

## TRANSPOSITION NOTE

### IMPLEMENTATION OF COMMISSION DIRECTIVE (EU) 2019/1258 OF 23 JULY 2019 AMENDING, FOR THE PURPOSE OF ITS ADAPTATION TO TECHNICAL PROGRESS, THE ANNEX TO COUNCIL DIRECTIVE 80/181/EEC AS REGARDS THE DEFINITION OF SI BASE UNITS

#### The Weights and Measures Act 1985 (Amendment) and Units of Measurement Regulation 1986 (Amendment) Regulations 2019

The Department for Business Energy and Industrial Strategy has overall responsibility for the UK's metrology legislation and is implementing Commission Directive (EU) 2019/1258 of 23 July 2019 amending, for the purpose of its adaptation to technical progress, the Annex to Council Directive 80/181/EEC as regards the definitions of SI base units ('the Commission Directive').

The Commission Directive is principally being implemented by the Weights and Measures Act 1985 (Amendment) and Units of Measurement 1986 (Amendment) Regulations 2019 (S.I. 2019/1211). These Regulations come into force on 13th June 2020. Other associated legislation is planned to be laid in draft before parliament for approval under enabling powers in the Weights and Measures Act 1985 which would also come into force on 13th June 2020.

The table below sets out how the various articles of the Commission Directive have been transposed in the UK's domestic legislation.

| <b>Article</b>   | <b>Objective</b>  | <b>Implementation</b>   |
|--|---|---|
| Article 1 and the Annex<br>Table at the top                                  | Sets out an updated table of SI base units in Council Directive 80/181/EEC                                | Regulation 3  |
| Article 1 and the Annex<br>Unit of time                                      | Updates the definition of the SI base unit, the second in Council Directive 80/181/EEC                    | Regulation 3 (unit of time)   |
| Article 1 and the Annex<br>Unit of length                                    | Updates the definition of the SI base unit, the metre in Council Directive 80/181/EEC                     | Regulation 3 (unit of length)   |
| Article 1 and the Annex<br>Unit of mass                                      | Updates the definition of the SI base unit, the kilogram in Council Directive 80/181/EEC                  | Regulation 3 (unit of mass)   |
| Article 1 and the Annex<br>Unit of electric current                          | Updates the definition of the SI base unit, the ampere in Council Directive 80/181/EEC                    | Regulation 3 (unit of electric current);<br>Regulation 2(a) (definitions of units of measurement of electricity)  |
| Article 1 and the Annex<br>Unit of thermodynamic temperature                 | Updates the definition of the SI base unit, the kelvin in Council Directive 80/181/EEC                    | Regulation 3 (unit of thermodynamic temperature)  |
| Article 1 and the Annex<br>Unit of amount of substance                       | Updates the definition of the SI base unit, for the amount of a substance in Council Directive 80/181/EEC | Regulation 3 (unit of amount of substance)  |
| Article 1 and the Annex<br>Unit of luminous intensity                        | Updates the definition of the SI base unit, the candela in Council Directive 80/181/EEC                   | Regulation 3 (unit of luminous intensity)   |
| Article 1 and the Annex<br>Special name and symbol of the SI derived unit of | Includes the SI derived unit of Celsius in the amendments to Council Directive 80/181/EEC                 | Regulation 3 (Special name and symbol of the SI derived unit of temperature for expressing Celsius temperature. The Commission Directive includes this in |

| <b>Article</b>                                 | <b>Objective</b>   | <b>Implementation</b>   |
|--|--|---|
| temperature for expressing Celsius temperature |  | the substituted provision but the definition has not changed) |
| Article 2.1                                    | Requires Member States to apply the provisions implementing the Commission Directive from 13th June 2020 | Regulation 1(b)   |