



C 4.8

Fire Protection Regulations - Part B

Measures for the prevention of fires, conduct during fires and other damage events

For persons engaged in commercial activities who are deployed on the grounds of Frankfurt Airport on behalf of Fraport AG or on behalf of third parties.

Version

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1. Foreword

Fraport AG has produced these Fire Protection Regulations (in German “BSO” for short) in order to comply with the statutory requirements. They supplement Part II, 5 “Safety Regulations” of the C2.1 Airport User Regulations. These Fire Protection Regulations are the summary of basic rules for fire prevention and the self-help measures to be taken in case of fire or other damage events. They provide information on preventive, defensive, and in-house organizational fire protection measures.

The Fire Protection Regulations are organized according to DIN 14096 and address:

- Fire Protection Regulations (BSO) Part A - all persons present on the grounds of Frankfurt Airport.
- Fire Protection Regulations (BSO) Part B - all persons engaged in commercial activities who are deployed on the grounds of Frankfurt Airport on behalf of Fraport AG or on behalf of third parties.
- Fire Protection Regulations (BSO) Part C - all persons with special fire protection duties on the grounds of Frankfurt Airport (Part C).

The Fire Protection Regulations serve:

the safety of passengers, visitors, and all persons engaged in commercial activities on the grounds of Frankfurt Airport, the protection of the environment, the preservation of jobs, and therefore the public interest.

The Fire Protection Regulations are subject to change.

Fraport AG, Frankfurt am Main, December 2023

Dr. Stefan Schulte

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Chairman of the
Executive Board

Fire protection officer

Fire protection officer

2. Fire Protection Regulations Part A

Fire Protection Regulations Part A apply to all persons on the grounds of Frankfurt Airport. The rules stem from the notice shown below.

Brandschutzhinweis

Fire Safety Notice



Brände verhüten

Keine offene Flamme
Keine offenen Zündquellen
Rauchen verboten

Prevent fire

No open flames
No unshielded ignition sources
Smoking prohibited



Verhalten im Brandfall

Ruhe bewahren

Brand melden
Telefon: 112
Mobiltelefon: 069/690-112
Druckknopfmelder betätigen

Fire emergency procedures

Keep calm

Report the fire
Internal phone: 112
Mobile phone: 069 690 112
Actuate the manual fire alarm



In Sicherheit bringen

Gekennzeichneten Fluchtwegen folgen
Türen schließen
Gefährdete Personen warnen
Hilflose Personen mitnehmen
Sammelstelle aufsuchen
Aufzug nicht benutzen
Anweisungen befolgen

Get to safety

Follow the designated escape routes
Keep doors shut
Warn persons at risk
Assist others in need of help
Get to the assembly point
Do not use the lift
Follow instructions



Löschversuch unternehmen

Feuerlöscher benutzen
Wandhydrant benutzen

Attempt to extinguish the fire

Use the fire extinguisher
Use firefighting equipment

Figure 1: Fire Protection Regulations Part A

3. Fire Protection Regulations Part B

3.1 Introduction

Fire Protection Regulations Part B apply to all persons engaged in commercial activities who are working on the grounds of Frankfurt Airport on behalf of Fraport AG or on behalf of third parties. In terms of location, it applies to all buildings and structural facilities of Fraport AG on the grounds of Frankfurt Airport. In the event of order placement, leasing or other contractual commitments, contracting parties, external companies, and concessionaires must give a written undertaking to comply with the Fire Protection Regulations and all fire protection requirements, and to instruct persons acting on their behalf on the applicable fire protection measures (external company management). In addition, Fire Protection Regulations Part B contain information and instructions relating to fire prevention measures as well as conduct in the event of a fire. All persons present on the grounds of Frankfurt Airport are obliged to prevent fires and other damage by acting with the utmost care and attention. All persons covered by Fire Protection Regulations Part B must inform themselves of the fire hazards and protective measures in their area of work and the measures to be taken in case of danger.

