



TELEDYNE INSTRUMENTS

Advanced Pollution Instrumentation

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Service Note

99-046 Rev B
2 May, 2007

DRAINING THE WATER TRAP IN THE M701 ZERO AIR GENERATOR BEFORE REPAIRING OR MOVING.

I. SCOPE:

When the power on the M701 is turned off to do repairs or to move it to another location, any water that might be in the water trap can flow into the regenerative scrubber. If water does get into the regenerative scrubber it can cause damage the medium inside the columns of the regenerative scrubber. This procedure will help address / solve this problem by cycling the power.

II. PARTS:

None

III. TOOLS:

None

IV. PROCEDURE:

1. Prior to moving the M701 turn **off** the power switch on front panel of M701 for a moment..
2. Turn the power switch on the front panel back **on**. The compressor should start after a few seconds delay. Just before the compressor starts the solenoid drain valve on the drain for the coalescing filter will open; this will allow the water in the bottom of the filter to be expelled through a rear panel bulkhead union.
3. Turn the power back **off**.
4. Remove the cover from the M701. Check to be sure there is very little or no water in the clear plastic bulb on the bottom of the coalescing filter. The coalescing filter is located on the rear panel next to the fan and copper tube cooling coil. Now the M701 can be safely moved, and maintenance or repairs can be performed.

If you have questions regarding this procedure or any API equipment, please contact an API Customer Service representative at:

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