



Banc National d'Epreuve
Saint-Etienne

St-Etienne, January 20th, 2015

REPORT N° 213 (1)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **12/70**. It has sent to the Proof House of Saint-Etienne:

Caliber **12/70** - Batch n° 0171215250 cart.

TOTAL :250 CART.

=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ↪ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ↪ Trade name or standard appellation: **in accordance with the C.I.P.**
- ↪ Batch identification number **in accordance with the C.I.P.:** 0171215
- ↪ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ↪ Sign of control C.I.P.: **in progress**
- ↪ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ↪ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ↪ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

- L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
- d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**
Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – Inspection and check of the mean pressure:

See reports attached.

5 °) – Functional safety tests:

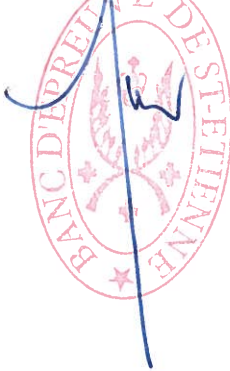
- ↻ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↻ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↻ Tearing of the case: **in accordance with the C.I.P.**
- ↻ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↻ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°**0171215** caliber **12/70** meets C.I.P's requirements.

National Proof House Manager

P. RENAUDOT





**Banc National d'Épreuve
Saint-Étienne**

St-Etienne, January 20th, 2015

REPORT N° 213 (2)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **12/76**. It has sent to the Proof House of Saint-Etienne:

Caliber **12/76** - Batch n° 0271215250 cart.
TOTAL :250 CART.
=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ☞ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ☞ Trade name or standard appellation: **in accordance with the C.I.P.**
- ☞ Batch identification number **in accordance with the C.I.P.:** 0271215
- ☞ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ☞ Sign of control C.I.P.: **in progress**
- ☞ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ☞ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ☞ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

- L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
- d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – **Inspection and check of the mean pressure:**

See reports attached.

5 °) – **Functional safety tests:**

- ↪ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↪ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↪ Tearing of the case: **in accordance with the C.I.P.**
- ↪ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↪ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0271215 caliber 12/76 meets C.I.P's requirements.

National Proof House Manager

P. RENAUDOT





REPORT N° 213 (3)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **12/89**. It has sent to the Proof House of Saint-Etienne:

Caliber **12/89** - Batch n° 0381215250 cart.

TOTAL :250 CART.
=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ↗ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ↗ Trade name or standard appellation: **in accordance with the C.I.P.**
- ↗ Batch identification number **in accordance with the C.I.P.:** 0381215
- ↗ Number of ammunitions in the packaging: **10 - in accordance with the C.I.P.**
- ↗ Sign of control C.I.P.: **in progress**
- ↗ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ↗ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ↗ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

- L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
- d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – **Inspection and check of the mean pressure:**

See reports attached.

5 °) – **Functional safety tests:**

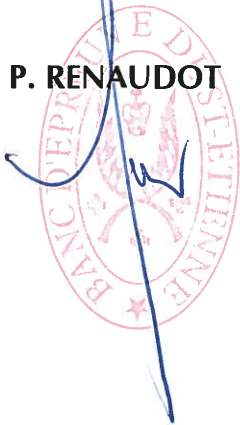
- ↻ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↻ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↻ Tearing of the case: **in accordance with the C.I.P.**
- ↻ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↻ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0381215 caliber 12/89 meets C.I.P's requirements.

National Proof House Manager

P. RENAUDOT





**Banc National d'Epreuve
Saint-Etienne**

St-Etienne, January 20th, 2015

REPORT N° 213 (4)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **20/70**. It has sent to the Proof House of Saint-Etienne:

Caliber 20/70 - Batch n° 0172015250 cart.
TOTAL :	<u>250 CART.</u>
	=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ☞ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ☞ Trade name or standard appellation: **in accordance with the C.I.P.**
- ☞ Batch identification number **in accordance with the C.I.P.:** 0172015
- ☞ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ☞ Sign of control C.I.P.: **in progress**
- ☞ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ☞ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ☞ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

- L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
- d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – Inspection and check of the mean pressure:

See reports attached.