3.2 Fire Prevention

- You may smoke only in designated areas and identified smoking facilities. Dispose of tobacco remnants exclusively in the containers provided for this purpose.
- You must obtain approval to work with flammable substances or open flames in areas not specifically designated for this type of work.
- Avoid the accumulation of waste materials and easily combustible substances. Do not store them (for more than 24h).
- Investigate indications of a fire (smell of fire, smoke formation) immediately.
- Use rooms solely for the intended purpose in order to prevent fires and comply with occupational health and safety regulations.
- Close windows and doors when you have finished working.
- If at all possible, do not leave electrical equipment plugged into the mains or power strips for lengthy periods.
- Do not extend power strips with a further power strip.
- Never operate portable (electrical) equipment without supervision (e.g. coffee machine, kettle, microwave ovens, etc.).



Figure 2: Prohibition of open flames and smoking, waste disposal, monitoring of equipment operation

3.2.1 Flammable, Self-ignitable Operating Materials and Waste Materials

- Self-ignitable, flammable waste materials must be stored only in the non-flammable containers intended for this purpose. After work is finished, these containers must be emptied at the intended waste disposal points. Flammable and/or explosive substances, including aerosol cans and compressed gas cylinders, must not be stored near fire/heating installations.
- Flammable liquids – even in small quantities – must be stored exclusively in unbreakable containers. After filling/unloading, these containers must immediately be sealed and transported to the designated place of storage (lockable safety cabinets, etc.).
- All containers with highly flammable, oxidizing liquids and other hazardous substances must be labeled and stored in accordance with the Ordinance on Hazardous Substances. In addition to the corresponding symbol (see Figure 3), the content must be clearly indicated on the containers, i.e. coded labeling is not permitted.



Figure 3: Warning against hazardous substances

3.2.2 Electrical Equipment and Rechargeable Batteries (Lithium Batteries)

- Only electrical equipment provided by the employer may be used.
- Charging and storage of electrical equipment and rechargeable batteries in escape and emergency routes are not permitted.
- Charging and storage (for longer than 24 hours) of low-power lithium metal batteries and lithium ion batteries are possible with no further fire protection requirements. A low-power battery is defined as follows:
 - ≤ 2g lithium per battery
 - ≤ 100 Wh per battery
 - ≤ 12 kg gross per battery

Examples of this are single-cell batteries and small-cell batteries, which are mainly used in computers, multimedia, small appliances, and small tools, etc.



Figure 4: Batteries icon

- Other electrical equipment to which this exception does not apply must be stored separately. Consult your superior or get in touch with the fire protection officer about this.

The use of electrical equipment that is not provided by the employer (personal devices) must be coordinated with the relevant superior.

Electrical equipment must always be used for the intended purpose and in accordance with the instructions for use. The employer must perform an electrical test in accordance with Regulation 4 of the German Social Accident Insurance (DGUV) prior to initial use.

3.3 Spread of Fire and Smoke

To prevent or minimize the spread of fire and smoke within the building and to keep the escape and rescue routes and stairwells free of smoke and other hazardous fumes, fire and smoke doors and gates must not be blocked or tampered with.



Figure 6: Fire door sign



Figure 5: Decommissioning of a fire door

Prohibited zones are designated in specific buildings. These areas are marked with red hatched ground markings, and must always be kept clear.



Figure 7: Fire load-free zone

3.4 Escape and Rescue Routes

- Escape and rescue routes are routes that are used for unassisted escape from a possible hazard area and can usually also be used to rescue people. Escape and rescue routes start at all locations in the workplace to which employees have access as part of their work or in which they spend time when using side rooms, sanitary facilities, cafeteria facilities, break rooms, duty rooms, first-aid rooms, and accommodation. Outdoor staircases, accessible roof surfaces or open corridors can also be part of an escape and rescue route.
- Always keep escape and rescue routes clear.
- You are required to memorize the emergency routes at the workplace.
- In the event of an incident, unlock secured or locked doors in rescue routes via “escape route control terminals”.
- Concealing or moving of the safety signs and the escape and emergency plans displayed is prohibited.

