

INSTALLATION INSTRUCTIONS FOR FLOW-CALC v1.0

These instructions describe how to set up FLOW-CALC v1.0 on your computer and begin using the system. The software is designed to run under Windows 95/98, Windows 2000 or Windows NT. Thirty-two megabytes of RAM is recommended; it has not been tested with 16 MB of RAM. Allow for 24 megabytes of hard disk storage for the initial installation. FLOW-CALC requires a minimum screen resolution of 800x600, otherwise parts of some screens may not be visible. A resolution of 1024x768 is preferable, for it will allow you to view all the data on the screen without horizontal scrolling. If you notice that parts of your screens seem "cut off," consult your Windows documentation for information on setting the screen resolution to at least 800x600 pixels.

If you are already running a prior version of FLOW-CALC, you may either install the software into new subdirectories or you may install the software directly over the existing version. If you elect to reuse the existing location, EPA recommends that you back-up your existing data prior to installing the software.

1. Make sure that your local computer has a subdirectory called C:\TEMP for temporary files created by FLOW-CALC. Create this temporary subdirectory if it is not present.

If you are installing the software from the CD, please skip to step 3.

2. If you are retrieving this software via the Internet, download the FLOWCALCV1.EXE file from the website. Once the download is complete, double click the icon for that file to initiate the self-extracting zip process. Unzip the files into the default folder or create a new empty folder for this purpose. Once the setup files have been extracted, close any open applications, and double-click on the extracted SETUP.EXE file in Windows Explorer (or run the extracted SETUP.EXE file from the Run option on the Windows Start Menu) to begin the installation program. (Skip to step 4.)

3. If you are installing the software from the CD, double-click on the SETUP.EXE file on the CD in Windows Explorer (or run the SETUP.EXE file on the CD from the Run option on the Windows Start Menu) to begin the installation program.

4. Follow the prompts for identifying subdirectories that the program will create. The default program directory is C:\Program Files\FLOWCALC and the default data directory is C:\Program Files\FLOWCALC\DATA

5. The installation program will also allow you the option of installing sample data if this is a first time installation of FLOW-CALC or if you choose to overwrite your existing data.

6. If you are running Windows 95/98, before initiating the software, check or ask your System administrator to check your CONFIG.SYS file on your C: drive and set your FILES to 150 or greater. If you change this setting, reboot your computer.

7. Initiate the program by double clicking on the new FLOW-CALC icon from the appropriate Program Group off the Start Menu.

The screenshot shows a dialog box titled "Formula Codes (RT 520)". It contains two entries, 1 and 2, each with fields for "Your Selected Table:", "Value:", "Label:", and "Other:". Entry 1 has a value of "19.1" and a label "19.1 (Emission rate using Cd,Fd,02w)". Entry 2 has a value of "19.1" and a label "19 1 (Emission rate using Cd,Fd,02d)". Below these entries is a message: "There is a potential conflict in the table entries above. Please select an option from the choices below." At the bottom, there are six buttons: "Ignore - Use Selected Table Value", "Make Selected Table Equal Reference Table", "Make Reference Table Equal Selected Table", "Abort - Do NOT Merge Tables", "Edit Selected Table Value", and "Edit Reference Table Value".

1.	Your Selected Table:	
Value:	19.1	
Label:	19.1 (Emission rate using Cd,Fd,02w)	
Other:		
2.	The Reference Table:	
Value:	19.1	
Label:	19 1 (Emission rate using Cd,Fd,02d)	
Other:		

There is a potential conflict in the table entries above.
Please select an option from the choices below.

Ignore - Use Selected Table Value Abort - Do NOT Merge Tables

Make Selected Table Equal Reference Table Edit Selected Table Value

Make Reference Table Equal Selected Table Edit Reference Table Value

Updating Tables

When running the FLOW-CALC software for the first time after upgrading to a new version of the software, a screen like the following may appear during the tables merge process.

This screen indicates that the tables merge program has discovered a difference between your current tables file (Your Selected Table) and the new tables file (The Reference Table). To allow the tables merge program to update your tables file select **Make Selected Table Equal Reference Table** (Recommended). If you wish to keep your existing table entries and not update the your tables file select **Ignore - Use Selected Table Value**. To change the value in your current tables file select **Edit Selected Table Value**. The **Abort - Do NOT Merge Tables** button will cancel the merge process and exit the program.