

Vacuum Group Procedure VA-008.18.1.12
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Revision 00

15.5.12 Booster Bakeout PLC Startup

1.0 PURPOSE

1.1 To provide an effective procedure for AGS Vacuum Technicians to start a vacuum sector in the AGS.

2.0 RESPONSIBILITIES

2.1 The C-A Vacuum Supervisor shall be responsible for the implementation of this procedure.

File:"BAKEOUT.DOC"

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BAKEOUT TURN ON

- 1) Turn on power to Computer, P.L.C., and Half Cell Relay Box.
- 2) Be sure P.L.C. is in run mode.
- 3) After the computer does the self test, the last response is--
C:\>
"You should type" (IT) return.
C:\>IT (return)
The computer churns for a while and responds with--
P.L.C. Programing Software.
- 4) Place black Cursor on file you want to Monitor (ie.--(BAKEOUT)
(The control of the Cursor is done by the use of the Arrow
Keys on the Keyboards Numeric Pad).
- 5) Push "Monitor File" (F8), and the Ladder Listing will appear
on screen.
- 6) Push "Data Monitor" (F8), and the screen will respond "Enter
the Address".
- 7) Type - N7 (return)
and the N7 File Page will appear.
Now you may select wHich Address Data you might want to change
- 8) See list for N7 File.
- 9) To drop power to the outputs you may do so by puting a 0 in
N7:10.
- 10) Emergency Turn Off-- Turn off power to P.L.C.

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BOOSTER BAKEOUT PLC STARTUP PROCEDURE
V. Chiampou, J. Lombardo

1. Turn on computer and wait for *C* prompt to appear. Type *IPDS/ABMENU* cr. Wait for *THE ALLEN BRADLEY MAIN MENU INTERFACE* to appear.
2. Press *F5 PLC-5 programing software* will come up.
3. Press *F2 online configuration* will come up.
4. Press *F5 PLC Address* will appear. At this point you must determine which PLC cart you want to talk to 1,2,3 or 4. You will find the number on the upper left side of the cart.
5. Press *ESC*, this will bring you back to *Programing software*.
6. Press *F1 ON LINE* will come up.
7. Press *F8 MONITOR FILE* will come up.
8. Press *F8 DATA MONITOR* will come up.
9. Enter *N7* cr.

At this point you will be on the monitor page, you will be able to reset the bakeout and clear alarms.

10. If you want to clear alarms you must move the cursor with the arrow keys to *N7-132* and input *1* cr.
11. To turn on the bakeout you must input *1* at *N7-10*.
12. To clear all unused TCs you must input *1* at *N7-140*.
13. To be sure that the system is operating you must check channels *N7-135* and *N7-136* for active scanning.

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