

TESTING AND VENTILATING MANHOLES

1. GENERAL

- 1.001 This addendum supplements Section 620-140-501.
- 1.002 It is reissued to revise initial purge time requirements.

2. PRECAUTIONS AT MANHOLES

The following changes apply to Part 2 of the section:

- (a) 2.02 — revised
- (b) 2.06 — revised
- 2.02 DO NOT enter a manhole until it has been tested for combustible gas and then power ventilated in accordance with the following:
- (a) Manholes with a volume less than 505 cubic feet shall be purged for a minimum of 10 minutes with a 400 CFM blower; a minimum of 8 minutes with a 500 CFM blower; a minimum of 5 minutes with an 800 or more CFM blower.
- (b) Manholes with a volume of 505 cubic feet or more shall be purged for the interval of time indicated on the Manhole Purging Time Chart, Form E 6647. Instructions for use of the chart are printed on it.

Note: In all cases, the minimum length of purge time shall be 5 minutes.

- 2.06 When a tent is placed over the manhole opening, it is necessary to increase the initial interval of purging time by 50%. After the initial purging of the manhole, the tent skirts can be lowered, but should be arranged to permit unrestricted

circulation from the tent. THE TENT SHALL NOT BE FULLY CLOSED OR TIED UP AT ANY TIME.

3. TESTING MANHOLES FOR COMBUSTIBLE GAS — VENTILATING

The following change applies to Part 3 of the section:

- 3.06 — revised

3.06 (Change the first sentence to read:)

If the initial test indicates that the atmosphere is satisfactory, the manhole shall be ventilated in accordance with paragraph 2.02.

4. TESTING CABLE VAULTS FOR COMBUSTIBLE GAS

The following change applies to Part 4 of the section:

- 4.01 — revised; retain 4.01(1) and 4.01 (2).

4.01 Every cable vault opened for the first time during the day or reopened after being closed for any length of time shall be tested to determine if gas is present. Entrances shall be made only after the following procedures are followed:

7. SUMMARY CHART

The following change applies to Part 7 of the section:

- Fig. 1 — revised

Change the ventilation requirements from “a minimum of 2 minutes (3 minutes with tent)” to “a minimum of 5 minutes (7½ minutes with tent)”.

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