

Lessons Learn



What happened?

Dec 2019 (2)

Time: December 18, 2019

Subject: Fire, Electrical

Location: Pingfeng Campus, Zhejiang University of Technology

At 19:52 pm on December 18, 2019, a fire broke out on the 4th floor of the dormitory of Building 5, Dongyuan, Pingfeng Campus, Zhejiang University of Technology. After the fire broke out, the fire brigade dispatched the Xihu District fire brigade to dispatch six fire engines from two squadrons in Liuxia and Jiangcun. After the best efforts, the fire went out at 8:13 that night. At 8:40, there were no casualties after multiple site confirmations.

The point of fire was Room 409, Dormitory, Building 5, Dongyuan, Pingfeng Campus, Zhejiang University of Technology. The dormitory was unoccupied at the time.

Firefighters successfully rescued 6 trapped personnel from the two bedrooms diagonally opposite to the 409.



资料来源: QQ 新闻-杭州消防

What have we learned from this?

This accident was investigated by the fire department and was caused by electrical appliances. It was initially determined that the patch panel was faulty, igniting nearby combustible materials, and causing a fire.

- In the statistical data of fire accidents, more than 60% of the accidents are electrical fire accidents. The main causes of electrical fires are aging electrical lines, improper use of electrical

What steps should we take?

- College
Draw up a management system for safe power use in dormitories, organize students to carry out related training on safe power use and basic knowledge of fire protection, and improve students' safety awareness.
- The main power switch in the dormitory should have leakage protection and over-current

Lessons Learn



appliances, short circuits, and overloads.

- The power strips have a certain rated current. If they are overloaded, they will easily cause overload and heat generation of the line, which may cause a fire.
- When using a power strip or electrical appliance, do not place it too close to flammable or flammable items.

protection functions.

- Safety department

Carry out regular inspections of safe power consumption, especially whether the high-power electrical appliances are used in the dormitory, and whether the use of power strips is standardized.

- student

When purchasing a patch panel, you should purchase products from a regular manufacturer with 3C certification.

The rated current of plug-in boards on the market is generally 10A, and it should not be overloaded during use.

During use, do not stack flammable or flammable items around the patch panel.

It is best to power off the power strip when people leave the room or sleep at night.

Nothing we do is worth getting hurt for !