTION

Shopping interface for a smooth shopping experience:

Product catalogue available with more than 3 000 references sheets
 with responsive interface
 search per references)
 available 24/7

Product list, customer's contract
 accessible through ID and password
 personalized
 Transport details available online
 shop online!
 up.com



EUROSTAT - PRODUCTS - ABOUT US - NORMS - NEWS - CONTACT

My quotations

Quotation references	DATE	Total	Download	Receive by email	Order	Delete
3110	06/24/2021 06:26:26	€850,00	↓	✉	🛒	🗑️
3319	00/24/2021 09:53:51	€3.251,60	↓	✉	🛒	🗑️

Quotations are available 30 days starting from the date of issue

Shopping Cart

Summary

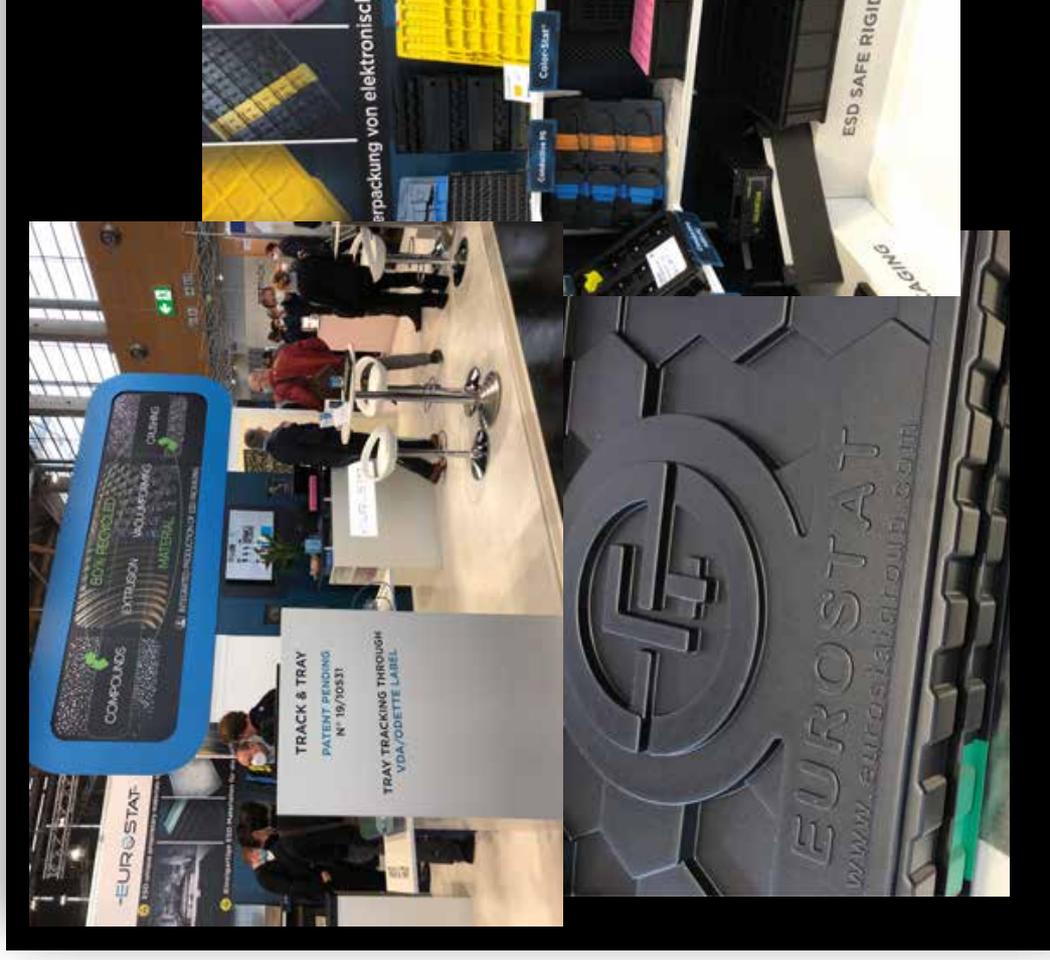
- 2 products
- Shipping
- TOTAL (TAX EXCL.) € 4202,00
- TOTAL (TAX INCL.) € 4798,32
- Shipping tax
- € 570,32
- Subtotal
- € 4202,00
- Shipping tax
- € 596,32
- Total
- € 4798,32

Validation the cart

Your cart is empty -> [Empty cart](#)

COMMUNICATION FOLLOW US...

Presence on international fairs:
 Fachpack, Productronica, Amper, Empack, Everting, SEE...
Partnerships and exhibitions alongside major cataloguists



Follow us on LinkedIn, Instagram & YouTube

T A N D A R D S



ISO 9001

Eurostat has been **officially ISO 9001 certified** for more than 20 years now! Our Quality Department monitors continuous improvement, with an emphasis on performing **internal audits** in order to maintain our quality management system and identify potential trends. Our activities of design, manufacturing and sales of ESD safe products are **regularly evaluated by the international organization LRQA**.

ensures that we continuously align our process to the required **level of** r to offer our customers the best product at the best price

at is also the president of the French Committee (working group TC ated to ESD) at the International Electronical Commission board and **member** status (P member) for France.

articipating to the latest standards setting and we are able to monitor ts evolution and qualify new ESD safe solutions, meeting the current

the protection of devices sensitive to ESD hazards are qualified and to the **IEC 61340-5-1 International Standards** and the defined testing our customers the guarantee of superior quality products.

ality and purchase department are closely following latest regulation . As such, we continually assess our product portfolio and take all the ures with our suppliers to be sure they correctly fulfill their legal and ons.



TRAINING

Certified training institute (agreement number: 43390015239)

IEC – TC 101 – Permanent Voting member for French Committee

3 levels of training following IEC norm guidelines

Level 1 – ESD Awareness

Level 2 – Technical coordinator

Level 3 – In house expert

REPAIR & EXCELLENCE CENTER

Site Audit

Highlight existing in-situ gaps

Characterisation & report

Define the electrostatic features of your product

Technical Service and Installations

Maintenance

Repair

Calibration

Verification

CERTIFICATE
for entering and working in any EPA

PREVENTION AND CONTROL OF STATI
BASICS
LEVEL 1

Agreement N° 43390015239
Mr Name LASTNAME
Company Name
0402/2020
Mr Marc JAMALI, ESD Trainer and
International Electrotechnical Com
actual effective standards.
Mr Marc JAMALI

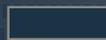
For EUROSTAT Group, certified by



EUROSTAT GROUP

GLOBAL SOLUTION, LOCAL FOCUS

 DIRECT PRESENCE

 DISTRIBUTORS

 WAREHOUSES

 MANUFACTURING SITES

 CITIES SALES OFFICES

