

Critical Infrastructure Checklist

The **Critical Infrastructure Checklist** is provided to support identification of current capabilities required by a CKD Service Provider in terms of the unique considerations for CKD programs in evaluating critical infrastructure requirements in the event of an emergency. The following should be reviewed as it relates to critical infrastructure requirements: Emergency Power Supply, Emergency Dialysis Water Supply, Emergency Laboratory/Radiology Support, HVAC and Biohazard Waste Removal.

Key Areas to Consider

Emergency Power Supply	Yes	No	Action Required
Does your Hospital or Facility have emergency power generation capabilities?	<input type="checkbox"/>	<input type="checkbox"/>	
Is the CKD Program one of the identified priority clinical service areas to receive emergency power generation support in the event of an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	
Do you have a dedicated emergency power generation supply for your CKD program?	<input type="checkbox"/>	<input type="checkbox"/>	

Emergency Power Supply

Yes

No

Action Required

Which of the following clinical service areas within the CKD program is emergency power or generation supply required:

- In-centre hemodialysis
- Home dialysis
- Clinic areas
- Water treatment facility/room
- Biomedical room

Tip: Add specific details as to which locations within each clinical service area as required.

Do you know how long the emergency power generation supply can run without refueling?

Document the known duration of the emergency power generation supply in hours or days.

Do you know the frequency of back-up testing for the emergency power generation system?

Notes

Emergency Dialysis Water Supply

Yes

No

Action Required

Does your Hospital or Facility have emergency water supply contingency plans in the event of an emergency?

Is the CKD Program one of the identified priority clinical service areas to receive emergency water supply support in the event of an emergency?

Which of the following clinical service areas within the CKD program is emergency water supply required:

- In-centre hemodialysis
- Home dialysis
- Clinic areas
- Water treatment facility/room
- Biomedical room

Tip: Add specific details as to which locations within each clinical service area as required.

Will the Hospital or Facility emergency management plan for water supply provide sufficient water supply to the CKD Program to maintain priority clinical service areas in the event of an emergency?

Does the CKD program have an independent contingency plan for incoming water supply for hemodialysis therapy in the event of a complete failure of the hospital/facility water system?

Emergency Dialysis Water Supply (Cont'd.)	Yes	No	Action Required
---	-----	----	-----------------

Has the total water volume requirements been calculated to maintain hemodialysis service in the event of an emergency where there is a disruption in water supply?	<input type="checkbox"/>	<input type="checkbox"/>	
--	--------------------------	--------------------------	--

Emergency Laboratory and Radiology Support	Yes	No	Action Required
--	-----	----	-----------------

Would the CKD program utilize hospital or facility laboratory services in the event of an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	
--	--------------------------	--------------------------	--

Would the CKD program utilize hospital or facility radiology services in the event of an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	
---	--------------------------	--------------------------	--

Does the CKD program have a policy and/or procedures in place for the use of laboratory and radiology services in the event of an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	
--	--------------------------	--------------------------	--

Does the hospital or facility have contingency plans for alternative arrangements for laboratory or radiology services in the event of an emergency and if on-site facilities are inoperable?	<input type="checkbox"/>	<input type="checkbox"/>	
---	--------------------------	--------------------------	--

Other Considerations

Does the CKD program have designated clinical areas capable of having the heating, ventilation and/or air conditioning (HVAC) shutdown in the event of an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	
--	--------------------------	--------------------------	--

Emergency Dialysis Water Supply (Cont'd.)**Yes****No****Action Required**

Does the CKD program have alternative waste disposal plans developed for biohazard waste removal?

Notes