



Jersey

**WEIGHTS AND MEASURES
(INTERNATIONAL DEFINITIONS)
(JERSEY) ORDER 1968**

Official Consolidated Version

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WEIGHTS AND MEASURES (INTERNATIONAL DEFINITIONS) (JERSEY) ORDER 1968

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WEIGHTS AND MEASURES (INTERNATIONAL DEFINITIONS) (JERSEY) ORDER 1968¹

THE ENVIRONMENT AND PUBLIC SERVICES COMMITTEE, in pursuance of paragraph 3 of Part 1, paragraph 3 of Part 4, paragraph 5 of Part 5 and paragraph 1 of Part 6 of Schedule 1 to the [Weights and Measures \(Jersey\) Law 1967](#), orders as follows –

Commencement [[see endnotes](#)]

1

The metre, litre, kilogramme, ampère, watt, volt and ohm shall, for the purposes of measurements falling to be made in Jersey, have the meanings respectively assigned to them in the Schedule to this Order, being the meanings appearing to the Minister to reproduce in English the international definitions of the said units in force at the date of the making of this Order.

2

This Order may be cited as the Weights and Measures (International Definitions) (Jersey) Order 1968.

SCHEDULE

(Article 1)

DEFINITIONS OF UNITS OF MEASUREMENT

MEASUREMENT OF LENGTH

Metre

The metre is the length equal to 1 650 763.73 wavelengths in vacuum of the radiation corresponding to the transition between the levels $2p_{10}$ and $5d_5$ of the krypton – 86 atom.

(General Conference of Weights and Measures held in Paris in 1960).

MEASUREMENT OF CAPACITY

Litre

The litre is the volume occupied by a mass of 1 kilogramme of pure water at its maximum density and under standard atmospheric pressure.

(General Conference of Weights and Measures held in Paris in 1901).

MEASUREMENT OF MASS

Kilogramme

The kilogramme is the unit of mass represented by the mass of the international prototype kilogramme.

(General Conference of Weights and Measures held in Paris in 1901).

MEASUREMENT OF ELECTRICITY

Ampère

The ampère is the constant current which, if maintained in 2 straight parallel conductors of infinite length and of negligible circular sections and placed 1 metre apart in vacuum, will produce between the conductors a force equal to 2×10^{-7} M.K.S. units of force per metre of length.

(General Conference of Weights and Measures held in Paris in 1948).

Watt

The watt is the power which gives rise to the production of energy at 1 joule per second.

(General Conference of Weights and Measures held in Paris in 1948).

Volt

The volt is the difference of electrical potential between 2 points of a conducting wire carrying a constant current of 1 ampère when the power dissipated between these 2 points is equal to 1 watt.

(General Conference of Weights and Measures held in Paris in 1948).

Ohm

The ohm is the electrical resistance between 2 points of a conductor when a constant difference of potential of 1 volt applied between the 2 points produces in the conductor a current of 1 ampère, the conductor not being the seat of any electromotive force.

(General Conference of Weights and Measures held in Paris in 1948).

Note

The reference in relation to each definition to a General Conference of Weights and Measures is a reference to the General Conference of Weights and Measures (convened by the International Bureau of Weights and Measures) at which that definition was recognized.

ENDNOTES

Table of Legislation History

Legislation	Year and No	Commencement
Weights and Measures (International Definitions) (Jersey) Order 1968	R&O.5091	1 June 1968
States of Jersey (Amendments and Construction Provisions No. 4) (Jersey) Regulations 2005	R&O.44/2005	9 December 2005

Table of Endnote References

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- ¹ *This Order has been amended by the States of Jersey (Amendments and Construction Provisions No. 4) (Jersey) Regulations 2005. The amendments replace all references to a Committee of the States of Jersey with a reference to a Minister of the States of Jersey, and remove and add defined terms appropriately, consequentially upon the move from a committee system of government to a ministerial system of government.*