5 °) – Functional safety tests:

- ↻ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↻ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↻ Tearing of the case: **in accordance with the C.I.P.**
- ↻ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↻ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0172015 caliber 20/70 meets C.I.P's requirements.

National Proof House Manager

P. RENAUDOT





St-Étienne, January 20th, 2015

REPORT N° 213 (5)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **20/76**. It has sent to the Proof House of Saint-Étienne:

Caliber **20/76** - Batch n° 0272015250 cart.

TOTAL :**250 CART.**
=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ↪ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ↪ Trade name or standard appellation: **in accordance with the C.I.P.**
- ↪ Batch identification number **in accordance with the C.I.P.:** 0272015
- ↪ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ↪ Sign of control C.I.P.: **in progress**
- ↪ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ↪ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ↪ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – **Inspection and check of the mean pressure:**

See reports attached.

5 °) – **Functional safety tests:**

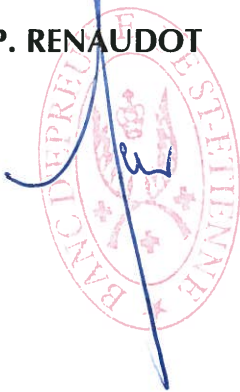
- ↪ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↪ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↪ Tearing of the case: **in accordance with the C.I.P.**
- ↪ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↪ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0272015 caliber 20/76 meets C.I.P's requirements.

National Proof House Manager

P. RENAUDOT





**Banc National d'Epreuve
Saint-Etienne**

St-Etienne, January 20th, 2015

REPORT N° 213 (6)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **16/70**. It has sent to the Proof House of Saint-Etienne:

Caliber **16/70** - Batch n° 0171615250 cart.

TOTAL :**250 CART.**
=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ↪ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ↪ Trade name or standard appellation: **in accordance with the C.I.P.**
- ↪ Batch identification number **in accordance with the C.I.P.:** 0171615
- ↪ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ↪ Sign of control C.I.P.: **in progress**
- ↪ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ↪ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ↪ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – **Inspection and check of the mean pressure:**

See reports attached.

5 °) – **Functional safety tests:**

- ↪ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↪ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↪ Tearing of the case: **in accordance with the C.I.P.**
- ↪ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↪ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0171615 caliber 16/70 meets C.I.P's requirements.

National Proof House Manager

P. RENAUDOT





**Banc National d'Epreuve
Saint-Etienne**

St-Etienne, January 20th, 2015

REPORT N° 213 (7)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **24/65**. It has sent to the Proof House of Saint-Etienne:

Caliber **24/65** - Batch n° 0362415250 cart.

TOTAL :**250 CART.**
=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ☞ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ☞ Trade name or standard appellation: **in accordance with the C.I.P.**
- ☞ Batch identification number **in accordance with the C.I.P.:** 0362415
- ☞ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ☞ Sign of control C.I.P.: **in progress**
- ☞ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ☞ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ☞ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – Inspection and check of the mean pressure:

See reports attached.

5 °) – Functional safety tests:

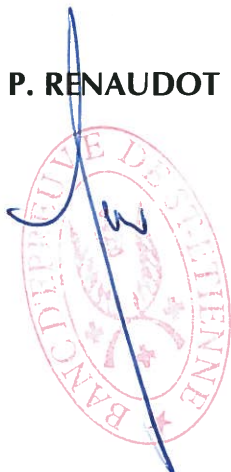
- ↻ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↻ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↻ Tearing of the case: **in accordance with the C.I.P.**
- ↻ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↻ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0362415 caliber 24/65 meets C.I.P.'s requirements.

National Proof House Manager

P. RENAUDOT





Banc National d'Epreuve
Saint-Etienne

St-Etienne, January 20th, 2015

REPORT N° 213 (8)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **28/70**. It has sent to the Proof House of Saint-Etienne:

Caliber **28/70** - Batch n° 0472815250 cart.

TOTAL :250 CART.

