

SG TRAINING

Ingeniería para la producción y el retrabajo de placas electrónicas

We make your production line profitable.

Without process control there is no quality
Without repeatability there is no efficiency
Without efficiency there is no profitability

Without efficiency there is no profitability



 **Sergio Guberman**
 sergio@sgtraining.com.ar
 +54 9 11 3038 5063
 www.sgtraining.com.ar

¿Who are we?

A consultancy focused on making your production or rework line for electronic boards more efficient and profitable.

Specialists in training personnel and providing global solutions

More than 35 years of experience in the electronics industry

SMT / THT / BGA production processes

Electronic board rework

Production line optimization

Product engineering and re-engineering

Implementation of process control (AOI, traceability)

Lead-free technology



¿Who am I?

Head of SG TRAINING



Specialist in electronic soldering processes
(THT, SMT, BGA and Lead Free)

+14 years Adjunct Postgraduate Professor at FI-UBA (DfM)

+25 years providing technical support for LATAM at PACE Worldwide

+3 years in Electronics R&D Laboratory at INTI – Micro and Nano Technologies

+35 years in electronic manufacturing

Focused on real improvement of production processes,
combining plant experience and technical training

¿What do we do?

- We inspect your equipment and ensure its proper operation
- We analyze and optimize your production processes
- We train your personnel with a focus on operation and continuous improvement
- We adjust, calibrate and improve the performance of workstations
- We advise on the purchase, repair or modification of equipment and tools
- We optimize costs without compromising process quality

We make your production line profitable.



Training

On-site or remote · With your tools or ours - For companies, schools and universities

- *Electronic board soldering (Basic principles)
- *Soldering and desoldering in SMT technology
- *Rework and reballing in BGA technology
- *Lead-free processes
- *Electronic board assembly
- *Board assembly in production lines
- *Assembly processes for production lines
- *Efficiency improvement (5S, Lean Manufacturing, Six Sigma, TPM, Process mapping)
- *Quality and management systems (standards, certifications, continuous improvement)
- *Customized programs according to customer needs



Equipment, consumables and solutions for electronic production

- Pick & Place
- Reflow ovens
- Wave / selective soldering
- Inspection systems (SPI / AOI / X-ray)
- Board and stencil cleaning machines
- Loaders / unloaders
- Preformers
- Rework station

SG TRAINING

Ingeniería para la producción y el retrabajo de placas electrónicas

We make your production line profitable.

Without process control there is no quality
Without repeatability there is no efficiency
Without efficiency there is no profitability

Without efficiency there is no profitability



 **Sergio Guberman**
 sergio@sgtraining.com.ar
 +54 9 11 3038 5063
 www.sgtraining.com.ar