

R024-PNN-13-100150-2/A

RATING OF PROTECTION TEST REPORT (IK07)

According to the standard :
NF EN 60068-2-75 (1997)

Tested equipment:
A radostat

Company :
AYKOW

DISTRIBUTION: Mr JEAN

(Company: AYKOW)

**Number of pages: 10
(Included 1 appendix)**

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TESTED EQUIPMENT: a radostat

Serial number (S/N): R1318 (calibration 136D200)

Part number (P/N): without reference

MANUFACTURER: AYKOW

CUSTOMER'S NAME AND ADDRESS: AYKOW

Company: AYKOW

Address: 7, rue Alfred Kastler
14000 CAEN

Contact: Mr JEAN

TEST DATES: the 8th April 2013

TEST LOCATION: Laboratory of EMITECH at Ruelle sur Touvre (16)

TESTER: S.MORISSON

SUMMARY

CHAPITRE	TITRE	PAGE
1	INTRODUCTION	4
2	REFERENCE DOCUMENT	4
3	TESTED EQUIPMENT DESCRIPTION	4
4	TEST PROGRAM	4
5	SYNTHESIS OF RESULTS	5
6	TEST RESULTS	6
6.1	<i>Rating of protection test (IK07)</i>	6
7	CONCLUSION	7
	APPENDIX	
Appendix 1	<i>Photographs of tested equipments</i>	<i>9 and 10</i>

1. INTRODUCTION

The report provides the results of the rating of protection test (IK07) which have been done on a radostat presented by AYKOW Company.

2. REFERENCE DOCUMENT

NF EN 60068-2-75 (1997)

3. TESTED EQUIPMENT DESCRIPTION (See photographs in appendix 1)

The tested equipment is:

- A radostat P/N: without reference
 S/N: R1318 (calibration 136D200)



4. TEST PROGRAM

The tests were under taken in the following manner:

Rating of protection test (IK 07) in main face

5. SYNTHESIS OF RESULTS

5.1 Chronology

Date	Test designation	Comments	Photographs in appendix 1
08/04/13	Rating of protection test (IK07)	Functional control is correct. Mark after test on main face	Pages 9 and 10

5.2 Functional control verification

Functional control is realized by the staff of EMITECH Company after test (ignition of red LED during about 3 seconds). Photographs of silicon are taken by the staff of EMITECH Company after test.

6. TEST RESULTS

6.1 RATING OF PROTECTION TEST (IK07)

- **Purpose of test**

Determine the protection provided by the enclosure against external mechanical impacts.

- **Test procedure**

The check of the protection provided by the enclosure is done by applying knocks on the tested equipment with the specified energy as shown in the following table.

<u>Code IK</u>	<u>Impact energy</u> (joules)	<u>Hammer mass</u> (kg)	<u>Fall height</u> (mm)
07	2	0,5	400

-Kind of hammer used: ☐ pendular
☐ spring mechanism
☒ vertical fall

-Sample number: 1 radostat

-Operation condition: not in operation

-Impact number: 1 Impact

-Impact points: In main face

- **Test apparatus**

Meter Nr EMITECH	Category	Mark	Type	Last verification	Validity date
	Vertical fall	EMITECH	IK07	/	/

- **Test result**

Visual control: mark on main face
Functional control: correct

7. CONCLUSION

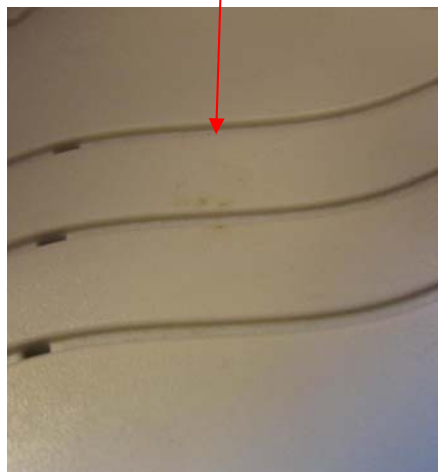
The radostat of AYKOW Company is conform to IK07 protection

The tests were performed in accordance with reference documents (Cf. paragraph 2).

□□□ End of report, 1 appendix to follow □□□

APPENDIX

APPENDIX 1: Photographs of tested equipment



Photographs of silicon after

