



<p>Industry & Facilities</p> <div style="text-align: center;">  <p>BUREAU VERITAS</p> </div> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">INSPECTION REPORT N°24 36847/1/3</p>	<p>Page: 1/4</p> <p><input type="checkbox"/> In progress <input checked="" type="checkbox"/> Final</p>
<p>BV Job n°: 2436847/1/3</p>	

PROJECT : Early streamer emission lightning rod (ESE)	Référence :
BV client : INDELEC	P/o n°: 11006948 – 17/02/2012 <i>(client to BV)</i>
Manufacturer : INDELEC 61, Chemin Postes 59500 DOUAI	P/o n°: not applicable <i>(client to manufacturer)</i>
Inspection request by : INDELEC	

SUPPLY/SUBJECT TO INSPECTION	ITEM N°	Quantité
<p><i>Documents review for tests of early streamer emission lightning rod ::</i></p> <ul style="list-style-type: none"> - PREVELECTRON TS2.25 (25µs) N°110960 	Without	1

REFERENCE DOCUMENTS : See data sheet for additional documents : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Title	Reference n°	Rev.	Approved by :	Date
NFC 17102 standard	NFC 17102		UTE	09/2011
General tests report	IND-EMA-06012012-C		S. FAUVEAUX	06/01/2012
Mechanical tests report	IND-EM-06012012-C		S.FAUVEAUX	06/01/2012
Corrosion tests report	110010-619418		LCIE	18/11/2011
Withstand Current tests report	111197/EN		ITE	16/12/2011

<p>INSPECTIONS :</p> <p><u>Date and plant location :</u> BUREAU VERITAS 1, rue de Micy 45380 LA CHAPELLE SAINT MESMIN March, 7th 2012</p> <p><u>State of inspection :</u></p> <p><input type="checkbox"/> Before manufacturing <input type="checkbox"/> During manufacturing <input checked="" type="checkbox"/> Final <input type="checkbox"/> Packaging</p> <p><u>Inspection type:</u></p> <p><input type="checkbox"/> Prior meeting <input type="checkbox"/> Tests presence <input type="checkbox"/> Final inspection <input checked="" type="checkbox"/> Documents review <input type="checkbox"/> Expediting <input type="checkbox"/> Packaging <i>(For details see the follow pages)</i></p> <p><u>Stamping :</u></p> <p><input checked="" type="checkbox"/> No <input type="checkbox"/>  <input type="checkbox"/> </p>	<p><u>Conclusion of inspection :</u> <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Unsatisfactory</p> <p><u>Non compliance report (NCR):</u></p> <p><input type="checkbox"/> NCR issued during the period :</p> <p>Not applicable</p> <p><input type="checkbox"/> List of pending NCR</p> <p>Not applicable</p> <p><u>Main conclusions :</u> (details : see the follow pages)</p> <p><i>Satisfactory inspection</i></p> <p><u>Next scheduled visit :</u></p> <p>Not applicable</p>
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In progress

Final

INSPECTION REPORT N°24 36847/1/3

BV job n°: 2436847/1/3

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°24 36847/1/3****BV Job n°: 2436847/1/3****➤ 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 TS2.25 comply with appendix C of the standard NFC 17102 Edition 09/2011

➤ Outstanding issue

Nil



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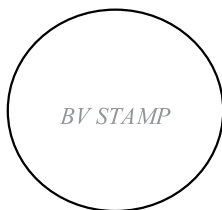
APPENDICES Yes (Total number of pages including appendices) 55 No

Inspected by :

Name: C. TARDIF.

Signature :

Christian TARDIF



Checked by :

Name : T. BIONDOLILLO

Signature :



Date of issue : 07/03/2012

Inspection center : BV VALENCIENNES

Distribution : CLIENT Manufacturer