

**MED GAS ALARM
MAINTENANCE**

Effective date: 10/80
Revision date : 08/12

Policy:

Ensure that the medical gas alarms are installed, operated, inspected and maintained according to prevailing standards.

Prevailing Codes and Standards:

TJC EC 02.05.09, NFPA 99C

PM Cross Reference:

Task 8, Craft 9, Equip # GAS... alarm inspection

LOCATION:

1. Hospital K-Wing

(a)	1st floor N/S,	K1-28	VAC, M/AIR, O2
(b)	2nd floor N/S,	K2-07	VAC, M/AIR, O2, N2, N2O, EVAC.
(c)	2nd floor N/S,	K2-21	VAC, M/AIR, O2, N2, N2O, EVAC.
(d)	3rd floor N/S,	K3-07	VAC, M/AIR, O2, N2, N2O, EVAC., CO2
(e)	4th floor N/S,	K4-36	VAC, M/AIR, O2, N2, N2O, EVAC.
(f)	4th floor REC,	K4-08	VAC, M/AIR, O2
(g)	5th floor N/S,	K5-35A-1	VAC, M/AIR, O2
(h)	5th floor N/S,	K5-35A-2	VAC, M/AIR, O2
(i)	6th floor N/S,	K6-23	VAC, M/AIR, O2
(j)	6th floor N/S,	K6-26	VAC, M/AIR, O2
(k)	7th floor N/S,	K7-23	VAC, M/AIR, O2
(l)	7th floor N/S,	K7-26	VAC, M/AIR, O2
(m)	8th floor N/S,	K8-23	VAC, M/AIR, O2
(n)	8th floor N/S,	K8-26	VAC, M/AIR, O2
(o)	9th floor N/S,	K9-23	VAC, M/AIR, O2
(p)	9th floor N/S,	K9-26	VAC, M/AIR, O2
(q)	10th floor N/S,	K10-23	VAC, M/AIR, O2
(r)	10th floor N/S,	K10-26	VAC, M/AIR, O2

2. J-Wing, Hospital

(a)	1st floor N/S,	J1-24	VAC, M/AIR, O2
(b)	1st floor N/S,	J1-06	VAC, M/AIR, O2
(c)	3rd floor N/S,	J3-04	VAC, M/AIR, O2
(d)	4th floor N/S,	J4-06	VAC, M/AIR, O2
(e)	5th floor N/S,	J5-23	VAC, M/AIR, O2
(f)	6th floor N/S,	J6-05	VAC, M/AIR, O2
(g)	7th floor N/S,	J7-01	VAC, M/AIR, O2

3. D-Wing/Emergency Room

(a)	1st floor N/S,	D1-30	VAC, M/Air, O2, N2
(b)	1st floor N/S,	D1-22	VAC, M/AIR, O2

- (c) 2nd floor N/S, D2-41 VAC, M/Air, 02
- (d) 3rd floor N/S, D3-06 VAC, M/AIR, 02

4. H-Wing, Hospital

- (a) 8th floor N/S, H8-10A VAC, M/AIR, 02
- (b) 8th floor N/S, H8-10B VAC, M/AIR, 02
- (c) 4th floor N/S, H4-08 VAC, M/AIR, 02
- (d) 1st floor, H1-17 VAC, M/AIR, 02

5. E-Wing, Hospital

- (a) 3rd floor, E3-20 VAC, M/Air, 02

6. A-Wing, Hospital

- a) 1st floor, A1-14 VAC, M/Air, 02 N2 N20

7. D Bldg., Power Plant

- (a) Ground floor, G-506 VAC, M/Air, 02 N2 N20

8. N Wing, Radiation Therapy

- (a) Ground floor N-G10 VAC, M/Air, 02
- (b) 1st floor N-110 VAC, M/Air, 02

9. Cancer Center

- (a) 1st floor B136 VAC, M/Air, 02
- (b) 1st floor B158 VAC, 02
- (c) 2nd floor B266 VAC, 02
- (d) 2nd floor B229 VAC, 02
- (e) 3rd floor B365 VAC, 02
- (f) 3rd floor B349 VAC, M/Air, 02
- (g) 3rd floor B314 VAC, M/Air, 02 N2 N20

10. Women's & Children's Clinic

- (a) 1st floor 1-147 VAC, M/Air, 02
- (b) 2nd floor 2-137 VAC, M/Air, 02
- (c) 2nd floor 2-110 VAC, 02
- (d) 2nd floor 2-261 VAC, M/Air, 02

11. Ambulatory Care Clinic

- (a) 1st floor 1021 VAC, M/Air, 02 N20
- (b) 1st floor 1106 VAC, M/Air, 02
- (c) 2nd floor 2056 VAC, M/Air, 02
- (d) 2nd floor 2080 VAC, M/Air, 02
- (e) 2nd floor 2135 VAC, M/Air, 02
- (f) 2nd floor 2122 VAC, M/Air, 02
- (g) 2nd floor 2221 VAC, M/Air, 02
- (h) 3rd floor 3158 VAC, M/Air, 02 N20

(I)	3rd floor	3188	VAC, M/Air, 02
(j)	3rd floor	3193	VAC, M/Air, 02
(k)	3rd floor	3228	VAC, M/Air, 02 N20
(l)	3rd floor	3239	VAC, M/Air, 02

12. Allied Health Building

(a)	Ground floor	111	M/Air, 02
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Procedure:

I. MAINTENANCE AND REPAIR

- A. The following repairs must be performed by a medical gas alarm contractor:
 1. Repair, replace and adjust sensor alarms.
 2. Repair circuit boards.
 3. Panel calibration.
 4. Panel and/or sensor modifications.
- B. The following repairs can be performed by shop maintenance personnel:
 1. Installation of a repaired/calibrated panel.
 2. Lamp and receptacle replacement.
 3. Silence button/receptacle replacement.

II. INSPECTIONS

- A. Inspections required prior to initial operation and after maintenance repair.
 1. Ensure that the electrical supply circuit breaker is clearly marked and controls power to the panel.
 2. Ensure that a new or replaced system is electrically safe before operation.
 3. Perform a low pressure alarm check.
 4. Perform a high pressure alarm check.
 5. Ensure that the normal indicator is illuminated.
 6. Press test button to ensure all indicator lamps illuminate.
 7. Replace indicator lamps as needed.
 8. Audible alarm operates correctly.
 9. Alarm silence push button functions normally.
- B. Monthly preventive maintenance inspection.
 1. Ensure that the normal indicator lamp is on.
 2. Press the test button, observe, record and perform the following:
 - a. Alarm should sound.
 - b. Press the silence button to silence the alarm.
 - c. All lamps should illuminate. Replace bulbs as needed.

- d. Record information in the maintenance PM log.
3. Submit work orders and contract requests as needed.

C. Yearly safety inspection.

1. Inspect the alarm circuit breaker panel for electrical safety.
2. Perform a Monthly PM inspection as identified above.
3. Visually inspect the zone and major area control valves for corrosion.