

Appendix A. Generation of Identity Number

The Citizens of Mauritius are assigned a unique National Identity Card Number when they reach the 18 years of age. This unique National Identity Card Number can be used as an additional validation for identifying an online applicant as genuine and prevent SPAM users using the Online Registration for Training Courses in Women Centres Application.

This unique National Identity Card Number is generated based on a standard formula which is outlined below:

A numeric value is assigned to the first character of the surname using the following sequence:

- 10 if first character = 'A'
- 11 if first character = 'B'
- 12 if first character = 'C'

The first character of the surname, the date of birth, the CSO Number and Folio Number are concatenated to give a sequence of 13 characters.

The weight decreases from 14 to 1 towards the right.

The 13 characters are multiplied by their corresponding weights, the first character being multiplied by the maximum weight. The result is added to calculate the difference between 17 and the remainder using modulus 17.

Difference = $17 - (\text{total sum MOD } 17)$

If

- Difference = 17 then check digit = 0
- Difference = 1 to 9 then check digit = remainder
- Difference = 10 then check digit = 'A'
- Difference = 11 then check digit = 'B'
- Difference = 12 then check digit = 'C'
- Difference = 13 then check digit = 'D'
- Difference = 14 then check digit = 'E'
- Difference = 15 then check digit = 'F'
- Difference = 16 then check digit = 'G'