

Ethanolamines/Glycol Ethers Tier 3 Procedure

Section Number : 24
Issue Number: 1.0
Original Date: 06-08-95
Revision Date: 06-08-95
Title: Honeywell Nest Smart Tool Operation &
Instrument Program
References: PM Series Startup
EB Mode Startup

24. Honeywell Nest Smart Tool Operation & Utility Program

1.0 Objective:

1.1 To operate the Honeywell Nest Smart Tool properly.

2.0 Responsibility:

2.1 It is the responsibility of the operations supervisor and the senior operations specialist to ensure that this procedure is fully complied with.

2.2 It is the responsibility of the senior operations specialist, the operations specialist and the instrument technician to ensure that this procedure is executed in a safe and efficient manner.

3.0 Safety Notations:

3.1 Improper use of the instrument could cause a plant trip.

4.0 Honeywell Nest Smart Tool Operation Procedure:

4.1 The following is an example of the use of the tool.

_____ FT-1287PM T-130 overheads
Nest position 4,1,3,2
Max flow is 15102 with a linear signal
Honeywell smart cell 0-100
Meter constant 15102

4.2 _____ Proceed with the following to check and/or change the spans. T-130
overheads (FT-1287) nest position = 4,1,3,2

4.2.1 _____ Hook the black lead from the instrument to the white (-) wire going to FT-1287.

4.2.2 _____ Attach the red lead from the instrument to the black (+) wire going to FT-1287.
Turn machine on.

4.2.3 _____ Press ID. FT-1287PM should be displayed on the screen, if it is not
displayed *re-renter the correct tag number.*

4.2.4 _____ Press URV. This should read 100. If it does not, enter the correct
number. Then press enter, shift, and enter.

4.2.5 _____ The screen should display "Date Nonvol"

4.2.6 _____ Go back to part 4.5 and recheck.

4.2.7 _____ When finished, turn machine off and disconnect wires.

5.0 PDP-11 Instrument Utility Program

5.1 Type the following from a PDP-11 terminal:

5.2 UTL MF

5.3 CHG

5.4 MF 1287PM

5.5 DIS

5.6 Check the constant. It should be 15,102. If it is incorrect, type "CON" by the
prompt "change what".

5.7 Enter the correct constant.

5.8 After you have finished, type "DIS" to recheck the constant.

5.9 Type "BCK" by the prompt "Change What".

5.10 Type "EX" to exit the program.