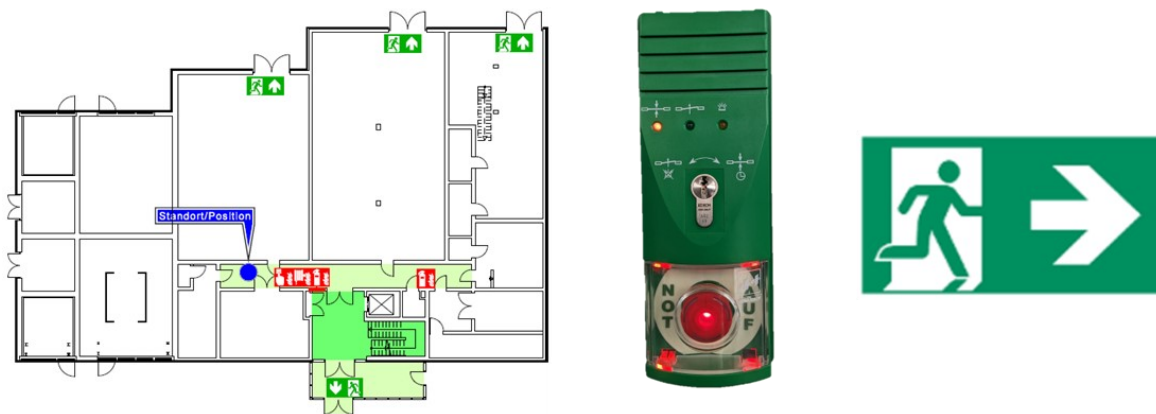


Figure 8: Diagram of the escape and emergency plans, escape route control terminal, escape route sign

3.5 Alarm Systems, Extinguishing Equipment, and Manual Control Devices in the Event of a Fire

- Alarm systems are manual fire alarms and telephones.
- Extinguishing equipment is fire extinguishers, wall hydrants, and risers (risers are only used by the fire department).
- There are manual control devices for smoke outlets, pressurization systems, and fire barriers.
- Moving of alarm systems, extinguishing equipment, and manual control devices is prohibited. Keep these items accessible at all times.
- All misuse of fire extinguishing equipment, fire extinguishers, and alarm devices is prohibited.

All persons covered by Fire Protection Regulations Part B must inform themselves of the locations of fire extinguishing equipment and fire detection equipment in the vicinity of their workstation.



























Figure 9: Manual fire alarms, smoke outlet, manual activation of a fire door



Figure 10: Fire extinguisher, extinguishing spray, wall hydrant with integrated manual fire alarm and fire extinguisher, riser for the fire department

3.6 Fire Safety Signs

Firefighting equipment and equipment for emergencies must be specially labeled. The pictograms displayed vary on the grounds of Frankfurt Airport, with old and new labeling requirements. A comparison is set out below:

Safety signs as per ASR A1.3 Health and Safety Signs		
Old	New	Description
Fire safety signs		
		Fire extinguisher
		Fire hose
		Fire escape ladder
		Firefighting devices and equipment
		Fire alarm
		Fire emergency telephone
Escape and rescue signs		
		Emergency exit on the right/left
		First aid
		Emergency telephone
		Collection point
		AED (automated external defibrillator)
		Emergency exit with fire escape ladder
		Rescue exit
		Do not use elevator in the event of a fire

3.7 Conduct in the Event of a Fire

- Perform all measures that are possible without putting yourself at risk.
- Keep calm — the biggest danger is panic.
- Rescuing human life takes precedence over fire control.

3.7.1 Reporting a Fire

Anyone who discovers a fire must report it immediately as follows:

- Push the manual fire alarm, dial 112 on a landline telephone or +49 69 690 112 on a cell phone
- Save the internal emergency number under “Fraport Emergency” in order to raise the alarm quickly and get help where it is needed in the event of a fire.



Figure 11: Emergency numbers and manual fire alarm

3.7.2 Details When Reporting a Fire

The following information is needed when reporting a fire:

- **Who** is reporting the fire?
- **What** is burning?
- **How many people** are affected/injured?
- **Where** is the fire?
- **WAIT** for questions!



