


☐ In progress
☒ Final

INSPECTION REPORT N°24 36848/1/1

BV Job n°: 2436848/1/1

PROJECT : Early streamer emission lightning rod (ESE)	Référence :
BV client : INDELEC	P/o n°: 11006949 – 17/02/2012 (client to BV)
Manufacturer : PROTECFOUDRE	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 :: - PrimeR (60µs) NP1304001511	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-06012012-A		S. FAUVEAUX	06/01/2012
Mechanical tests report	IND-EM-06012012-A		S.FAUVEAUX	06/01/2012
Corrosion tests report	110010-619418		LCIE	18/11/2011
Withstand Current tests report	111197/EN		ITE	16/12/2011

INSPECTIONS :

Date and plant location :

BUREAU VERITAS

1, rue de Micy

45380 LA CHAPELLE SAINT MESMIN

March, 7th 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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- 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

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☒ Final**INSPECTION REPORT N°24 36848/1/1****BV Job n°: 2436848/1/1****➤ 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 PrimeR comply with appendix C of the standard NFC 17102 Edition 09/2011

➤ Outstanding issue

Nil



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INSPECTION REPORT N°24 36848/1/1**BV Job n°: 2436848/1/1****APPENDICES** ☒ Yes (Total number of pages including appendices) 55 ☐ No**Inspected by :**

Name: C. TARDIF.

Signature :

Christian TARDIF

Checked by :

Name : T. BIONDOLILLO

Signature :



Date of issue : 07/03/2012

Inspection center : BV VALENCIENNESDistribution : ☒ CLIENT☐ Manufacturer