

## Software Recording Capability:

The Software of the REC4 and REC4 Open systems is built to address all criteria required for recording the hydrostatic test.

### Data Entry

The Data Entry Screen allows testing of the cylinder with as little as 3 inputs (S/N , Manufacture Date, and Gas Service) The cylinder codes can be used to fill in other data. The cylinder codes are editable so you can add your own codes or revise the ones in the system. The Customer and Manufacturer can default from the previous test. Cylinder serial #'s and information can be pre-entered so the operator can start typing the cylinder and a list will come up of cylinders with those s/n's. Once the cylinder is picked the rest of the data is applied automatically.

The screenshot shows a software interface with four columns labeled '1 Data Ready', '2 Data Ready', '3 Data Ready', and '4 Data Ready'. Each column contains a form for entering test data. The forms include sections for 'Customer/Manufacturer Information', 'Cylinder Properties', and 'Qualification Test Parameters'. At the bottom, there are status indicators for 'All Data Ready' (100%), 'Pressure' (1 PSI, 0%), and 'Restart', 'Start', and 'Stop' buttons. Below that are 'Jacket 1 Status' through 'Jacket 4 Status' and 'Retest Options'.

### Cylinder Requalification Report

**Galiso, Inc**

22 Ponderosa Ct  
Montrose, CO 81401

DOT/TC Registration #

Code Has Three Letters: 1st Letter: Visual Test, 2nd Letter: % Perm Exp Test, 3rd Letter: REE Test  
Letter Code: P=Passed, F=Failed, N=Not Applicable, A=Aborted Example: PPP=Passed Visual, Passed % Perm, Passed REE

Operator Signature: \_\_\_\_\_ Date Signed: \_\_\_\_\_  
Supervisor Signature: \_\_\_\_\_ Date Signed: \_\_\_\_\_

I hereby certify that all the following tests were made under my supervision and in accordance with DOT/CTC regulations.

#	Test Date Test Time	Operator	Serial Number Cyl Owner	Size Service	Cyl MFG. MFG. Date	REE Source	Rating Unit	Specified Actual	Test Time	Total Elastic	Perm Percen	+* VE	VE Date Ref Ring	Disposition Remark
1	10/13/2010 13:22	Dennis	GHH01011347E CHE1	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 4685	30	9620.9 0.0	0.0 0.0			FAA GHH6G12
2	10/13/2010 13:28	Dennis	GHH01011347E CHE1	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10026	30	132.3 132.3	0.0 0.0			PPN GHH6G12
3	10/13/2010 13:29	Dennis	GHH01011347E CHE1	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10044	30	132.3 132.3	0.0 0.0			PPN GHH6G12
4	10/13/2010 13:31	Dennis	GHH01011347E CHE1	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10099	30	132.9 132.9	0.0 0.0			PPN GHH6G12
5	10/13/2010 13:32	Dennis	GHH01011347E CHE1	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10114	30	133.0 133.0	0.0 0.0			PPN GHH6G12
12	10/14/2010 13:06	Dennis	GHH00021198D FIR77	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10120	30	133.6 133.6	0.0 0.0			PPN GHH6G12
13	10/14/2010 13:07	Dennis	GHH00021198D FIR77	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10157	30	133.9 133.9	0.0 0.0			PPN GHH6G12
14	10/14/2010 13:09	Dennis	GHH00021198D FIR77	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10077	30	132.7 132.7	0.0 0.0			PPN GHH6G12
15	10/14/2010 13:10	Dennis	GHH00021198D FIR77	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10053	30	132.3 132.3	0.0 0.0			PPN GHH6G12
16	10/14/2010 13:11	Dennis	GHH00021198D FIR77	HEAD H2O	GALISO 10/10	0 NA	PSI	10000 10060	30	132.4 132.4	0.0 0.0			PPN GHH6G12

Test Date(s): 10/13/2010 - 10/14/2010

10/14/2010 3:20:39PM

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Test Report lists all of the cylinder information and test results. These results can be sorted by Date, Customer, Pass/Fail, Operator. The reports can be exported to multiple locations if part of an intranet.

### Visual Inspection

Cylinder failure is most often determined by visual inspection. The visual inspection screen allows you to record the reason for failing the cylinder and any notes the operator may have on the cylinder.

The screenshot shows a software interface for visual inspection. It includes fields for 'Customer/Manufacturer Information', 'Reasons for Failed Visual' (with checkboxes for various failure modes like 'Visual Eddy', 'No Hold Pressure', 'Neck Crack', etc.), and 'Qualification Test Parameters'. A 'Write Data' button is at the bottom.