Figure 12: The 5 key questions

3.7.3 Details for Location Tracking

The following details and reference points help to give a more precise description of the location of the fire you are reporting:

- Building numbers (three-digit number).
- Staircase designations (building number including letter).



Figure 13: Building number

More detailed information is useful for the terminal areas in particular. This can be an information gate, gate numbers, check-in desk numbers or a location QR code.

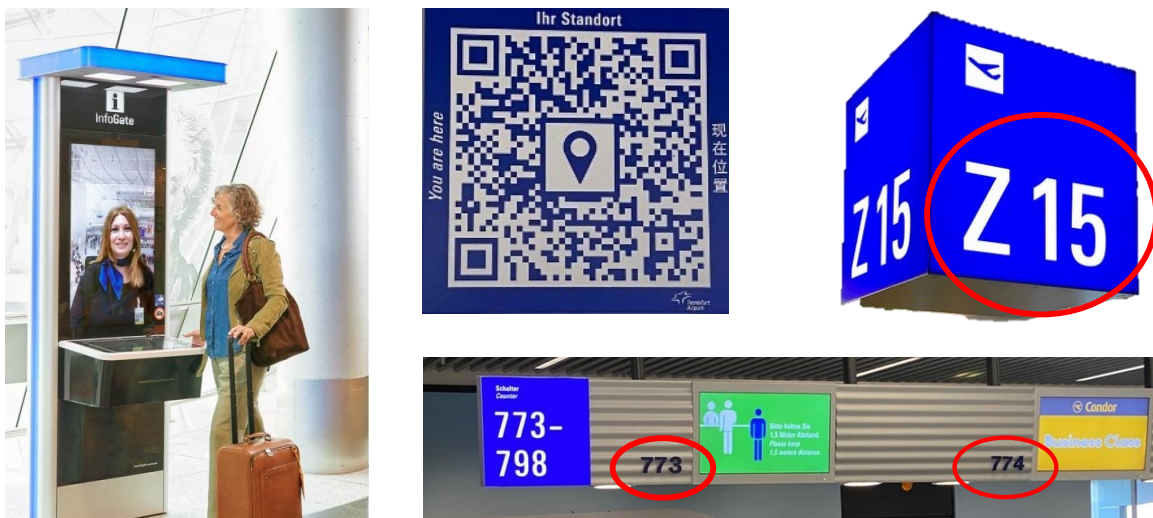


Figure 14: Information gate, location QR code, gate designation, check-in desk numbers

To pinpoint the location, you can also pass on the nomenclature shown on all building doors when reporting a fire.

