

<b>GILES CHEMICAL CORPORATION</b>		
<b>COMPANY PROCEDURE</b>		
<b>Standard Operating Procedure</b>	Page : 1 of 2	Revision : 10/30/2005 Date :
Author: Patrick Owen	Title: (00) Changing Loop Parameters on the DCS Monitoring System	

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**Personnel responsible:**

1. Process Personnel

**Safety:**

No extra precautions are necessary. Do not drink or eat around electrical equipment.

**Summary:**

The Foxboro A2 DCS monitoring system controls each of the 15 major control loops in the plant. In case of a power outage, these loops may need to be set back up, so this procedure covers how to do this. Some knowledge of the system is needed, but it is not a hard task.

**Procedure:**

1. Log onto the ENGINEER server as the administrator (you may need IT help for this)
2. Press the windows key to the right of the control key
3. Click the blue and white icon to the right of the start button
4. Double-click on the "GilesChemProfibus" icon that looks like a red factory
5. Click on the "+" beside "Networks" on the left panel of the screen
6. Click on the "+" beside "ELIN1" on the left panel of the screen
7. Double-click on "T940\_06" on the left panel of the screen
8. Double-click on the proper LIN .dbf file for the loops you want to fix (see spreadsheet)
9. When block program opens up, Click on "Online" on the menu
10. Under "Online" click "Monitor" to go live on the system
11. Double-click the PID block you want to change (see spreadsheet)
12. The parameters will come up in the bottom half of the screen, anything that can be changed will be highlighted in white
13. Click on a parameter, type in the value, and hit enter to change a parameter
14. The system should then update with the new value(s)
15. After a loop is completely set up, click on "Online" on the menu, under "Online" click "Scan for changed parameters"
16. After the scan, a list of changed parameters will appear with check boxes
17. Check ALL the boxes.
18. A list that could not be updated will be returned – the ones that could not be updated are live process parameters, so ignore them.
19. Click on the next loop in that file (for instance all the Crystallizer #3 loops are in the C3.dbf file)
20. When you move to the next loop, make sure you are in "Monitor" mode before proceeding, if you are not in "Monitor" mode, the changes will not take effect.
21. After changing all the loops as above, close the database and go to the next one as needed.
22. When finished, you can close LIN Tools and all of the Windows explorer windows, but not the Eurotherm or Windowviewer windows. If in doubt, close everything and click on the green "Start" icon to restart the programs that must run on the server.
23. Document at least the fact that you have changed something so others will know.

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**REVISION HISTORY**

<u>Revision Date</u>	<u>Revision Number</u>	<u>Revision Description</u>
10/30/06	0	New Document