**PROGRAMMING DNA DONGLES**

**1.0 PURPOSE AND SCOPE**

The purpose of this document is to describe the steps for programming dongles for the DNA software.

**2.0 AFFECTED DEPARTMENTS**

Manufacturing

**3.0 REFERENCE DOCUMENTS**

N/A

**4.0 RESPONSIBILITIES & AUTHORITY**

It is the responsibility of the person programming the dongle to follow the procedure in this document.

**5.0 DEFINITIONS**

**DNA:** Data Navigation Analysis Software

**Dongle:** Hardware key for the software

**Dongle Programming File**: Program used to program the dongle (obtained from either Marketing or 3rd party)

**6.0 SAFETY PRECAUTIONS**

N/A

1. **EQUIPMENT & MATERIALS**
	1. PC running Windows.
	2. Dongle
	3. Dongle programming file
	4. DNA software

**8.0 INSTRUCTIONS**

1. When you receive an order for SWW-DNA, get the DNA dongle and give the order number, job number and dongle serial number to purchasing so they can order the DNA license file.
2. You will receive the DNA license file via email or online file storage. Save the dongle programming file on the hard drive of the PC. If the file is a .zip file, extract the .exe file from the .zip file.
3. Plug the dongle into a USB port of the PC. You may have to wait for the driver to install.
4. Double-click on the programming file to program the dongle.
5. A window will appear while the programming takes place. It will show the dongle serial number and the enabled options. The options should match what is on the order. Click OK.
6. When it is complete, delete the programming file.
7. Leave the dongle in the PC port to test (see next section).

**9.0 INSPECTION**

1. The dongle should be in a USB port of the PC that will be used to test the dongle.
2. Run the DNA software. If it is not installed on your computer, install it and select all modules to install.
3. Click on the “?” in the top menu bar, then on the “About DNA” menu item. The *About DNA* dialog will appear which lists the options enabled in the program.
4. Check the options list against the order. The dongle should have “General Option” enabled and the options on the order. It is not an exact word match, but there should be a logical match between those on the options list and those on the order.
5. Exit the DNA program with the *File – Exit* menu option.
6. Remove the dongle from the PC and deliver it to Logistics along with the job and order. Logistics need to create a USB drive with the DNA software and manual.

**10.0 RECORDS**

Enter the DNA dongle serial number into the Larson Davis Database. In the notes field, enter the options installed on the dongle.

**11.0 DISTRIBUTION**

Manufacturing

**12.0 ATTACHMENTS**

None.

**13.0 REVISION HISTORY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DCO #** | **REV** | **DATE** | **INITIALS** | **CHANGES MADE** |
| 1993 | B | 17 Sep 2020 | JGG | Changed from parallel dongle to USB dongle. Changed from paper manual and CD to USB drive. |
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