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Non-Automatic Weighing Devices		Issued: 2010-04-01	Revision Number: 1

Appendix C

Standards Accuracy Class - Non Automatic Weighing Device

The following tables list the required accuracy standard for an inspection of a given device Non Automatic Device class. Individual tables are provided for **Acceptance** and **In-Service** as well as for **Metric** and **Avoirdupois** units of measure.

Metric Device type		Required accuracy class of the standard - Acceptance								
		E ₁	E ₂	F ₁	F ₂	M ₁	M ₁₋₂	M ₂	M ₂₋₃	M ₃
N A W D	I (when e ≥ 1 mg)	All	n ≤ 312 500	---	---	---	---	---	---	---
	II (when e ≥ 1 mg)	All	All	All	All ¹	—	—	—	—	—
	III (e ≥ 0.1 g)	All	All	All	All	All	n ≤ 8 333 and e ≥ 20 g	n ≤ 1 667	—	—
	III HD (e ≥ 2 kg)	All	All	All	All	All	n ≤ 36 666	n ≤ 18 333	---	---
	IIII (e ≥ 5 g)	All	All	All	All	All	e ≥ 200 g	All	e ≥ 500 g	All

NOTES:

- Class F₂ is equal to Measurement Canada's **Precious Metal Weight Kits**.
- Class M₁ is equal to Measurement Canada's **Inspector's Weight Kits**.
- n is the maximum number of scale intervals which can be verified on the indicated device type, with the indicated accuracy class standard.

¹This section is under review. Until further notice, Precious Metal Weights (OIML F₂) are suitable for inspection of all Class II devices.

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Metric Device type		Required accuracy class of the standard - In Service								
		E ₁	E ₂	F ₁	F ₂	M ₁	M _{1,2}	M ₂	M _{2,3}	M ₃
N A W D	I (when e ≥ 1 mg)	All	n ≤ 625 000	n ≤ 133 000	---	---	---	---	---	---
	II (when e ≥ 1 mg)	All	All	All	All ²	n ≤ 13 333 and e ≥ 10 mg	---	---	---	---
	III (e ≥ 0.1 g)	All	All	All	All	All	e ≥ 20 g	n ≤ 8 333	n ≤ 1 667 and e ≥ 50 g	n ≤ 1 333
	III HD (e ≥ 2 kg)	All	All	All	All	All	All	n ≤ 36 667	n ≤ 18 333	n ≤ 2 000
	IIII (e ≥ 5 g)	All	All	All	All	All	e ≥ 200 g	All	e ≥ 500 g	All

NOTES:

- Class F₂ is equal to Measurement Canada's *Precious Metal Weight Kits*.
- Class M₁ is equal to Measurement Canada's *Inspector's Weight Kits*.
- n is the maximum number of scale intervals which can be verified on the indicated device type, with the indicated accuracy class standard.

²This section is under review. Until further notice, Precious Metal Weights (OIML F₂) are suitable for inspection of all Class II devices.

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Avoirdupois Device type		Required accuracy class of the standard - Acceptance								
		E ₁	E ₂	F ₁	F ₂	M ₁	M _{1,2}	M ₂	M _{2,3}	M ₃
N A W D	I	NA	n ≤ 312 500	---	---	---	---	---	---	---
	II		All	All	All ³	—	—	—	—	—
	III (e ≥ 0.0002 lb or 0.005 oz)		All	All	All	All	n ≤ 8 333 and e ≥ 0.05 lb	n ≤ 1 667	—	—
	III HD (e ≥ 5 lb)		All	All	All	All	n ≤ 36 666	n ≤ 18 333	---	---
	IIII (e ≥ 0.01 lb or 0.2 oz)		All	All	All	All	e ≥ 0.5 lb	All	e ≥ 1 lb	All

NOTES:

- Class F₂ is equal to Measurement Canada's *Precious Metal Weight Kits*.
- Class M₁ is equal to Measurement Canada's *Inspector's Weight Kits*.
- n is the maximum number of scale intervals which can be verified on the indicated device type, with the indicated accuracy class standard.

³This section is under review. Until further notice, Precious Metal Weights (OIML F₂) are suitable for inspection of all Class II devices.

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Avoirdupois Device type		Required accuracy class of the standard - In Service								
		E ₁	E ₂	F ₁	F ₂	M ₁	M _{1,2}	M ₂	M _{2,3}	M ₃
N A W D	I	NA	n ≤ 625 000	n ≤ 133 000	---	---	---	---	---	---
	II		All	All	All ⁴	n ≤ 13 333 and e ≥ 0.2 gr ≥ 0.0005 oz tr	---	---	---	---
	III (e ≥ 0.0002 lb or 0.005 oz)		All	All	All	All	e ≥ 0.05 lb	n ≤ 8 333	n ≤ 1 667 and e ≥ 0.1 lb	n ≤ 1 333
	III HD (e ≥ 5 lb)		All	All	All	All	All	n ≤ 36 667	n ≤ 18 333	n ≤ 2 000
	IIII (e ≥ 0.01lb or 0.2 oz)		All	All	All	All	All	e ≥ 0.5 lb	All	e ≥ 1 lb

NOTES:

- Class F₂ is equal to Measurement Canada's *Precious Metal Weight Kits*.
- Class M₁ is equal to Measurement Canada's *Inspector's Weight Kits*.
- n is the maximum number of scale intervals which can be verified on the indicated device type, with the indicated accuracy class standard.

REVISION:

Rev.1 Suspend restriction on Class II devices inspected with Precious Metal Weight Kits (OIML Class F₂ weights)

⁴This section is under review. Until further notice, Precious Metal Weights (OIML F₂) are suitable for inspection of all Class II devices.