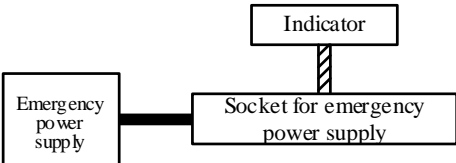
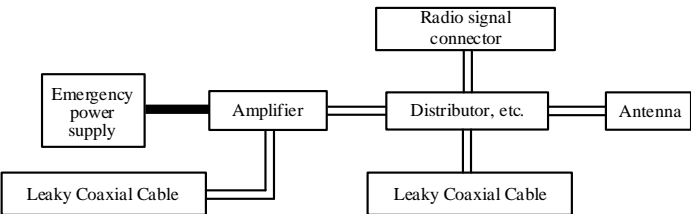


Article 236 Wiring of emergency power supply system in the fire safety equipment shall be equipped with flame-retardant or heat-resistant protection facilities pursuant to classification of the table below.

Equipment Type	Range of Fire-Retardant or Heat-Resistant Protection
1. Indoor (outdoor) hydrant and water spray equipment	
2. Automatic sprinkler, water mist fire extinguisher, foam fire extinguisher, and cooling water sprinkler system	
3. CO ₂ , Inert Gas, Halocarbon and dry powder fire extinguishing systems	
4. Automatic fire alarm system	

<p>5. Automatic alarm system for gas leakage and fire alarm</p>	<pre> graph TD EPS[Emergency power supply] --- SRM[Signal Receiver Machine] ROD[Remot Operation Device] --- SRM AOD[Amplifier Operating Device] --- SRM AOD --- S[Speaker] SRM --- LAD[Local Alarm Detector] SRM --- D1[Detector] SRM --- R[Relay] R --- D2[Detector] D2 --- GLI[Gas Leakage Indicator] Note2[Note 2] Note3[Note 3] </pre>
<p>6. 119 Fire Notification Device</p>	<pre> graph LR SR[Signal Receiver] --- FAN[119 Fire Alarm Notification] FAN --- RA[Remote Activation] </pre>
<p>7. Emergency broadcasting equipment</p>	<pre> graph TD I[Indicator] --- OD[Operating Device (including remote operating device) or activation device] OD --- A[Amplifier] A --- S[Speaker] EPS[Emergency power supply] --- A </pre>
<p>8. Emergency symbols</p>	<pre> graph LR EPS[Emergency power supply] -- Note 4 --- EDI[Evacuation Direction Indicator] EPS -- Note 4 --- EI[Exit Indicator] </pre>
<p>9. Emergency lighting equipment</p>	<pre> graph LR EPS[Emergency power supply] -- Note 5 --- EL[Emergency Lighting] </pre>
<p>10. Water Pipe connections and dedicated firefighting water tank</p>	<pre> graph LR EPS[Emergency power supply] --- CPM[Control Panel or Signal Receiver Machine] CPM --- AD[Activation Device] CPM --- AI[Activation Indicator] CPM --- M[Motor] M --- P[Pump] P --- OWC[Outlet or Water Connector] </pre>
<p>11. Smoke exhaust</p>	<pre> graph TD EPS[Emergency power supply] --- CPM[Control Panel or Signal Receiver Machine] CPM --- FEV[Fume Exhaust (Smoke Vent)] CPM --- D[Detector] CPM --- M[Motor] M --- SEF[Smoke Exhaust Fan] CPM --- MSRD[Manual Switch or Remote Operation Device] Note6[Note 6] </pre>

12. Sockets for Emergency Power Supply	
13. Wireless Telecom Accessories	
<p>Note 1: Where a Fire Alarm Signal Transmitter also serves as an activation device for other fire safety devices, the indicator circuit shall adopt heat-resistant protection.</p> <p>Note 2: Emergency Power Circuit for the Relay (aka Module): A Relay equipped with a built-in battery may be connected with regular wiring.</p> <p>Note 3: Control Circuit of Relay: shall adopt heat-resistant protection.</p> <p>Note 4: Signage Devices equipped with built-in batteries may be connected with regular wiring.</p> <p>Note 5: Ceiling and substrate made of incombustible material: heat-resistant protection may be used. Emergency lighting equipped with a built-in battery may use regular wiring.</p> <p>Note 6: Where external emergency power supply is required for keeping the device in its opened state, the circuit of emergency power supply shall adopt flame-retardant protection.</p>	
<p>Remarks: 1. Devices powered by emergency power supply of fire alarm receiver or control panel shall adopt flame-retardant protection; its control circuit may adopt heat-resistant protection.</p> <p>2. Wiring for connecting the integral operating device of disaster monitoring system with the fire safety device shall adopt heat-resistant protection. The wiring for connecting said device with the emergency power supply shall adopt flame-retardant protection. However, for fire alarm receivers, amplifiers, operating devices, etc. installed inside the Disaster Prevention Center, general wiring may be adopted within the Center.</p> <p>3. Thick solid line : Flame-retardant protection; Line with diagonal hatching : Heat-resistant protection; Thin solid line : Coaxial Cable; Thin solid line : General wiring; Dashed line : Piping.</p>	