

Hotel Fire Protection



Quincy MA. 2015-05-12



Fatal Fire Accident

Hotell Borgholm 9 april 2004



Lack of fire safety is a crime !

Judgment has been given in Kalmar District Court February 26, 2009 the owner and CEO of Hotel Borgholm sentenced to manslaughter after the fire in the hotel in April 2004, when two guests died.

Verdict- suspended sentence 2 years

The Swedish Accident Investigation Authority

The Swedish Accident Investigation Authority (SHK) is a state authority with the task of investigating accidents and incidents with the aim of improving safety.

Recommendations from SHK

- Swedish Rescue Services Agency (current MSB) is recommended to improve fire protection by:
 - Take action to ensure minimum standards
 - Work for better quality of regulatory supervision
 - Promote the hotel sector to produce quality systems

Responsibility

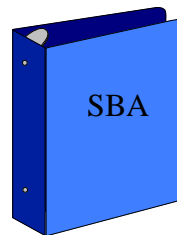
Law on Protection against Accidents

- 2 kap. 2 §
Owner or proprietors of buildings or other facilities shall to a reasonable extent maintain equipment for extinguishing fire and lifesaving in case of fire or other accidents and otherwise to take the necessary measures to prevent fire and to prevent or limit damage due to fire



What is there to do?

- Clarified by agency guidelines SRVFS 2004:3
- Specified for hotel- and guesthouses by agency guidelines SRVFS 2008:3



What is Agency Guidelines?

Authority Guidelines \neq Good Advice

- Agency Guidelines have a different legal status from Provisions.
- They are not mandatory, their function is to clarify the meaning of a statute (law, regulation, or government regulations), and to provide general recommendations for implementing them.

Agency Guidelines SRVFS 2008:3

The overall objectives of fire protection according to EU recommendations to fire safety in existing hotels is to

- reduce the risk of fire breaking out
- prevent the spread of fire and combustion gases
- ensure that all guests and staff can be evacuated safely
- make it easier for emergency services to intervene

Agency guidelines 2004:3 on Systematic Fire Protection Work

The need for a systematic fire protection work

- Owners and proprietors should continuously take the measures necessary to eliminate or reduce the risk of fire.
- An assessment of whether the fire protection is satisfactory should include the building and businesses total fire protection measures weighed against existing fire hazards

Content of 2004:3

Some should document their fire protection work

- To ensure that reasonable measures are taken, the fire protection work should be documented.
- Within the business, there should be a fire safety manager with special responsibility for fire protection and documentation.

The need for documentation

Is due to one or more of the following factors

- 1. Building** - big, tall, deep or complex buildings and buildings whose fire safety was planned by analytical design- not normally residential building in simplified design.
- 2. Businesses** - large risk of the outbreak or spread of fires, large number of persons, sleeping people, poor local knowledge.
- 3. Organization** - the active participation of the staff during a fire or when fire protection is largely dependent on effective cooperation between staff
- 4. Other** - If surrounding businesses have risks that carries greater demands for the fire protection in the own building

Content of 2004:3

What the documentation may include

- The documentation should describe the building and its fire protection solutions
- the different businesses in the building
- organization that exists for fire protection
- as well as the changes that occur.

Fire Protected Hotel®



Brandskyddat hotell™



Fire Protection Certification for the hotel industry

Brandskyddat hotell™

- Owned jointly by VISITA and Swedish Fire Protection Association
- Visita - the Swedish hospitality industry
 - "Visita is both an industry- and employers' organization and our mission is mainly pertaining to economic policy issues in addition to industry and employer issues. We therefore offer a range of services and features to our members"



Fire Protection Certification for the hotel industry

Brandskyddat hotell™

- Norm based on laws, regulations and guidelines
- The certification is based on:
 - Education and training
 - Documentation
 - Inspections



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Fire Protection Certification for the hotel industry