=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ☞ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ☞ Trade name or standard appellation: **in accordance with the C.I.P.**
- ☞ Batch identification number **in accordance with the C.I.P.:** 0472815
- ☞ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ☞ Sign of control C.I.P.: **in progress**
- ☞ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ☞ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ☞ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

- L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
- d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – Inspection and check of the mean pressure:

See reports attached.

5 °) – Functional safety tests:

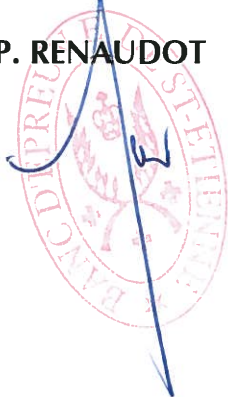
- ↻ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↻ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↻ Tearing of the case: **in accordance with the C.I.P.**
- ↻ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↻ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0472815 caliber 28/70 meets C.I.P's requirements.

National Proof House Manager

P. RENAUDOT





Banc National d'Epreuve
Saint-Etienne

St-Etienne, January 20th, 2015

REPORT N° 213 (9)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **32/65**. It has sent to the Proof House of Saint-Etienne:

Caliber **32/65** - Batch n° 0163215250 cart.

TOTAL :250 CART.

=====

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ↻ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ↻ Trade name or standard appellation: **in accordance with the C.I.P.**
- ↻ Batch identification number **in accordance with the C.I.P.:** 0163215
- ↻ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ↻ Sign of control C.I.P.: **in progress**
- ↻ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ↻ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ↻ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

- L = total length of the cartridge before shooting: **in accordance with the C.I.P.**
- d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – Inspection and check of the mean pressure:

See reports attached.

5 °) – Functional safety tests:

- ↻ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↻ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↻ Tearing of the case: **in accordance with the C.I.P.**
- ↻ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↻ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0163215 caliber 32/65 meets C.I.P.'s requirements.

National Proof House Manager

P. RENAUDOT





Banc National d'Epreuve
Saint-Etienne

St-Etienne, January 20th, 2015

REPORT N° 213 (10)

TYPE TESTING OF AMMUNITION BATCHES

1 °) – Sampling:

The Company **TAKHO** asks for its approval for the caliber **410/76**. It has sent to the Proof House of Saint-Etienne:

Caliber **410/76** - Batch n° 0173615250 cart.

TOTAL :250 CART.

2 °) – Verification of distinctive markings

2-1: Elementary packaging:

- ↻ Presence of the name or the mark of the manufacturer: **in accordance with the C.I.P.**
- ↻ Trade name or standard appellation: **in accordance with the C.I.P.**
- ↻ Batch identification number **in accordance with the C.I.P.:** 0173615
- ↻ Number of ammunitions in the packaging: **25 - in accordance with the C.I.P.**
- ↻ Sign of control C.I.P.: **in progress**
- ↻ Absence of cartridges of different types in the packaging: **in accordance with the C.I.P.**

2-2: Visual tests of the ammunition:

- ↻ Presence of the calibre or the wrong calibre on the base: **in accordance with the C.I.P.**
- ↻ Absence of defects before shooting: fissures over 3 mm or rupture of the base: **in accordance with the C.I.P.**

3 °) – Dimension tests of the ammunition:

L = total length of the cartridge before shooting: **in accordance with the C.I.P.**

d = diameter of the base: **in accordance with the C.I.P.**

Control with gauge: **in accordance with the C.I.P.**

Verify that the primer does not protrude above the level of the base: **in accordance with the C.I.P.**

4 °) – Inspection and check of the mean pressure:

See reports attached.

5 °) – Functional safety tests:

- ↻ Escape of gases towards the rear: **in accordance with the C.I.P.**
- ↻ Seizing of the projectile within the barrel: **in accordance with the C.I.P.**
- ↻ Tearing of the case: **in accordance with the C.I.P.**
- ↻ Total stripping of the cartridge case: **in accordance with the C.I.P.**
- ↻ Bursting of the cartridge case base: **in accordance with the C.I.P.**

CONCLUSION

The lot of cartridges n°0173615 caliber 410/76 meets C.I.P.'s requirements.

National Proof House Manager

P. RENAUDOT

