## 5. INSTALLING AND RUNNING THE PROGRAMS

## 5.1 SOFTWARE AND HARDWARE REQUIREMENTS

The software has been developed in order to work on a local computer (no network) equipped with

- Ms-Windows 7 or 8 or 8.1 or 10
- Ms-Office 2007 or 2010 or 2013 or 2016.

The last version of Ms-Windows for which compatibility has been checked is: W10 Professional Version 1709 / 16299.125

The last version of Ms-Office for which compatibility has been checked is: Ms-Office 2016 Version 1705 build 8201.2193 (including Excel 2016 MSO (16.0.8201.202) 64 bits and VBA 7.1.1068 Form3: 16.0.8201.202)

It is important to note that Microsoft Excel has to be installed with its full VBA capabilities. The macro-commands included in the software package use a wide range of VBA instructions that will cause failure at each run of the QRA model if VBA is not fully operational.

DGQRAM will work on computers able to correctly run the Ms Office versions and Windows versions mentioned above

The display is optimized for  $1024 \times 768$  screen resolution. For lower resolutions, some dialog boxes will not be fully displayed on the screen.