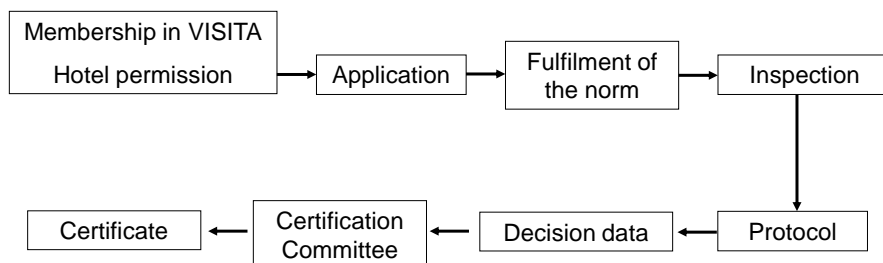
Preconditions for application

- Membership in VISITA
- A valid hotel permission
- Meets the requirements of the norm for Fire Protected Hotel



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Fire Protection Certification for the hotel industry





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Fire Protection Certification for the hotel industry

Approved certification means

- Certificate valid for 3 years
- Laws, regulations and guidelines met
- Communicating safety and security against the market



CERTIFICATE

**FIRE PROTECTED
HOTEL**

according to the fire protection classification rules of the
Swedish Fire Protection Association

Scandic Visby

This certificate is valid to and incl. 2014-06-30

Anders Bergqvist, CEO
Brandskyddsföreningen



Scandic Victoria Tower



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21. 2015-06-04

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Fire Protected Hotel

In addition, the following are required

- Management commitment
- Fire Protection Organization
- Documentation of fire hazards and established procedures
- Training of staff
- Self-inspection and monitoring of fire protection
- Fire alarm and evacuation alarm
- Evacuation
- Fire compartments

 VISITA
SVERIGES BESÖKARÄMBETE

 Brandskyddsforeningen



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Management commitment

- Established fire protection policy
- The fire protection will be discussed by the management at least once every quarter



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Fire Protection Organization

- Documented fire protection organization
- Appointed fire protection person in charge and a deputy
- Appointed staff to check the fire prevention installations
- At least one fire alarm system attendant
- Warden for flammable gases and liquids when present
- Job descriptions for those responsible in the fire prevention organization
- Staffing (front desk) that can manage the fire and evacuation alarm



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Education and training

- Education plan for staff
- Training procedures for new employees, temporary staff and contract staff
- Fire safety training for everyone at least once every year
- Evacuation drill at least once a year



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Fire alarm and evacuation alarm

- When the fire alarm activates by smoke detectors in hotel rooms shall the following occur:
 - The evacuation alarm should be activated automatically in the hotel room.
 - The fire alarm should be automatically indicated in the hotel reception and, where appropriate, forwarded to the relevant personnel.



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Fire alarm and evacuation alarm

- In case of alarm from a smoke detector in an escape route the following shall occur:
 - The evacuation alarm is automatically activated in the parts of the hotel that are affected by the evacuation route.
 - The fire alarm should be automatically indicated in the hotel reception and, where appropriate, forwarded to the relevant personnel.



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Fire alarm and evacuation alarm

- When the fire alarm is activated by an alarm button, the following shall occur:
 - The evacuation alarm is automatically activated in the parts of the hotel that are affected by the evacuation route.
 - The fire alarm should be automatically indicated in the hotel reception and, where appropriate, forwarded to the relevant personnel.



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Additional requirements for highly fire protected hotel

- The hotel must have around the clock staffing
- Each hotel guest shall receive information on fire and evacuation when checking in.
- The hotel shall be equipped with an automatic water sprinkler system
- Any activity associated and that is adjacent to the hotel, shall be assessed in accordance with the requirements of the norm, e.g. restaurant, nightclub, garage, spa, indoor pool etc.



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Controlled by

- Written documentation
- Appointed responsible person
- Inspections conducted by approved expert
- Verbal information during inspection
- Practical tests conducted on site



Fire Protected Hotel

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- A Certification Board is the governing body
 - Swedish Fire Protection Association
 - VISITA
 - Insurance Industry