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Precharge Calculator Legacy Update Instructions

Rev.	Date	Description
01	30 Sep 2011	Initial version.

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1 INTRODUCTION

The Precharge Calculator has been around for a pretty long time. Up until now, license information was contained in the executable file itself, making it laborious to update. In order to make it easier to handle licenses and updates, Precharge Calculator is now structured to use an external license file. This makes it possible for you to download new purchases and maintenance updates directly from the web site whenever you want. You should download this update, regardless of the version you currently have. This paper tells you how.

2 DESCRIPTION OF REVISION 1.400

You may ask why you should go to the trouble of updating to 1.400. The short answer is that it fixes bugs, adds some features, and is free (except for an investment of some of your time).

This is the first and last update for older versions of Precharge Calculator that will be free. In the future, access to updates will be controlled by a modest yearly license fee as described in the license rates sheet that you can download from the web site (www.mcadamsinstruments.com/precharge_license_rates.pdf).

Revision 1.400 includes some new calculations for extreme surface conditions and it also includes a different handling of bore pressure that makes it consistent with the 16D Sizing Tool and common practice. This alone is reason to update. There may be other additions depending upon the age of your revision. If you are really concerned about particular changes, please email me.

3 INSTALLATION INSTRUCTIONS

3.1 License File

The new revision requires a license file. Your old executable will serve as a license file.

Find the file named Precharge.exe on your computer. Make a copy of it renamed "Precharge.Lic". Make sure you keep a backup copy of your old program.

3.2 Download the installation package

Use the link

http://www.mcadamsengineering.com/precharge_1400_installer.zip
to download a zipped version of the setup program for Precharge Calculator revision 1.400.

Download it to any convenient folder and then unzip the contents into a folder by itself. When I do this on my Win7 machine, I just let it download to the Documents/Downloads folder. I then unzip it (extract files) to Documents\Downloads\Precharge_1400_Installer.

3.3 Run the setup program

Go to the folder where you unzipped the startup program and double click setup.exe to begin the installation. Go through all of the steps to install the software. Note the folder in which the executable program Precharge.exe is installed because you will need to copy a file there in the next step.

3.4 Move the license

Copy the file Precharge.Lic that you made in step 3.1 into the same folder with as the new Precharge.exe. The folder it is in will depend upon your operating system (XP, Vista, or Win 7).

3.5 Try your new installation

Use the start menu or icon on the desktop to run your new installation. If all went properly, you should see a new splash screen for Revision 1.400 containing all of your old licensing information. Feel free to email me if you have any problem at all.

3.6 Delete the temporary files

Delete the zip file downloaded from the web site and delete the temporary folder created in step 3.2. It is not necessary to do this, but it is good not to leave them cluttering up your folder structure and they are no longer needed for anything.

Actually, there is one reason to keep the temporary folder (or original zip file) and the license you created in step 3.1, and that is for future archival purposes. With that, you can always reinstall if you need to, independently of the web site.

4 FUTURE MAINTENANCE

You will be able to use Precharge Calculator 1.400 without any time limit. In order to download and run future revisions of Precharge Calculator you will need to acquire a new license file that extends your maintenance beyond 30 September 2011. Look on the Precharge Calculator page of the web site for cost and instructions.

<http://www.mcadamsengineering.com/accumulator.shtml>

If you recently purchased your copy of Precharge Calculator, contact me and I will send you a license file that will extend your maintenance license one year from the data of purchase. If your Precharge Calculator was purchased more than a year ago, you can purchase a maintenance license. Look on the Precharge Calculator page of the web site to download cost and instructions.

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