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allows facilities that do not have personnel in the vicinity of the equipment to alert the designated staff at another location. Alarm systems must continue to function during a power failure. This may be accomplished by having the alarm on a separate circuit, installing battery power back-up, or having a power failure alarm.

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**LB.59 The blood bank and transfusion services develop policies and procedures to ensure that the thawed Fresh Frozen Plasma (FFP) units are handled in an appropriate manner.**

- LB.59.1 Thawed FFP units are prepared by thawing the FFP between 30 and 37°C without direct contact with the water.
  - LB.59.2 Thawed FFP units are stored under properly controlled conditions between 1 and 6°C.
  - LB.59.3 Thawed FFP units are transported in properly insulated container between 1 and 10°C.
  - LB.59.4 Thawed FFP units are assigned an expiration time of twenty-four hours from the thawing time.
  - LB.59.5 Requirements for FFP preparation, storage, transport and expiration apply.
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**Standard Intent:**

If FFP are thawed in a water bath, an overwrap bag or other similar protection must be used to prevent water from coming in contact with outlet ports and possibly introducing bacterial contamination. FFP, once thawed, has a shelf life of 24 hours. However, at the end of that interval, the plasma can be relabeled as Thawed Plasma, which can be stored for an additional 4 days at 1 to 6°C. Thawed Plasma prepared from FFP and stored for 5 days contains reduced levels of Factor V (>60%) and Factor VIII (>40%).

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**LB.60 The blood bank and transfusion services develop policies and procedures to ensure that the thawed CRYO units are handled in an appropriate manner.**

- LB.60.1 Thawed CRYO units are prepared by thawing CRYO units between 30 and 37°C without direct contact with the water.
  - LB.60.2 Thawed CRYO units are stored and transported at room temperature (between 20 and 24°C).
  - LB.60.3 Thawed CRYO units are assigned an expiration time of six hours from the thawing time for individual units and four hours from the thawing time of pooled units.
  - LB.60.4 Requirements for CRYO preparation, storage, transport and expiration apply.
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**Standard Intent:**

If CRYO are thawed in a water bath, an overwrap bag or other similar protection must be used to prevent water from coming in contact with outlet ports and possibly introducing bacterial contamination. Once thawed, CRYO has a shelf life of 6 hours from thawing and only 4 hours from pooling. Thawed CRYO is stored at room temperature (20-24°C), during which the mean rates of decline of Factor VIII levels at 2, 4, and 6 hours are approximately 10%, 20%, and 30%, respectively.

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