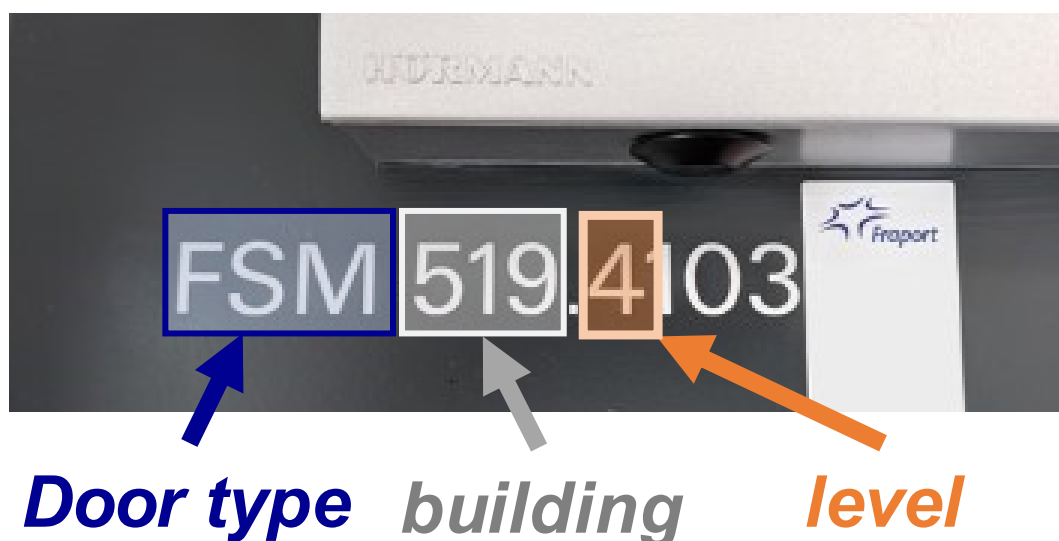


Figure 15: Door nomenclature: Type - Building - Level

3.8 Obeying Alarm Signals and Instructions

3.8.1 General Alarm Signal

The general alarm signal ("DIN tone") is a continuous tone with a pitch that alternates every second. This means "Leave the building". The designated escape routes must be used for this. No one is allowed back into the building until emergency responders have given the all-clear, even if the alarm has stopped sounding.

3.8.2 Terminal Facilities

An automated voice announcement in four languages (German, English, French, and Spanish) is issued across terminal facilities. In the event of such an announcement, the building must be vacated immediately. The designated escape routes must be used for this. No one is allowed back into the building until emergency responders give the all-clear, even after the alarm has stopped sounding.

The text of the above-mentioned voice announcement is as follows:

"Attention please, this is the airport fire department. Please leave the building immediately through all exits and emergency exits without hurrying. Could you please help all children, elderly and disabled persons."

A bell sounds twice before general service announcements with instructions. The instructions issued in the service announcements must be heeded.

3.8.3 Instructions

The instructions of the emergency responders from government agencies, the Airport Fire Department, Security, and Terminal Management must be heeded.

3.9 Evacuating the Area

- Get yourself, your colleagues, customers, visitors, and passengers to safety. In dangerous situations and in the event of an alarm, all employees must help people in at-risk areas to get out in an orderly manner.
- Exit the building carefully. If possible, check side rooms such as kitchenettes, meeting rooms, and sanitary facilities quickly and sporadically.
- When leaving the area where the alarm is sounding, look out for people who are standing around, uncertain, and lost, tell them to go to a safe area, and accompany them. Help people with restricted mobility to leave the at-risk area.



Figure 16: Everyone can help!

- Go to a safe area. In a fire, safe areas are areas outdoors or the designated collection point for the building.
- Do not use the elevator in a fire. There is a risk of suffocation.
- If possible, close the windows and doors when leaving rooms.
- If possible, switch off devices and machinery when leaving.
- Do not retrieve any personal items; go straight outside via the escape routes.
- Use designated, labeled, and smoke-free escape routes.
- After leaving the building, head for the designated collection point.
- If people are missing, inform the fire department immediately.
- Do not enter the building until the emergency responders have given the all-clear.



Figure 17: Switch off machinery, do not use the elevator, close doors, ask people to leave.

3.10 Attempting to Fight a Fire

- Never put yourself at risk when attempting to fight a fire.
- Tackle incipient fires with the available fire-extinguishing equipment.
- Pay attention to routes of withdrawal.
- Comply with the DGUV code of conduct on handling fire extinguishers.



Figure 18: DGUV information

3.11 Special Rules of Conduct

- Report damage, defects or used firefighting equipment to your supervisor and the Central Incident Reporting Office (ZAS).
- In the terminal facilities, Terminal Duty Management must also be informed.
- Special safety precautions are required when working with fire or spark-generating tools. To this end, a request to perform flammable work must be submitted and approved. To do this, please contact department AVN-SG2:
 - Phone: +49 69 690-46116
 - E-mail: brandsicherheitsdienst@fraport.de
- Changes of use or events (outside of the areas provided and approved) must be coordinated with and approved by Preventive Fire Protection and the owner's representative and, in the case of terminal facilities, Area Management.

List of telephone numbers

Contacts	Internal	External
Fire department & rescue service	112	+49 69 690-112
Police	110	110
Safety and Security Control Center	22222	+49 69 690-22222
Emergency number for security incidents	114	+49 69 690-114
Terminal Duty Management	55555	+49 69 690-55555
Central Incident Reporting Office (ZAS)	119	+49 69 690-119