WHAT IS CLAIMED IS:

1. A scaffold (**30**, **230**) comprising:

a plurality of spaced lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**), each of the plurality of lower support members including a plurality of first routing supports (**53**, **56**, **253**, **256**) for spacing a plurality of turns (**51**) of an associated first test wire (**8**), when the first test wire is wound around the plurality of lower support members;

a plurality of spaced upper support members (**41**, **42**, **43**, **44**, **45**, **341**, **342**, **343**, **344**, **345**), each of the plurality of upper support members including a plurality of second routing supports (**61**, **63**, **261**, **263**) for spacing a plurality of turns (**52**) of an associated second test wire (**9**), when the second test wire is wound around the plurality of upper support members;

a closure member (**64**, **270**) which provides for connections between ends of the first test wire (**8**) and respective associated external conductors (**100**, **101**) and provides for connections between ends of the second test wire (**9**) and respective associated external conductors (**102**, **103**);

the closure member (**64**, **270**), or an upper cross member (**76**) attached thereto, being attached to a first end (**48**, **348**) of each of the plurality of upper support members; and

a second cross member (**74**, **274**), longitudinally spaced from the closure member (**64**, **270**), the second cross member being attached to a first end (**38**, **238**) of each of the plurality of lower support members and attached to a second end (**47**, **347**) of each of the plurality of upper support members to laterally space the plurality of lower support members and the plurality of upper support members.

2. The scaffold (**30**, **230**) according to claim 1, further comprising:

a third cross member (**72**, **272**), longitudinally spaced from the closure member (**64**, **270**) by the second cross member (**74**, **274**), the third cross member being attached to a second end (**37**, **237**) of each of the plurality of lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**).

3. The scaffold (**30**, **230**) according to claim 1 or 2, wherein at least one of the first routing supports (**53**, **56**, **253**, **256**) on the lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**) includes an aperture (**300**) for receiving the first test wire (**8**) therethrough.

4. The scaffold (**30**, **230**) according to any prior claim, wherein the first and second routing supports (**53**, **56**, **61**, **63**, **253**, **256**, **261**, **263**) comprise notches.

5. The scaffold (**30**, **230**) according to any prior claim, wherein the first and second routing supports (**53**, **56**, **61**, **63**, **253**, **256**, **261**, **263**) are longitudinally spaced on the respective upper and lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**).

6. The scaffold (**30**, **230**) according to any prior claim, wherein each of the lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**) includes at least three, or at least four, or at least five of the first routing supports (**53**, **56**, **253**, **256**) and each of the upper support members includes at least three, or at least four, or at least five of the second routing supports (**61**, **63**, **261**, **263**).

7. The scaffold (**30**, **230**) according to any prior claim, wherein there are at least four, or at least five, or at least six upper support members (**41**, **42**, **43**, **44**, **45**, **341**, **342**, **343**, **344**, **345**) and/or wherein there are at least four, or at least five, or at least six lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**).

8. The scaffold (**230**) according to any prior claim, wherein the second cross member (**274**) includes arcuately spaced slots (**282**), the second ends (**347**) of the upper support members (**341**, **342**, **343**, **344**, **345**) being received in alternate ones of the slots, the first ends (**238**) of the lower support members (**231**, **232**, **233**, **234**, **235**) being received in remaining alternate ones of the slots.

9. The scaffold (**30**, **230**) according to any prior claim, wherein at least one of a length of each wire turn defined by the plurality of lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**) and a number of the first routing supports (**51**, **53**, **251**, **253**) differs from at least one of a length of each wire turn defined by the plurality of upper support members (**41**, **42**, **43**, **44**, **45**, **341**, **342**, **343**, **344**, **345**), and a number of the second routing supports (**61**, **63**, **261**, **263**) to provide an equal routing length for the first and second test wires (**8**, **9**).

10. The scaffold (**30**, **230**) according to any prior claim, wherein the plurality of spaced lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**) are longitudinally aligned with a central axis of the scaffold and the plurality of

spaced upper support members (**41**, **42**, **43**, **44**, **45**, **341**, **342**, **343**, **344**, **345**) are longitudinally aligned with the central axis.

11. An assembly (**140**, **240**) comprising:

the scaffold (**30**, **230**) of any prior claim; and

the first and second test wires(**8**, **9**), the first and second test wires being electrically conductive; and optionally, wherein the first and second test wires (**8**, **9**) are of equal length; and optionally, wherein the first and second test wires (**8**, **9**) are of equal diameter; and optionally, wherein at least one of the first and second test wires (**8**, **9**) is formed of copper or an alloy thereof.

12. A testing device (**1**) comprising:

the scaffold **(30**, **230**) of any one of claims 1- 10 or the assembly (**140**, **240**) of claim 11; and

a housing (**110**, **210**) shaped to receive the scaffold with the closure member (**64**, **270**) of the scaffold closing an upper end of the housing to form a vessel (**2**) for holding an associated liquid (**4**) in contact with the first test wire (**8**) such that a vapor phase of the liquid contacts the second test wire (**9**).

13. The testing device (**1**) of claim 12, further comprising:

one of first and second electrical systems, the first electrical system comprising:

a first current source (**12**) connected across ends of the first test wire (**8**) to supply an electric current through the first test wire;

a second current source (**18**) connected across ends of the second test wire (**9**) to supply an electric current through the second test wire;

a first voltmeter (**10**) connected across ends of the first test wire (**8**) to measure a voltage across the first test wire; and

a second voltmeter (**16**) connected across ends of the second test wire (**9**) to measure a voltage across the second test wire; and

the second electrical system comprising:

a first voltage source connected across ends of the first test wire (**8**) to generate a voltage through the first test wire;

a second voltage source connected across ends of the second test wire to generate a voltage through the second test wire;

a first ammeter connected across ends of the first test wire (**8**) to measure an electric current across the first test wire; and

a second ammeter connected across ends of the second test wire (**9**) to measure an electric current across the second test wire.

14. A testing apparatus comprising the testing device (**1**) of any one of claims 12-13, further comprising:

a monitoring system (**20**) which receives signals from the first voltmeter (**10**) and the second voltmeter (**16**) or from the first ammeter and the second ammeter and computes and outputs information (**22**) based thereon; and optionally, wherein the information (**22**) comprises a measure of the corrosion of each of the test wires (**8**, **9**); and optionally, wherein the measure of the corrosion of each of the test wires (**8**, **9**) comprises a computed change in a diameter or radius of the test wires.

15. A method comprising:

wrapping a first test wire (**8**) around a plurality of spaced lower support members (**31**, **32**, **33**, **34**, **35**, **36**, **231**, **232**, **233**, **234**, **235**) of a scaffold (**30**, **230**);

wrapping a second test wire (**9**) around a plurality of spaced upper support members (**41**, **42**, **43**, **44**, **45**, **341**, **342**, **343**, **344**, **345**) of the scaffold;

introducing a test fluid to a housing (**110**, **210**);

inserting the scaffold and first and second test wires into the housing such that the second test wire (**9**) is spaced from a liquid phase (**4**) of the test fluid and the closure member (**64**, **270**) closes an open end of the housing;

heating the test fluid in the housing to generate a vapor phase (**6**), which contacts the second test wire (**9**);

measuring an electrical property of the first and second test wires, which changes over time; and

determining information (**22**) based on a change in the electrical property of each wire; and, optionally, wherein the measuring of the electrical property of the first and second test wires (**8**, **9**) over time comprises one of an electric current and a voltage, the other of the electric current and voltage being controlled; and, optionally, wherein the information (**22**) comprises a measure of corrosion of the test wires (**8**, **9**).