

## **SUPPLEMENTAL INFORMATION FOR PROJECT REVIEW OF MOBILE CARDIAC CATHETERIZATION UNITS**

In accordance with Chapter 59A-3 F.A.C. and Chapter 395.0163 F.S., cardiac catheterization services rendered within a Mobile Unit are subject to review and approval by the Office of Plans and Construction. The general procedures and requirements for review of a new Mobile Unit are identical with those of all other projects submitted for review as described in Chapter 59A-3 F.A.C. and as further detailed in the document entitled "Information for Project Review".

A plan review fee, completed Plan Review Application, letter of determination from the Office of Certificate of Need and a complete set of construction documents for the facility based construction indicating full compliance with Chapter 59A-3 (19) F.A.C. will be required at the time of submittal. The hospital facility shall designate a contact person for the project and all design professionals and vendors shall complete all relevant information on the Plan Review Application form.

Vendor construction documents detailing the mechanical and electrical systems of the Mobile Unit will also be required if the Mobile Unit has not been previously approved by the Office of Plans and Construction. These documents are not required to be signed and sealed by Florida registered engineers or architects. However, all design changes to the unit and required studies must be properly signed and sealed by a Florida registered engineer or architect as appropriate.

Once a Mobile Unit has been reviewed and approved by the Office of Plans and Construction, its Vehicle Identification Number (VIN) shall be placed on file in the Office of Plans and Construction for future reference. When this Mobile unit is then relocated to a different site, vendor construction documents will not be required to be submitted. However, documents for the facility based construction requirements must still be submitted, reviewed and approved. Once these documents are approved and the facility based requirements constructed, the Mobile Unit will be surveyed at the site to insure operational viability of all equipment as part of the final site survey.

Once this unit meets the minimum requirements of these rules and standards, it may be used for both Outpatient and Adult Inpatient Therapeutic Cardiac Catheterization services.

However, Adult Inpatient Diagnostic Cardiac Catheterization service exempted from Certificate of Need review by Chapter 408.036(n), F.S. has additional requirements contained in Chapter 59A-3(53) F.A.C.. Because of these additional requirements, Mobile Units may only be used in conjunction with this service in the following situations:

1. The use of temporary Mobile Unit service while a facility is under construction or renovation will be permitted. The facility must have a conforming project under review and have submitted the construction documents and a project completion schedule for review and approval. The Mobile Unit may then be submitted for review. Once both the Mobile Unit and the hospital facility based construction requirements have been reviewed and approved by the Office of Plans and Construction, cardiac catheterization services may commence in the Mobile Unit. If the facility fails to complete the construction project within the approved schedule, these services may only continue subject to review and approval by the Office of Plans and Construction.
2. Temporary mobile unit service may be employed for Adult Inpatient Diagnostic service when there is an equipment failure or equipment change out required. A schedule of completion must be submitted and approved and the Mobile Unit must be submitted and pre approved by the Office of Plans and Construction before it is used for patient services.

In no other instance may a Mobile Unit be used for Adult Inpatient Diagnostic service which is exempted from Certificate of Need By Chapter 408.036(n) F. S . unless the Mobile Unit complies with Chapter 59A-3 (53) F.A.C.

All Mobile Cardiac Catheterization Units must comply with all other architectural, mechanical and electrical requirements of Chapter 59A-3 F.A.C. for cardiac catheterization services.

The Mobile Unit must also comply with the minimum standards of the National Fire Protection Association (NFPA) codes including NFPA 99, NFPA 90A, NFPA 72 and NFPA 70, NFPA 110 and NFPA 101 Life Safety Code for egress requirements at stairs and flame spread ratings inside of the mobile unit.

The following list is a further clarification of these code requirements:

- If a piped oxygen system is installed in the Mobile Unit, it shall comply with NFPA 99. A portable oxygen system shall not be required to comply with NFPA 99.
- A portable fire extinguisher shall be required inside of each unit instead of an automatic extinguishing system. However, If an automatic extinguishing system is used, it shall conform to the applicable NFPA codes and standards.
- The HVAC system will not be required to shut down on fire alarm activation in the unit.

- A HVAC system test shall be performed in according to Associated Air Balance Council (AABC) or National Environmental Balance Bureau (NEBB) requirements. The test results report will be required to be submitted for review and approval.
- If developing fluids are used in the processing of films within the Mobile Unit, the film processing area must be adequately exhausted.
- A fire alarm system shall be required but will not have to be equipped with automatic annunciating devices. A fire alarm in the unit shall annunciate at the PBX or 24 hour manned location inside the hospital facility and a fire alarm in the hospital facility shall annunciate in the unit.
- The unit shall be equipped with an emergency generator or shall be connected to the hospital's emergency electrical branch. The mobile Unit generator shall conform to the requirements of NFPA 110 for a Level I type 10 Class 3 system. New procedures shall not be initiated without the operation of the normal electrical branch system. If the unit is connected to the hospital's emergency system, this system must be submitted for review and approval. If the mobile unit is equipped with its own emergency generator, the remote annunciation may be at the manned location in the mobile unit instead of the hospital's 24 hour manned location. And the normal receptacles required by 59A-3 F.A.C. may be connected to the critical branch. There may be one or more automatic transfer switches with three emergency electrical branches including, Life Safety branch, Critical Branch and Equipment Branch.
- Cable systems which conform to NFPA 70, Section 517-13(b) for the emergency branch circuits shall be permitted in lieu of the mechanical protection requirements of NFPA 70 Section 517-30 within the mobile unit.
- A coordination study of the normal and emergency systems shall be required. If the emergency power is provided by the hospital, the study shall include coordination with the hospital's electrical system.
- A Fault Study shall be required to verify the electrical breaker compatibility between the Mobile Unit and the hospital's electrical system and for any utility source power service.
- In addition to the required telephone connection, there shall be a Code Blue call system in the Unit connected to the hospital and enunciated at the hospital's PBX or 24 hour manned location.
- There shall be a ground rod(s) to which the Mobile Unit shall connect.
- If the hospital is equipped with a lightning protection system, the trailer shall be bonded to the system in accordance with the requirements of

NFPA 780. If the mobile unit is not located with the hospital's cone of protection, the unit must be provided with a minimum of two down conductors terminated to ground rods per the requirements of NFPA 780.

- Non metallic conduit shall not be permitted within the Mobile Unit.
- There shall be an equipotential ground test of the Mobile Unit's receptacles submitted for review and approval.
- Locate the generator exhaust at least a minimum of 10' – 0" away from any fresh air intake or window opening in the hospital facility.
- Provide high wind tie downs for the mobile unit.

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