

SOP-VC-LT/STG
WRITTEN BY:FJJ
DATE:4-13-92
REVIEWED:DKP
DATE:4-15-92

SOP # 5601-047.SOP
VC AIR MONITOR GAS CYLINDER SWITCHING

CHECK	ACTION STEPS (CAPITAL LETTERS) AND COMMENTS (small letters)
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- ____ 1. JOB SAFETY INSTRUCTIONS REVIEWED.
- ____ 2. INSURE THAT YOU ARE WEARING PROPER SAFETY EQUIPMENT.
(It is always proper to wear safety glasses (or goggles),
hard hat, ear plugs, & escape respirator in the plant.)

NOTE: The pressures of the analyzer feed lines and cylinders are indicated by the gauges on the regulators. The VC operator records pressures once a day on the vinyl process logsheet.

CHANGECYLINDERS WHEN THE CYLINDER PRESSURE IS 500 PSIG OR LESS.

This is done to insure that there is sufficient gas feed to the air monitor system. Use the following procedure to change out cylinders:

- ____ 3. CLOSE OFF THE CYLINDER BEING CHANGED AT THE CYLINDER HEAD. CLOSE OFF THE APPROPRIATE BLOCK VALVE ON THE HARD PIPE HEADER TO THE REGULATOR.
- ____ 4. OPEN THE CYLINDER VALVE OF THE SECOND CYLINDER ALREADY IN THE RACK AND LEAK CHECK THE FEEDLINE TO THE HEADER. THEN OPEN THE BLOCK VALVE OF THE SECOND CYLINDER AND ADJUST TO THE APPROPRIATE PRESSURE. THE PRESSURE SETTING FOR THE ANALYZER FEED LINE IS 80 PSI.
- ____ 5. REMOVE LINE FEED LINE FROM CYLINDER AND CAP THE CYLINDER
- ____ 6. REMOVE THE CYLINDER AND REPLACE IT WITH A FULL CYLINDER.

NOTE: Remember to rehang the safety chain on the rack.

- ____ 7. RECONNECT THE FEED LINE TO THE REGULATOR. THE CYLINDER SHOULD NOT BE OPENED UNTIL IT IS NECESSARY.

NOTE: Only one cylinder at a time should be opened to the regulator feed line.

NOTE: Bad tubing or connectors can be dangerous. Inspect all tubing and connections when working with high pressures.

____ 8. RECORD IN LOGBOOK.

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SL 003595

Written by: FJJ
Approved by: DKP
Date: 06-15-92

SOP # 5601-048.SOP
WEEKEND AIR MONITOR AUTOBENCHMARKING

PPG INDUSTRIES - VCM-II

CHECK	ACTION STEP (CAPITOL LETTERS), COMMENTS (small letters)
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1. AT APPROXIMATELY 08:05 AM EVERY DAY, THE VINYL AIR MONITORING SYSTEM WILL AUTOMATICALLY BENCHMARK ITSELF FOR ACCURACY. THIS WILL PRINT ON THE SAME PRINTER AS THE AIR MONITOR DAILY SUMMARY.

2. ON SATURDAY AND SUNDAY THE BENCHMARK PRINTS SHOULD BE PICKED UP BY THE VINYL LEAD OPERATOR.

(The printouts will have the word 'BENCHMARK' on the top of each of the runs. There will be 3 runs: the VCII process monitor, Low temp storage, and the VCII INC GC.)

THE LEAD OPERATOR WILL CHECK THE DEVIATION ON THE REPORT. THE DEVIATION IS THE COLUMN ON THE FAR RIGHT OF THE PAGE, UNDER THE TITLE '% RF DEV'.

EACH DEVIATION SHOULD BE MARKED WITH A YELLOW OUTLINER EVERY WEEKEND DAY. MARKING THE DEVIATION SHOULD OCCUR WHETHER OR NOT THE DEVIATION IS OUT OF SPECIFICATIONS.

3. IF THE DEVIATION IS GREATER THAN +5.0% OR LESS THAN -5.0% THE LEAD OPERATOR WILL CALL THE SHIFT SUPERVISOR TO CALL OUT A PERSON FROM THE ANALYZER GROUP. THIS MUST BE DONE BY 08:45.

IF THE PRINTOUT IS NOT PRODUCED, IF THERE IS SOMETHING WRONG WITH THE PRINTER OR THE PRINTED BENCHMARK, THE SHIFT SUPERVISOR SHOULD BE CONTACTED TO CALL OUT AN ANALYZER TECHNICIAN BY 08:45.

4. THE BENCHMARK SHEETS SHOULD BE PUT IN THE HOLDER WITH THE REST OF THE AIR MONITOR PRINTOUTS TO BE PICKED UP ON MONDAY BY THE SUPERVISOR.

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