

**HASIČSKÝ ZÁCHRANNÝ SBOR**



# Fire Safety in UHK Dormitories

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## Program:

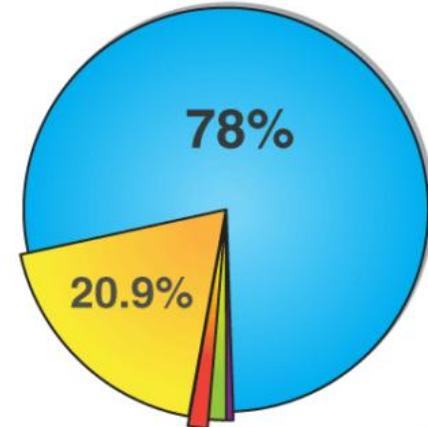
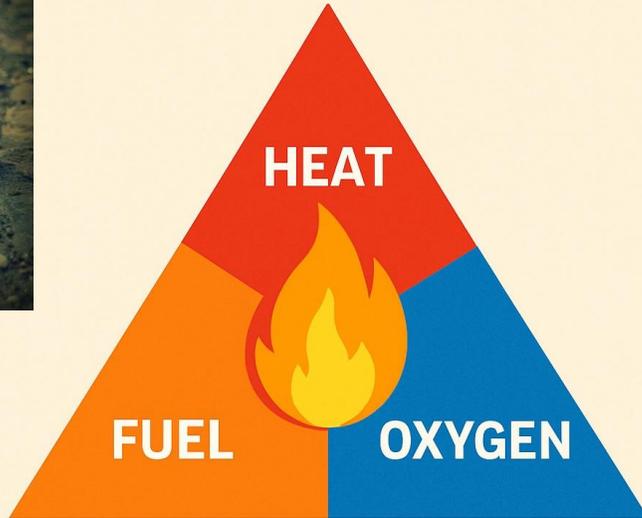
- Principles of fire
- Applicable regulations
- Basic responsibilities
- Evacuation
- Fire extinguishing demonstration (kitchen fire – outside)

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# PRINCIPLES OF FIRE





- Nitrogen - 78%
- Oxygen - 20.9%
- Other Gases - >0.17%
- Argon - >0.90%
- Carbon Dioxide - 0.03%

Components of Air

# FIRE TRIANGLE



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[https://www.youtube.com/watch?v=Wcjl4aRm\\_g](https://www.youtube.com/watch?v=Wcjl4aRm_g)



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# REGULATIONS AND BASIC RESPONSIBILITIES





## Key regulations:

- Act No. 133/1985 Coll. on Fire Protection
- Decree No. 246/2001 Coll. on Fire Prevention
- Act No. 239/2000 Coll. on the Integrated Rescue System
- Fire Alarm Guidelines – Palachova Dormitory 1129
- Fire Evacuation Plan – Palachova Dormitory 1129
- Fire Safety Rules – Palachova Dormitory 1129



## LEGAL OBLIGATION (SIMPLIFIED)

- Everyone is required to act in a way that prevents fires and does not endanger life, health, animals, or property.
- In case of fire or emergency, everyone must provide reasonable assistance, unless doing so would put themselves or others at serious risk.



E-scooter:

<https://www.youtube.com/watch?v=ld00r-tEEJ4>



## FIRE SAFETY RULES – EXTRACT

- Follow the fire safety instructions included in the accommodation agreement
- Any use or damage of fire protection equipment must be reported immediately
- In case of fire, take immediate action to prevent its spread
- Always follow fire alarm procedures, **including reporting the fire**

## FIRE SAFETY EQUIPMENT

- Autonomous fire detection (smoke detectors)
- Manual fire alarm buttons.





## EMERGENCY CONTACT NUMBERS

- Emergency number: 112
- Fire department: 150
- Police: 158
- EMS: 155
- Electricity failure: 800 850 860
- Gas failure: 1239
- Water failure: 841 111 213
- Dormitory manager: 493 336 103





## FIRE ALARM RULES

- Fire alarm is announced by sound signal and shouting “FIRE!”
- After the alarm, all residents must immediately leave the building
- Use stairs only (**NEVER USE AN ELEVATOR DURING A FIRE**)
- Gather at the parking area in front of the dormitory

## ELECTRICAL EQUIPMENT



- Keep access to electrical panels clear at all times.



