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**SUBJECT** **TRAININGS CALENDAR 2004  
(September – December)**

Attached we are sending the Instrumentation Training Calendar 2004 for the next months.

As you know these Trainings are addressed to Technical Service Managers that will be in charge of installing, programming, providing technical service to the end users and also training customers how to operate with them.

The dates are the following:

**BEST 2000**

September: week from 13<sup>th</sup> to 17<sup>th</sup>

November: week from 8<sup>th</sup> to 12<sup>th</sup>

**BQA**

October: week from 4<sup>th</sup> to 8<sup>th</sup>

December: week from 13<sup>th</sup> to 17<sup>th</sup>

Attached you will find the corresponding agendas.

If you are interested in some of these trainings, please let us know as soon as possible your confirmation, as well as your travel details in order to make the necessary arrangements for the hotel reservations.



# BEST 2000 Training Course

## Day 1

1. **Instrument Presentation**
2. **Removing Hardware Components**
  - 2.1. Covers
  - 2.2. Absorbance Reader
  - 2.3. Ambient Drawer
  - 2.4. Incubator Modules
  - 2.5. Pipette Module
  - 2.6. Barcode Reader
  - 2.7. Containers
  - 2.8. Wash Module
  - 2.9. Power Supply Module
  - 2.10. Communication Module
  - 2.11. PCB
  - 2.12. Tubing (Fluidic System)
3. **Design, Repairing and Replacement Internal Hardware Components**
4. **Q & A**

## Day 2

5. **Design, Repairing and Replacement Internal Hardware Components (Continue)**
6. **Reassembly Hardware Components**
7. **Instrument and Software Installation**
  - 7.1. Overview of Software
8. **Basic Servicing Software**
  - 8.1. Calibration Jigs Presentation
  - 8.2. Calibration
    - 8.2.1. Modules
    - 8.2.2. Workspace
    - 8.2.3. Belts
  - 8.3. Plate Movement Verification (Cycle Test)
  - 8.4. Pipette and Washer Verification
9. **Q & A**
10. **Maintenance**
  - 10.1. Routine Maintenance
  - 10.2. Cleaning and Descontamination
11. **Troubleshooting**
12. **Assays Procedures Installation**

# **BEST 2000 Training Course**

## **Day 3**

### **13. Work list and Assays Run**

- 13.1. Work list and Profiles Creation
- 13.2. Timer Scheduler
- 13.3. Automatic Error Recovery and Events Log
- 13.4. Real Practices
- 13.5. Reports View and Printout

### **14. Q & A**

## **Day 4**

### **15. Work list and Assays Run (Continue)**

### **16. Software Assays Programming**

- 16.1. Reagents and Controls Database
- 16.2. Plate Wash Parameters Database
- 16.3. Steps Programming and Definition
- 16.4. Data Reduction Programming
- 16.5. Report Configuration

### **17. Q & A**

# BQA Training Course

## Day 1

1. **Instrument Presentation**
2. **Removing Hardware Components**
  - a. ASP (Auto Sampler)
  - b. SPT (Sample Pipette)
  - c. RPT (Reagent Pipette)
  - d. SPP (Sample Pump)
  - e. RPP (Reagent Pump)
  - f. IRU (Incubation Reaction Unit)
  - g. DTR (Detector)
  - h. RCU (Reagent Container Unit)
  - i. MIX1/MIX2 (Mixer)
  - j. WU (Wash Unit)
  - k. SWU (Supply Water Unit)
  - l. WPP (Wash Pump)
  - m. ISE (Ion Selectable Electrode)
  - n. PCB
  - o. Control Signal
  - p. Power Supply
  - q. Tubing (Fluidic System)
3. **Design, Repairing and Replacement Hardware Components**
4. **Q & A**

## Day 2

5. **Design, Repairing and Replacement Hardware Components (Continue)**
6. **Reassembly Hardware Components**
7. **Instrument and Software Installation**
8. **Service Software**
  - 8.1. Flash upgrade
  - 8.2. Checker programs
  - 8.2. Parts alignment and calibration
9. **Verification**
10. **Q & A**
11. **Verification**

# BQA Training Course

## Day 3

### 12. Maintenance

- 13.1. Daily Maintenance and Cleaning
- 13.2. Preventive Maintenance
- 13.3. Parts Replacement by Operator
  - i. Syringe Plunger Tips
  - ii. Halogen Lamp
  - iii. Stirrer
  - iv. Pipette
  - v. Primary Fuse

### 13. Troubleshooting

### 14. Run Using Reagents

### 15. Q & A

## Day 4

### 16. Run Using Reagents (Continue)

### 17. POP (Proof of Performance) of all Quantex Reagents

- a. Calibration Data
- b. Precision Test
- c. Detection Limit
- d. Linearity
- e. Prozone
- f. Test Range
- g. Quantification Limit
- h. Sample Carryover
- i. On Board Reagent Stability
- j. Calibration Stability
- k. Method Comparison

### 18. Q & A