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| A 1.  | Are electrical tests performed in accordance with the procurement spec, specification or drawing? | \_\_\_Yes \_\_\_No |
| A 2. | Were all specific electrical tests performed and recorded IAW procurement spec, specification or drawing? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 3.  | Does the supplier have an approved electrical test procedure? List Procedure and Reference approval Number, if applicable: | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 4. | Does electrical test procedures require special safety precautions? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 5. | Are electrical tests performed on samples or 100% for production lots?Sample: \_\_\_100%: \_\_\_Record sample size: \_\_\_\_\_\_\_\_\_\_ | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 6. | If sampling is used for electrical tests, what sampling criteria are used? List:  |   |

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| A 7.  | Are electrical tests performed in an environmentally controlled area?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | Is humidity monitored and recorded?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | Is temperature monitored and recorded?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | Is barometric pressure monitored and recorded?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 8.  | Are instruments utilized during electrical tests part of the calibration program?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 9. | Are instruments, unique numbers of meters, probes, scopes, meggers, etc. recorded on test result documents?Record sample size: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 10. | Are personnel performing electrical tests knowledgeable and qualified in: |   |
|   | \* Procedure?  | \_\_\_Yes \_\_\_No \_\_\_N/A |

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|   | \* Use of tools? | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | \* Use of instruments? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 11. | Does an electrostatic discharge (ESD) program exist at the facility? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 12.  | Does the supplier train personnel or have awareness program for ESD precautions? | \_\_\_Yes \_\_\_No |
| A 13 | a. Are electrical tests performed on materials that contain ESD sensitive components?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | b. Are special precautions observed?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 14 | a. Do procedures/work instructions, specifications or drawings require isolation of specific circuit during electrical testing? | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | b. Were circuit isolations documented on test reports?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 15 | a. Are special precautions required after electrical tests are performed (i.e. discharge time for motors, transformers, etc.)? | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | b. Are special precautions documented on the test report?  | \_\_\_ Sat \_\_\_Unsat |
| A 16 | Is raw electrical data reviewed and accepted by qualified personnel?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 17. | Are other tests required to be performed in conjunction with electrical testing (e.g. hydro)? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| **THE FOLLOWING QUESTIONS PERTAIN TO WIRE/CABLE MANUFACTURERS IN ADDITION TO THE QUESTIONS ALREADY LISTED**: |
| A 18. | Does the wire/cable manufacturer perform in process spark testing while producing wire/conductors? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 19. | Does the process allow for the production line to "stop" to flag the defective area?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 20.  | Does the manufacturer perform electrical tests after each production operation (example: insulation resistance after twisting/shield operation)?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 21.  | Does a procedure exist to detect production splices? NOTE: Splices are not allowed in finished cable. | \_\_\_Yes \_\_\_No \_\_\_N/A |

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| A 22.  | Are the numbers of production splices recorded on work-in-process documents and accounted for after final cable production?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 23 | 1. Are cable production personnel knowledgeable of in process procedures/methods for detecting flaws (opens, shorts, etc.)?
 | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | 1. Are procedures readily available?
 | \_\_\_Yes \_\_\_No \_\_\_N/A |
|   | 1. Are nonconformance’s documented?
 | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 24. | Are final electrical tests performed IAW the applicable specification or procurement spec?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 25. | Are final electrical tests performed in an environment suitable for the tests? | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 26. | Are special precautions taken after electrical tests to prevent damage to product (example: Seal ends of cable to prevent moisture contamination, protection of cable jackets/sheathing, etc.)?  | \_\_\_Yes \_\_\_No \_\_\_N/A |
| A 27. | Are shipping reels, size, O.D. in accordance with the specification or procurement spec? | \_\_\_Yes \_\_\_No \_\_\_N/A |

Additional Comments/Concerns: