CLAIMS

1. A system comprising:

a tubing hanger; and

a control line coupled to the tubing hanger with a control line connection assembly, the control line connection assembly including:

a first fitting disposed about the control line and connected to the control line and to the tubing hanger such that the first fitting seals against both the control line and the tubing hanger;

a main body disposed about the control line and connected to the tubing hanger such that the main body seals against the tubing hanger, wherein the main body is connected to the tubing hanger via mating threaded surfaces; and

a second fitting disposed about the control line and connected to the control line and to the main body such that the second fitting seals against both the control line and the main body;

an internal cavity defined by the main body, the tubing hanger, the first fitting, and the second fitting; and

a test port connected in fluid communication with the internal cavity.

2. The system of claim 1, wherein the test port enables verification of sealing engagement of the first fitting with the control line and the tubing hanger, of the main body with the tubing hanger, and of the second fitting with the control line and the main body.

3. The system of claim 2, wherein the test port is provided in the main body.

4. The system of claim 1, wherein the first fitting is connected to the tubing hanger via mating threaded surfaces.

5. The system of claim 1, wherein the second fitting is connected to the main body via mating threaded surfaces.

6. The system of claim 1, wherein the control line is in fluid communication with an internal conduit of the tubing hanger.

7. The system of claim 1, comprising an additional control line coupled to the tubing hanger with an additional control line connection assembly.

8. The system of claim 1, wherein the control line is coupled to a hydraulically actuated component disposed in a well.

9. A system comprising:

a tubing hanger;

a control line coupled to the tubing hanger with a control line connection assembly, the control line connection assembly including:

a first fitting disposed about the control line and connected to the control line and to the tubing hanger such that the first fitting seals against both the control line and the tubing hanger;

a main body disposed about the control line and connected to the tubing hanger such that the main body seals against the tubing hanger; and

a second fitting disposed about the control line and connected to the control line and to the main body such that the second fitting seals against both the control line and the main body;

an internal cavity defined by the main body, the tubing hanger, the first fitting, and the second fitting;

a test port connected in fluid communication with the internal cavity; and

an additional control line coupled to the tubing hanger with an additional control line connection assembly, wherein the control line and the additional control line are in fluid communication with one another via an internal conduit of the tubing hanger.

10. A system comprising:

a tubing hanger; and

a control line connection assembly comprising:

a plug including a first threaded end, which is configured to be coupled to the tubing hanger, and a second threaded end;

a hydraulic fitting including a threaded end configured to be coupled to the second threaded end of the plug; and

an additional hydraulic fitting including a threaded end configured to be coupled to the tubing hanger;

wherein the plug includes a test port in fluid communication with an interior of the plug, the first threaded end of the plug is screwed into a first recess of the tubing hanger, and the threaded end of the additional hydraulic fitting is screwed into a second recess of the tubing hanger that is concentric with the first recess.

11. The system of claim 10, wherein the hydraulic fitting and the additional hydraulic fitting are coupled to a control line, and the threaded end of the hydraulic fitting is coupled to the plug so as to define an enclosed cavity within the plug and the tubing hanger, the enclosed cavity including the interior of the plug.

12. A method comprising:

connecting a first hydraulic fitting on a control line to a wellhead hanger;

connecting a plug disposed about the control line to the wellhead hanger;

connecting a second hydraulic fitting on the control line to the plug;

using a test port in the plug to verify proper sealing at: the connection between the first hydraulic fitting and the wellhead hanger, the connection between the plug and the wellhead hanger, and the connection between the second hydraulic fitting and the plug; and

lowering the wellhead hanger into a wellhead after using the test port in the plug to verify the proper sealing.

13. The method of claim 12, wherein connecting the first hydraulic fitting on the control line to the wellhead hanger includes threading the first hydraulic fitting into the wellhead hanger.

14. The method of claim 13, wherein connecting the plug to the wellhead hanger includes threading the plug into the wellhead hanger such that an end of the first hydraulic fitting is received within an internal cavity inside the plug.

15. The method of claim 12, comprising tightening the first and second hydraulic fittings to grip and seal against the control line.

16. The method of claim 15, wherein connecting the plug to the wellhead hanger includes connecting the plug to a tubing hanger.