

# 安全时刻



NO. 033  
2026年1月6日

## 实验室用电安全

**1** 严禁过载使用插座和插排，避免多台高功率仪器或设备同时接入。

**2** 电气线路与设备应绝缘良好，及时更换老化、破损的电源线。

**3** 插座插排与带电设备远离水源，不要将插排直接放置于地面使用，避免插排串接使用。

**4** 离开实验室时，请关闭电器和设备的电源。

**5**

当需要进行电气作业或发现异常时，应及时上报，由专业电工进行操作，切勿擅自处理。

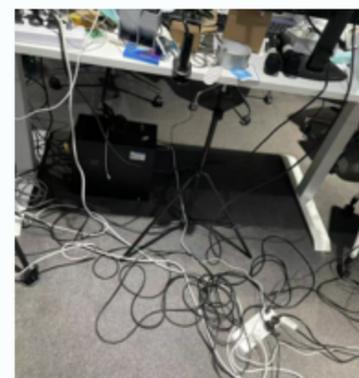
**6**

当电气设备或线路着火时，切勿用水灭火，应第一时间断电并使用就近的灭火器灭火。如不能自行处理，应立即疏散，并第一时间上报。

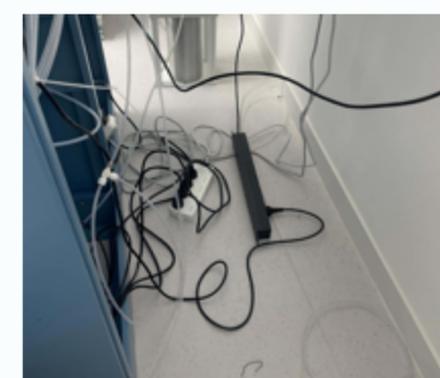
## 常见电气安全隐患



电路过载



电线缠绕



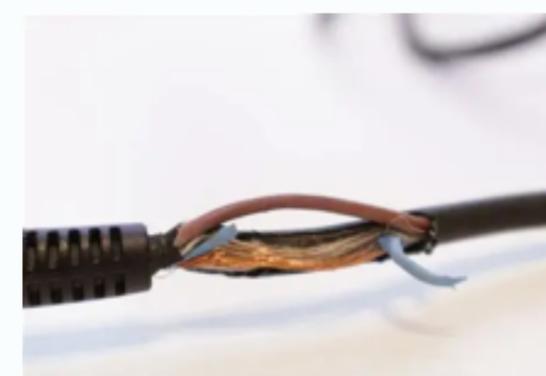
插排串联且直接置于地上



液体溅洒



配电箱堵塞



电线磨损

# Safety Moment



NO. 033  
JAN 6, 2026

## Laboratory Electrical Safety

1

Overloading of sockets and power strips is strictly prohibited. Avoid connecting multiple high-power instruments or devices simultaneously.

2

Electrical wiring and equipment must be well-insulated, and aged or damaged power cords should be replaced promptly.

3

Keep power strips and electrical devices away from water sources. Do not place power strips directly on the floor, and avoid connecting multiple power strips together.

4

Turn off the power to electrical appliances and equipment before leaving the laboratory.

5

When electrical work is required or abnormalities are detected, report the issue promptly. Only professional electricians should perform the work, do not handle it without authorization.

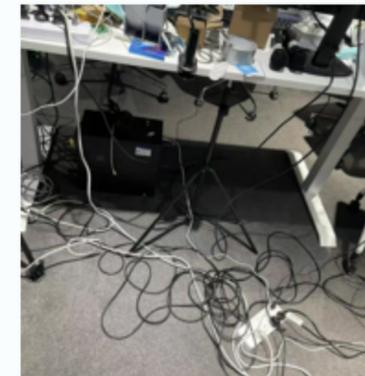
6

In case of fire involving electrical equipment or wiring, do not use water to extinguish it. First, cut off the power and use the nearest fire extinguisher. If unable to handle the situation independently, evacuate immediately and report the incident as soon as possible.

## Common Electrical Safety Hazards



Overloaded Circuits



Tangled Cords



Daisy-Chained Power Strips & Placed Directly on the Floor



Splash Hazards



Blocked Electric Panel



Frayed Wiring