# FIRE EXTINGUISHERS

<https://www.youtube.com/watch?v=75JGyLvT5Fw>



PŘEHLED o umístění věcných prostředků PO a požárně bezpečnostních zařízení		
Místo instalace	Počet	Druh
<b>VCHOD A</b>		
- Strojovna výtahu 8. NP	1	Sněhový 1,5 kg
- schodiště 1. NP až 8. NP po 1 ks	9	Práškový 6 kg
- 1. NP - počítače	2	Halonový 1 F
<b>VCHOD B</b>		
strojovna výtahu 9. NP	1	Práškový 6 kg
- schodiště 1. NP až 8. NP po 1 ks	9	Práškový 6 kg
- 1. NP - recepce	2	Práškový + sněhový 6 kg
<b>VCHOD C</b>		
- strojovna výtahu 8. NP	1	Sněhový 1,5 kg
- schodiště 1. PP až 8. NP po 1 ks	9	Práškový 6 kg
<b>VCHOD D</b>		
- strojovna výtahu 8. NP	1	Sněhový 1,5 kg
- schodiště 1. PP až 8. NP po 1 ks	9	Práškový 6 kg
<b>VCHOD E</b>		
- strojovna výtahu 8. NP	1	Sněhový 1,5 kg
- schodiště 1. PP až 8. NP po 1 ks	9	Práškový 6 kg
<b>VCHOD F</b>		
- strojovna výtahu 8. NP	1	Sněhový 1,5 kg
- schodiště 1. PP až 8. NP po 1 ks	9	Práškový 6 kg
<b>VCHOD G</b>		
- strojovna výtahu 8. NP	1	Práškový 6 kg
- schodiště 1. PP až 8. NP po 1 ks	9	Práškový 6 kg
<b>HYDRANTY</b>		
VCHOD „A“ až „G“ po 5 ks ve vchodu Vždy schodiště – 1.NP, 3. NP, 5. NP, 7. NP a 8. NP po 1 hydrantu	35	C52

## FIRE SAFETY EQUIPMENT

- Wall-mounted hydrants and hose systems





# FIRE SAFETY EQUIPMENT

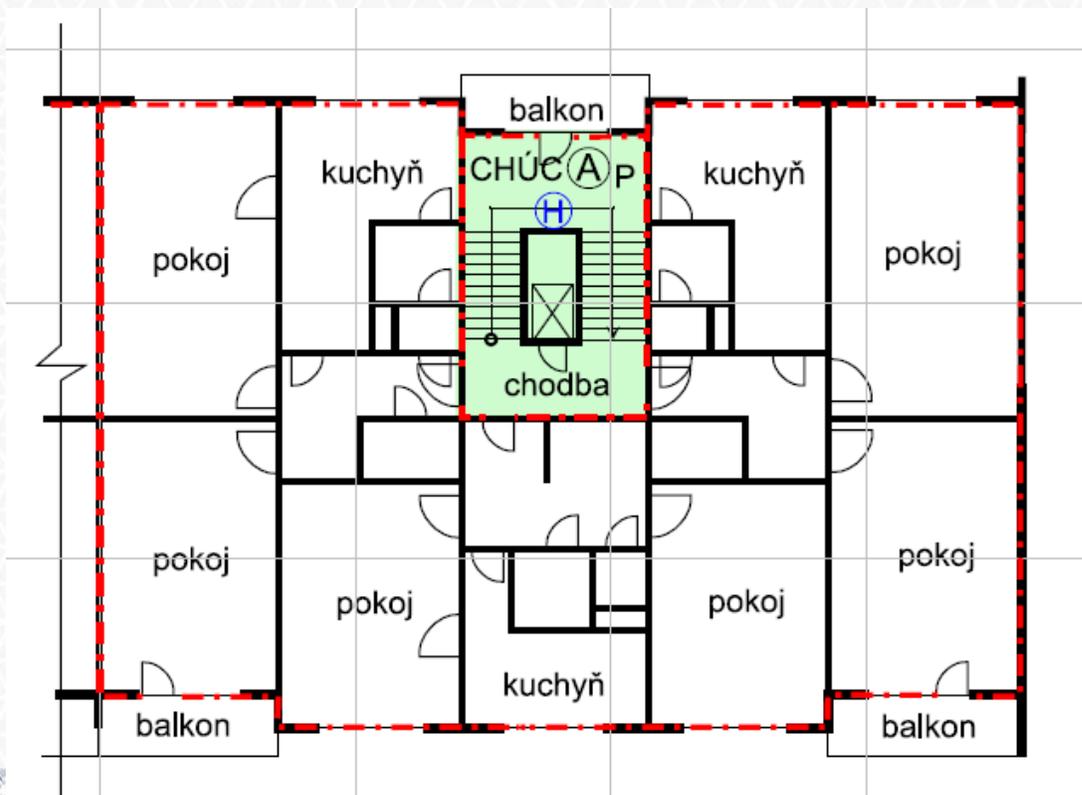
- Wall-mounted hydrants and hose systems

