


 In progress
 Final

INSPECTION REPORT N°2 513661/2/13

BV Job n°: 2513661/2/13

PROJECT : Early streamer emission lightning rod (ESE)	Référence :
BV client : INDELEC	P/o n°: 11007609 (client to BV)
Manufacturer : INDELEC 61, Chemin Postes 59500 DOUAI	P/o n°: not applicable (client to manufacturer)
Inspection request by : INDELEC	

SUPPLY/SUBJECT TO INSPECTION	ITEM N°	Quantité
Documents review for tests of early streamer emission lightning rod :: - PREVECTRON TS2.10 (10µs) N°TS210M120156	Without	1

REFERENCE DOCUMENTS : See data sheet for additional documents : Yes No

Title	Reference n°	Rev.	Approved by :	Date
NFC 17102 standard	NFC 17102		UTE	09/2011
General tests report	IND-EMA-11062012-F		S. FAUVEAUX	11/06/2012
Mechanical tests report	IND-EM-11062012-F		S.FAUVEAUX	11/06/2012
Corrosion tests report	114126-626991		LCIE	16/08/2012
Withstand Current tests report	G100K-12-062-R		CITEL	8/08/2012

INSPECTIONS :
Date and plant location :

BUREAU VERITAS
1, rue de Micy
45380 LA CHAPELLE SAINT MESMIN
September 12th 2012

State of inspection :

- Before manufacturing
 During manufacturing
 Final
 Packaging

Inspection type:

- Prior meeting
 Tests presence
 Final inspection
 Documents review
 Expediting
 Packaging

(For details see the follow pages)

Stamping :

- No

Conclusion of inspection : Compliant Unsatisfactory

Non compliance report (NCR):
 NCR issued during the period :

Not applicable

 List of pending NCR

Not applicable

Main conclusions : (details : see the follow pages)

Satisfactory inspection
Next scheduled visit :

Not applicable



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Description of inspections carried :

➤ **Introduction :**

Scope of the BV engagement :

- Documents review of prior tests to efficiency tests

➤ **Useful documents and approval status**

- General tests report
- Mechanical tests report
- Corrosion tests report
- Withstand current tests report

➤ **State of progress of manufacturing.**

- The early streamer emission lightning rod was ready to undergo various tests defined in appendix C of the standard NFC 17102 September 2011

**INSPECTION REPORT N°2 513661/2/13****BV Job n°: 2513661/2/13****➤ Details of inspections in relation to the scope of engagement.**

- General tests :
 - Verification of the adequacy of tests with the requirements of sections C.3.1.1 and C3.1.2 of the standard NFC 17102 Edition 09/2011
- Mechanical tests :
 - Verification of the adequacy of tests with the requirements of sections C.3.2 of the standard NFC 17102 Edition 09/2011
- Corrosion tests :
 - Verification of the adequacy of tests with the requirements of sections C.3.3.1 and C.3.3.2 of the standard NFC 17102 Edition 09/2011
- Withstand current tests report :
 - Verification of the adequacy of tests with the requirements of sections C.3.4 of the standard NFC 17102 Edition 09/2011

➤ Conclusion of inspections

- The tests applied to ESE TS 2.10 comply with appendix C of the standard NFC 17102 Edition 09/2011

➤ Outstanding issue

Nil



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INSPECTION REPORT N°25 13661/2/13

BV Job n°: 2513661/2/13

APPENDICES Yes (Total number of pages including appendices) 63 No

Inspected by :

Name: C. TARDIF.

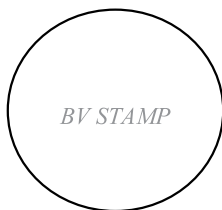
Signature :

Christian TARDIF

Date of issue : 12/09/2012

Inspection center : BV VALENCIENNES

Distribution : CLIENT Manufacturer



Checked by :

Name : T. BIONDOLILLO

Signature :

