

Intertek C&E Management System		Page 1 of 3
Work Instruction (Inspection)		Document No.: WI-R-EMEA-CERT-INSP-PCS019
EMEA CERTIFICATION SCHEMES - PRODUCT CONTROL SPECIFICATIONS		
Issue Date:	Revision Date: 23 Jan 2018	Approved by: Fredrik Wennersten
	Effective Date: 23 Feb 2018	

1.0 Purpose

Product Control Specifications (PCS) specify the requirements for routine inspections, tests, Product Verification Tests and sample selection for products certified under an Intertek EU Type 5 certification scheme (including GS, S, BEAB, ASTA, ENEC, BAUART and TICK MARK). They are for use by manufacturers and by factory inspectors.

2.0 Scope

Products: Electrical Supply Track system

Standards: EN 60570

Marks: GS, S, BEAB, ASTA, ENEC, BAUART, TICK Mark, ENEC

3.0 Routine inspections and tests

3.1 General

The following requirements apply to most products.

Variations may be permitted by prior, written agreement from the certification body.

The factory should have a quality plan defining all inspections and tests on materials, components and completed products as appropriate.

Completed products shall be marked to confirm satisfactory completion of all required testing.

Any products which fail inspection or testing shall be segregated and not allowed to continue through the process until rectified and re-inspected or retested.

Products shall not be released until the testing equipment has been checked again following a production batch.

Records of inspections and test should be maintained and held for at least two years.

Records shall include:

- Type of product
- Date of test
- Place of manufacture
- Quantity tested
- Number of failures and actions taken

Intertek C&E Management System		Page 2 of 3
Work Instruction (Inspection)		Document No.: WI-R-EMEA-CERT-INSP-PCS019
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3.2 Required inspections and tests (for Intertek Certification Marks)

Inspection/test	Test parameters	Sampling plan
Earthing continuity (only for class I appliances)	Current : not less than 10A Voltage : 6-12V. Resistance: Max. 0.5 Ω	100%
Dielectric strength test (only for Class I appliances, between live parts of different polarity and between live parts and accessible parts)	Voltage: 1500 V (r.m.s) Time: 1-4 sec.	100%

3.3 Required inspections and tests (for ENEC Marked products)

In addition to the inspections and tests detailed in section 3.2, the requirements of document ENEC 303 Annex S shall be fulfilled.

4.0 Product Verification Tests/Periodic testing (refer to CIG 021 clause 5.8)

Product verification tests are in addition to the production line inspection and routine tests and are performed on samples taken randomly from the production line. The manufacturer is responsible for conducting or arranging for the following periodic testing to be completed. Records shall be available for review during factory inspection visits.

Certification Mark	Frequency	PVT/periodic testing required
GS, S, BEAB, ASTA, BAUART and TICK Mark	Annual	PVT is not mandatory but it is recommended to demonstrate ongoing compliance with EU Directives. The following PVT is recommended: <ul style="list-style-type: none"> PVT according to document ENEC 303 Annex S
ENEC	Annual	PVT according to document ENEC 303 Annex S

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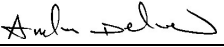
Intertek C&E Management System		Page 3 of 3
Work Instruction (Inspection)		Document No.: WI-R-EMEA-CERT-INSP-PCS019
EMEA CERTIFICATION SCHEMES - PRODUCT CONTROL SPECIFICATIONS		
Issue Date:	Revision Date: 23 Jan 2018	Approved by: Fredrik Wennersten
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5.0 Surveillance testing by the Certification Body

If required, samples are selected during the factory inspection and the manufacturer should send these to the address provided. If samples are required but not available at the time of the inspection, the manufacturer should send these as soon as they become available. If there is no stock or production, the manufacturer should advise the certification body that samples will not be provided due to no production.

The certification body will arrange for the required testing to be completed. This will be charged to the manufacturer or Licence holder. A report of the testing will be provided.

Certification Mark	Surveillance testing requirements
GS, S, BEAB, ASTA, BAUART and TICK Mark	Regular selection of samples is not required. Samples may be required if any deviations to the type tested or non-compliance with the product standard are suspected Required number of samples: 1
ENEC	Samples for product surveillance are selected by the inspector at the time of factory inspection, to be send to Intertek Semko AB. Required number of samples: 1

Document History				
Revision No.	Date	Changes	Name & Title	
			Author	Approving Official
1	11/02/2015	Original issue	Bernhard Miedtank/ R W Hayward	
2	2018-01-23	Corrections in 3.2 and 4.0	Paul Klemets	Fredrik Wennersten

End of Document

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