



**TECHNICAL BULLETIN**

**SUBJECT: SYSTEM INSTALLATION CHECKLIST**

***Introduction***

Thank you for your recent order of a Recortest III, Recortest Open, GTC-10000, FTS-1000, or STS-10000 hydrostatic testing system. Your order is being processed and will be shipped to you on the date specified by the new equipment salesman on your acknowledgement.

Depending on which system you purchased, your system start up and training will take two or three days. To ensure efficient use of the field service technicians' time it is essential that checklist below is complete prior to the technicians' arrival. The technician will install pneumatic and pressure connections on the machine, but may require assistance from your own engineer. Services to and from the machine are your responsibility. This list is for your benefit. Experience has shown us that unless all the items below are completed before our technician's arrival, additional time may be spent for the installation. All these items will need to be complete at some time, so help us to help you by ensuring they are done before we come!

We will need a signed, returned form before we commence installation.

***Checklist***

ITEM	COMPLETION DATE	COMPLETE ✓
1. Review pit layout and plumbing with a Galiso technician.		
2. All test equipment to be un-crated and located at approximate pit site.		
3. I-beam and hoist installed and centred over test jackets.		
4. Test jackets installed in the pit and ready to be bolted down. We locate before fixing.		
5. A 220 volts ac, dedicated power source, with ground fault interrupt circuit, to be within 3 feet of the anticipated site of your hydrostatic tester.		
6. If purchasing either a PCT-122, or PCT-151 you will need a separate power source of 220 volts ac, with ground interrupt circuit to be within 8 ft of the anticipated site of your cylinder inverter.		
7. 1/2" water supply of sufficient capacity within 2 feet of hydrostatic tester.		
8. 1/2" air supply of sufficient capacity within 2 feet of hydrostatic tester.		
9. If purchasing either a PCT-122 or PCT-15, you will need a 1/2" air supply of sufficient capacity and a 3/4" hot water line of sufficient capacity within 2 feet of the cylinder inverter.		

*See catalogue for individual item requirements.*

Please sign when all items are complete and fax to the number below.

I certify that all the items marked above are complete and that we are ready for installation of our Galiso test system. I understand that technician's time on site will be charged as below if installation is not completed in the time scheduled.

Name \_\_\_\_\_  
Print

Signature \_\_\_\_\_

EUROPEAN SALES & SERVICE COORDINATORS FOR  GALISO PRODUCTS

Please note that Galiso's field service technicians are not certified plumbers, electricians or contractors, so we will not do any wiring, plumbing, dig pits, or pour concrete. Any of the above items not done before the Field Service Technicians arrival will shorten the actual training time on your machine. Any time run over the allotted 2 or 3 days will be billed to your company at £75 per hour plus expenses or £500 per day. If you have any questions, please call your new equipment salesman.

## Installation and commissioning schedule

Individual installation schedules may vary depending on circumstances. The following assumes no site-specific difficulties and is a general guide for training 2 to 5 operatives. Note that more operatives will take longer.

<b>Day 1</b>		
Morning	Arrive on site, check status of installation. System should already be unpacked with component status as below: <ul style="list-style-type: none"> <li>✓ Test jackets located in pit/on floor</li> <li>✓ Drain functioning</li> <li>✓ Hoist installed and operational</li> <li>✓ Power ready for final connection</li> <li>✓ Water ready for final connection</li> <li>✓ Air ready for final connection</li> <li>✓ All installation items (tube, components etc) available</li> <li>✓ Good set of tools available, including floor fixings and drill</li> <li>✓ Staff available to assist (and translate if required)</li> </ul>	
	<b>RecIII</b>	<b>RecOpen, GTC-8000, 10,000</b>
	With assistance from local staff, locate and fix test jacket(s), RSP and console, make final connections to expansion lines, air electricity and water as required. Route and connect high pressure lines, and lines between RSP and console. Initial power up and check for leaks.	With assistance from local staff, make final connections to expansion lines, air electricity and water as required. Route and connect High Pressure lines, Locate and fix Test jacket(s)
Afternoon		Initial power up and check for leaks Commission and calibrate system using calibration cylinder
<b>Day 2</b>		
Morning	Complete commissioning and calibrate system using calibration cylinder <u>Training</u> <ul style="list-style-type: none"> <li>✓ System introduction</li> <li>✓ System operation overview</li> </ul>	<u>Training</u> <ul style="list-style-type: none"> <li>✓ System introduction</li> <li>✓ System operation overview</li> <li>✓ Individual component location and function</li> <li>✓ System safety</li> <li>✓ Individual operator hands-on operation</li> <li>✓ Hazard identification and removal</li> </ul>
Afternoon	<ul style="list-style-type: none"> <li>✓ Individual component location and function</li> <li>✓ System safety</li> <li>✓ Individual operator hands-on operation</li> <li>✓ Hazard identification and removal</li> <li>✓ General operational techniques</li> </ul>	<ul style="list-style-type: none"> <li>✓ General operational techniques</li> <li>✓ Fault finding techniques</li> <li>✓ Maintenance</li> <li>✓ Questions and answers</li> <li>✓ Exam</li> <li>✓ Final discussion</li> </ul>

<b>Day 3</b>		
Morning	<ul style="list-style-type: none"> <li>✓ Fault finding techniques</li> <li>✓ More operator hands-on operation</li> <li>✓ Maintenance</li> <li>✓ Questions and answers</li> <li>✓ Exam</li> <li>✓ Final discussion</li> </ul>	Use of ancillary equipment

## Installation Charges

GTC/RecOpen £ 2500

RecIII                      Included in system price

Charge includes travel time and training literature for up to five persons

On completion an installation manual will be forwarded showing system status at commissioning, details of training and attendees names and Pass Certificates for successful examinees.

Additional days at £500 per day

Additional manuals £55 each

Non-Standard installation, servicing, maintenance £500 per day. Travel time booked at day rate .

Prices exclude travel, hotel, ground transport and other expenses; travel (business class) is booked by us and invoiced at cost.

Installation and commissioning (including flight cost) is invoiced and (required to be paid) before travel, other expenses are invoiced at cost after completion.