

## New Zealand.



### ANALYSIS.

Title.  
1. Short Title.

2. Part of Schedule repealed.  
Schedule.

1904, No. 29.

Title.                    AN ACT to amend "The Weights and Measures Act, 1903."  
[31st October, 1904.]

BE IT ENACTED by the General Assembly of New Zealand in Parliament assembled, and by the authority of the same, as follows:—

Short Title.            1. The Short Title of this Act is "The Weights and Measures Amendment Act, 1904."

Part of Schedule repealed.    2. Part II. of the Second Schedule to "The Weights and Measures Act, 1903," is hereby repealed, and the Schedule hereto substituted in lieu thereof.

Schedule.

### SCHEDULE.

TABLE COMPARING THE VALUES OF THE DENOMINATIONS OF THE METRIC SYSTEM WITH THOSE DESCRIBED IN THE FIRST SCHEDULE TO "THE WEIGHTS AND MEASURES ACT, 1903."

<i>Measures of Length.</i>			
1 Millimeter	.	=	0·03937 inch.
1 Centimeter	...	=	0·3937 inch.
1 Decimeter	..	=	3·937 inches.
1 Meter	...	=	39·370113 inches, or 1·0936143 yards.
1 Kilometer	...	=	0·62137 mile.
1 Inch	...	=	25·400 millimeters.
1 Link	...	=	2·01168 decimeters, or 0·201168 meter.
1 Foot	...	=	0·30480 meter.
1 Yard	...	=	0·914399 meter.
1 Chain	...	=	20·1168 meters.
1 Mile	...	=	1·6093 kilometers.
<i>Measures of Surface.</i>			
1 Square Decimeter	...	=	15·5 square inches.
1 Square Meter	...	=	10·7639 square feet, or 1·1960 square yards.
1 Ar	...	=	119·60 square yards.
1 Hectar	...	=	2·4711 acres.

*Measures of Surface—continued.*

1 Square Inch	... =	0·064516 square decimeter.
1 Square Foot	... =	9·2903 square decimeters.
1 Square Yard	... =	0·836126 square meter.
1 Perch	... =	25·293 square meters.
1 Rood	... =	10·117 ars.
1 Acre	... =	0·40468 hectar.
1 Square Mile	... =	259·00 hectars.

*Cubic Measurements.*

1 Cubic Centimeter	... =	0·061024 cubic inch.
1 Cubic Decimeter	... =	61·024 cubic inches.
1 Cubic Meter	... =	35·3148 cubic feet, or 1·307954 cubic yards.
1 Cubic Inch	... =	16·387 cubic centimeters.
1 Cubic Foot	... =	0·028317 cubic meter.
1 Cubic Yard	... =	0·764553 cubic meter.

*Measures of Capacity.*

1 Centiliter	... =	0·0176 pint.
1 Deciliter	... =	0·176 pint.
1 Liter	... =	1·75980 pints.
1 Dekaliter	... =	2·2 gallons.
1 Hectoliter	... =	22·0 gallons.
1 Gill	... =	1·42 deciliters.
1 Pint	... =	0·568 liters.
1 Quart	... =	1·136 liters.
1 Gallon	... =	4·5459631 liters.

*Weights.*

1 Centigram	... =	0·154 grain avoirdupois.
1 Decigram	... =	1·543 grains avoirdupois.
1 Gram	... =	15·432 grains avoirdupois.
1 Hectogram	... =	3·527 ounces avoirdupois.
1 Kilogram	... =	2·2046223 pounds avoirdupois, or 15432·3564 grains.
1 Quintal	... =	1·968 hundredweights.
1 Metric Ton	... =	0·9842 imperial ton.
1 Dram (avoirdupois)	=	1·772 grams.
1 Ounce	" =	28·350 grams.
1 Pound	" =	453·59243 grams, or 0·45359243 kilogram.
1 Hundred-weight	" =	50·80 kilograms, or 0·5080 quintal.
1 Imperial Ton	" =	1,016·00 kilograms, or 1·0160 metric tons.
1 Grain (apothecaries')	=	0·0648 gram.
1 Scruple	" =	1·296 grains.
1 Dram	" =	3·888 grams.
1 Ounce	" =	31·1035 grams.
1 Grain (troy)	... =	0·0648 gram.
1 Penny-weight	" .. =	1·5552 grams.
1 Ounce	" ... =	31·1035 grams.