



ELECTROMAGNETIC LOCKS CHECKLIST

For compliance with Sentence 3.4.6.16.(4) of the MBC

Project Address: _____ Building Permit #: _____

Completed by: _____ Company: _____

Phone: _____

Qty. of Mag. Lock Locations for this Project: _____

1. Requirements For All Installations (except portions of Group B2 Occupancies where unrestricted egress may compromise patient safety)

Electromagnetic locks are not installed on doors leading from F1 occupancy, 3.4.6.16.(4).

Building is equipped with a fire alarm system, 3.4.6.16.(4)(a)

Electromagnetic locks release on fire alarm signal, 3.4.6.16.(4)(b).....

Electromagnetic locks release on power failure to locking mechanisms, 3.4.6.16.(4)(c)

A single manual switch is provided to release all locks in the building, 3.4.6.16.(4)(d)

Specify location _____

Switch is existing or new*

Switch is accessible only to authorized persons

A single manual switch is provided to reset all electromagnetic locks in the building, 3.4.6.16.(4)(f)

When released on emergency condition, electromagnetic locks are reset by the manual switch only (not automatic), 3.4.6.16.(4)(f)

Local Lock Release – Hardware Release (time delay):

Door releases within 15 seconds of 90 N of pressure being applied to the opening hardware, 3.4.6.16.(4)(e)

Upon initiation, opening process is irreversible; constant pressure on the opening hardware is not required, 3.4.6.16.(4)(e)

Door does not re-lock until opened, 3.4.6.16.(4)(e)

Sign posted on door indicating that the door will open within 15 seconds, 3.4.6.16.(4)(g)

* If a new switch is to be provided in an existing building, confirm that all existing electromagnetic locks in the building will be controlled by it.

2. Requirements for portions of Group B2 Occupancies where unrestricted egress may compromise patient safety

Building is equipped with a fire alarm system, 3.4.6.16.(4)(a)

Electromagnetic locks release on a fire alarm signal, 3.4.6.16.(4)(b)

Electromagnetic locks release on power failure to locking mechanisms, 3.4.6.16.(4)(c)

Single manual switch is provided to release all locks, 3.4.6.16.(4)(d)

Specify location _____

Switch is existing or new*

Switch is accessible only to authorized persons

3. Electrical Code Requirements

Wiring methods suitable for Class 1 circuit (Rule 16-010).....

Conductors extending from the fire alarm system comply with Rule 32-102

4. Fire Alarm System Verification (to be completed by inspector upon receipt of VI report)

Connections to fire alarm system verified.....

Release on signal from fire alarm system verified.....

* If a new switch is to be provided in an existing building, confirm that all existing electromagnetic locks in the building will be controlled by it.