<https://www.youtube.com/watch?v=vPfqfSy4gWs>

<https://www.youtube.com/watch?v=80TMK-OGCJg>

# FIRE SAFETY EQUIPMENT

- Wall-mounted hydrants and hose systems



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# EVACUATION





## ESCAPE ROUTES

- Escape routes and exits must be marked with safety signs, and access roads and boarding areas must always be clear.
- No materials may be stored (even temporarily) or otherwise built up on escape routes, accesses to portable fire extinguishers, external, internal and wall fire water pipes (hydrants), switchboards, main valves, etc.



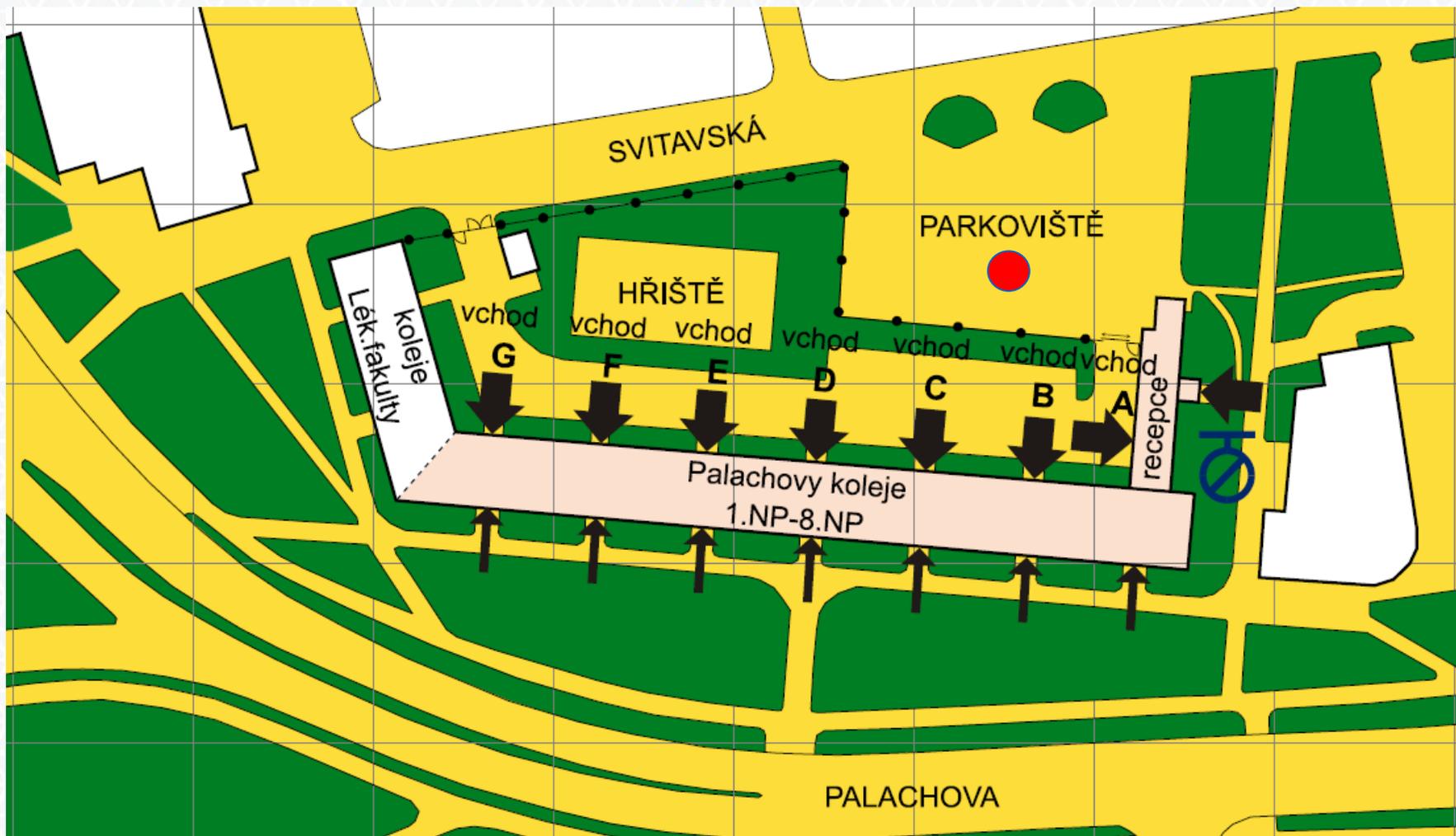
# EVACUATION ANNOUNCEMENT

Evacuation is announced:

- by siren
- or verbally

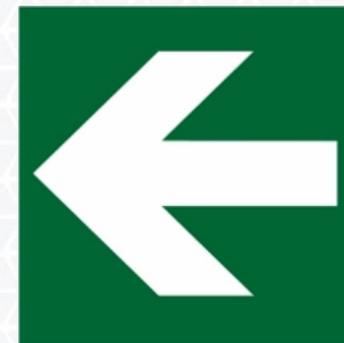
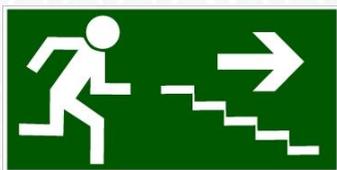
**“Evacuation has been declared.**

**Leave the dormitory calmly and gather at the parking area.”**



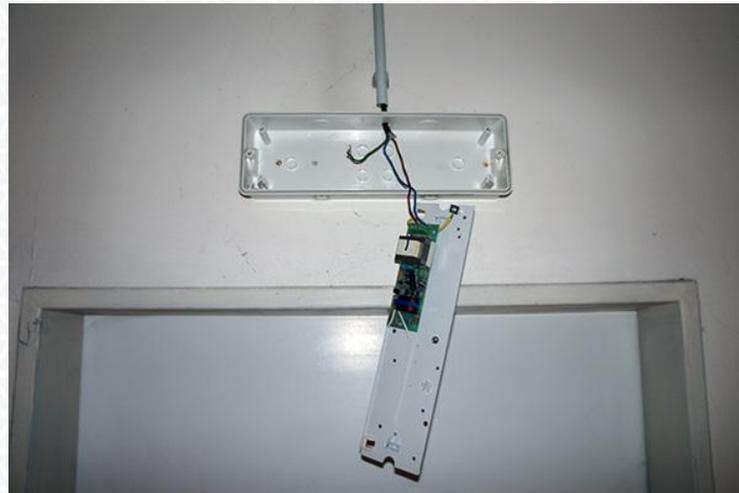
## ESCAPE SIGNS

- Show direction to the nearest exit when it is not visible



# FIRE SAFETY EQUIPMENT

- EMERGENCY LIGHTING





# EVACUATION MANAGEMENT

- Evacuation is managed by staff or building management.
- All employees and residents must follow instructions.

## ELEVATORS



**Do not use elevators  
during a fire**





## EVACUATION ZONES

- Evacuation applies also to nearby sections if needed.
- Assembly point: parking area in front of the dormitory.
- Attendance is checked by staff.

## FIRE SAFETY EQUIPMENT

- **FIRE DOORS**

- Must not be blocked open
- Must remain intact and functional

[https://www.youtube.com/watch?v=\\_4gBnqPXYJg](https://www.youtube.com/watch?v=_4gBnqPXYJg)







## MOST COMMON CAUSES OF FIRE:

- Negligence (e.g. unattended cooking, unsafe electrical repairs)
- Smoking
- Open flames near flammable materials
- Electrical faults

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<https://www.youtube.com/watch?v=qib8ND4KrPc>

[https://www.youtube.com/watch?v=g6T6G\\_-htVw](https://www.youtube.com/watch?v=g6T6G_-htVw)

<https://www.youtube.com/watch?v=xr6b9b8FYKk>

<https://www.youtube.com/watch?v=IXgibiVbnYc>

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# QUESTIONS.



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**Thank you for your attention.  
We will now move outside.**

