Current 9.1.4 Criterion as being balloted:

9.1.4 Information and Reporting in Preparation for Re-use and Recycling (Prerequisite for Silver and Gold) *(JC Straw Balloted December 2014)*

The manufacturer shall publish a “manual” for third party re-use and recycling organizations, in at least English, with the information listed below, including the same information as provided by the manufacturer for use by its technicians for the same purposes as follows:

- Manual shall be available on a publicly accessible website without restriction for access. The manufacturer shall declare the URL of the public disclosure.

- The manual shall be published in any region or country and the manufacturer shall have a written procedure that makes the manual publically available for a minimum of 7 years following the end of production of the product.

The manual shall contain the following information about preparation for re-use and recycling:

- The different EEE components and materials; and

- The location of materials with special handling needs as identified in WEEE Directive 2012/19/EU Annex VII; and

- Technical reference of each individual sub-assembly providing pin diagram and make and model of each connector capable of being field terminated as provided to manufacturer repair/authorized service centers; and

- The components that cannot be replaced by non-manufacturer supplied components; and

- An updated list, at least annually, of any components provided by the manufacturer that are compatible or equivalent with original components; and

- A disassembly or end of life characterization report that demonstrates conformity to all the prerequisites in Section 9.1 and includes, at a minimum, step-by-step disassembly instructions with required tools, product specifications and troubleshooting information.

The function specified in the manufacturer’s user manual, repair manual or technical manual should be used to determine original intended function, and to assist with the preparation for re-use or treatment operations.

The manual shall meet the following formatting requirements:

- Available in user-friendly formatting on the web and as downloadable PDFs for offline viewing; and

- Available in machine-friendly file format: either XML or oManual/IEEE 1874 – IEEE Standard for Documentation Schema for Repair and Assembly of Electronic Devices; and

- Provided under an open-source license that allows redistribution and modification such as Creative Commons ([www.creativecommons.org](http://www.creativecommons.org)) (CC-BY).

**Recommended 9.1.4 Amendments** – 9.1.4 is split into two criteria, a required criterion (9.1.4) with some of the manual content requirements deleted and one optional criterion (9.6.1) containing the manual content requirements that were deleted in the new 9.1.4 and one other text deletion. A new section of optional criteria 9.6 is proposed

**9.1.4 Information and Reporting in Preparation for Re-use and Recycling (Prerequisite for Silver and Gold)**
The manufacturer shall publish a “manual” for third party re-use and recycling organizations, in at least English, with the information listed below, including the same information as provided by the manufacturer for use by its technicians for the same purposes as follows:

- Manual shall be available on a publically accessible website without restriction for access. The manufacturer shall declare the URL of the public disclosure.

- The manual shall be published in any region or country and the manufacturer shall have a written procedure that makes the manual publically available for a minimum of 7 years following the end of production of the product.

The manual shall contain the following information about preparation for re-use and recycling:

- The different EEE components and materials; and

- The location of materials with special handling needs as identified in WEEE Directive 2012/19/EU Annex VII; and

- Technical reference of each individual sub-assembly providing pin diagram and make and model of each connector capable of being field terminated as provided to manufacturer repair/authorized service centers; and

- The components that cannot be replaced by non-manufacturer supplied components; and

- An updated list, at least annually, of any components provided by the manufacturer that are compatible or equivalent with original components; and

- A disassembly or end of life characterization report that demonstrates conformity to all the prerequisites in Section 9.1 and includes, at a minimum, step-by-step disassembly instructions with required tools, product specifications and troubleshooting information.

The function specified in the manufacturer’s user manual, repair manual or technical manual should be used to determine original intended function, and to assist with the preparation for re-use or treatment operations.

The manual shall meet the following formatting requirements:

- Available in user-friendly formatting on the web and as downloadable PDFs for offline viewing; and

- Available in machine-friendly file format: either XML or oManual/IEEE 1874 – IEEE Standard for Documentation Schema for Repair and Assembly of Electronic Devices; and

- Provided under an open-source license that allows redistribution and modification such as Creative Commons (www.creativecommons.org) (CC-BY).

9.6 Information and software tools for reuse and recycling

9.6.1 Information and Reporting in Preparation for Re-use and Recycling (New optional criterion)

The manufacturer shall publish a “manual” for third party re-use and recycling organizations, in at least English, with the information listed below, including the same information as provided by the manufacturer for use by its technicians for the same purposes as follows:

- Manual shall be available on a publically accessible website without restriction for access. The manufacturer shall declare the URL of the public disclosure.
The manual shall be published in any region or country and the manufacturer shall have a written procedure that makes the manual publically available for a minimum of 7 years following the end of production of the product.

The manual shall contain the following information about preparation for re-use and recycling:

- The different EEE components and materials; and
- The location of materials with special handling needs as identified in WEEE Directive 2012/19/EU Annex VII; and
- Technical reference of each individual sub-assembly providing pin diagram and make and model of each connector capable of being field terminated as provided to manufacturer repair/authorized service centers; and
- The components that cannot be replaced by non-manufacturer supplied components; and
- An updated list, at least annually, of any components provided by the manufacturer that are compatible or equivalent with original components; and
- A disassembly or end of life characterization report that demonstrates conformity to all the prerequisites in Section 9.1 and includes, at a minimum, step-by-step disassembly instructions with required tools, product specifications and troubleshooting information.

The function specified in the manufacturer’s user manual, repair manual or technical manual should be used to determine original intended function, and to assist with the preparation for re-use or treatment operations.

The manual shall meet the following formatting requirements:

- Available in user-friendly formatting on the web and as downloadable PDFs for offline viewing; and
- Available in machine-friendly file format: either XML or oManual/IEEE 1874 – IEEE Standard for Documentation Schema for Repair and Assembly of Electronic Devices; and
- Provided under an open-source license that allows redistribution and modification such as Creative Commons (www.creativecommons.org) (CC-BY).
**Current 9.1.5 Criterion as being balloted:**

9.1.5 Functionality Testing Software Tools *(JC Straw Balloted October and December 2014)*

The manufacturer shall make publically available and readily accessible, and provide access to the necessary hardware functionality testing software tools and applicable updates to ensure the product meets operating specifications and can be returned to service as provided by the manufacturer’s repair/authorized service centers. Manufacturer shall also make available and provide access to any system or peripheral firmware (BIOS, etc.) and drivers for the server hardware.

The manufacturer shall have a written procedure that makes all of these items available for a minimum of 7 years following the end of production of the product and identifies if there is a cost. The manufacturer shall declare if there will be any cost associated with the provision of the functionality testing software tool.

The manufacturer shall declare the URL of the public disclosure.

**Recommended Amendments** – 9.1.5 is recommended to become an optional criterion with one text deletion.

9.6.2 Functionality Testing Software Tools

The manufacturer shall make publically available and readily accessible, and provide access to the necessary hardware functionality testing software tools and applicable updates to ensure the product meets operating specifications and can be returned to service as provided by the manufacturer’s repair/authorized service centers. Manufacturer shall also make available and provide access to any system or peripheral firmware (BIOS, etc.) and drivers for the server hardware.

The manufacturer shall have a written procedure that makes all of these items available for a minimum of 7 years following the end of production of the product and identifies if there is a cost. The manufacturer shall declare if there will be any cost associated with the provision of the functionality testing software tool.

The manufacturer shall declare the URL of the public disclosure.