

INDUSTRIAL FIRE SAFETY COURSES

To apply for the Industrial Fire Safety Courses, please complete the application form at <https://go.gov.sg/saa-industrial-courses>.

For enquiries, please email saa@caas.gov.sg.

The following courses are available upon request:

Fire Safety Awareness
Industrial Fire Fighting
Industrial Fire Fighting (Hazmat)
Breathing Apparatus & Fire Fighting
Fire Patrollers
2-day Refresher Occupational First Aid (OFA)



Fire Safety Awareness

You will understand fire chemistry, fire class groups, how to identify and approach the fire in a safe manner while using the correct type of fire extinguisher.

Learning Outcomes

At the end of the course, you will be able to:

- Understand why fire is grouped into classes
- Identify the type of fire encountered
- Recognize different types of fire extinguishers
- Select the correct type of fire extinguisher
- Operate the fire extinguisher in a safe and correct manner
- Know the dangers of heat, smoke and toxic gases

Who Should Attend

This course is recommended if you require basic awareness of fire safety in your premises and how to mitigate an incipient fire safely.

Duration	Half Day
Mode of Delivery	Classroom
Fees	\$216 (inclusive of 8% GST)

Singapore Aviation Academy, 1 Aviation Drive, Singapore 499867

TEL (65) 6543 0433 | FAX (65) 6542 9890 | EMAIL saa@caas.gov.sg | WEBSITE <https://caas.gov.sg/saa>



Industrial Fire Fighting

You will gain the competencies to perform the task of an Emergency Responder when responding to and mitigating an Industrial / Refinery / Building emergency.

Learning Outcomes

At the end of the course, you will be able to:

- Execute the correct technique of handling and moving with a pressurized fire hose line
- Operate a fire extinguisher and mitigate hydrocarbon spilled fire
- With full PPE, don a Self-Contained Breathing Apparatus (SCBA), enter a smoke-filled confined space, carryout search & rescue operation
- Adopt the correct strategy & technique to approach, contain & extinguish a pump / flange / horizontal drum / vertical drum fire
- Perform a flashover or interior firefighting & rescue operation inside a simulator building
- Address a storage tank fire

Who Should Attend

This course is recommended to the CERT and Emergency Response Team members of an Industrial, Refinery and Pharmaceutical Companies.

Duration	1 Day
Mode of Delivery	Classroom / Practical

Singapore Aviation Academy, 1 Aviation Drive, Singapore 499867

TEL (65) 6543 0433 | FAX (65) 6542 9890 | EMAIL saa@caas.gov.sg | WEBSITE <https://caas.gov.sg/saa>

Fees	\$378.00 (inclusive of 8% GST)
------	--------------------------------

Industrial Fire Fighting (Hazmat)

You will gain the skills and knowledge required to safely combat incidents involving dangerous goods and hazardous material.

Learning Outcomes

At the end of the course, you will be able to:

- Understand the Classes of Hazardous Materials
- Correctly identify the problem and execute site management & control
- Do a hazard & risk evaluation at the incident site
- Select the appropriate Protective Clothing & Equipment to mitigate the situation
- Set up the decontamination corridor timely & perform decontamination
- Contain the hazardous run-off water & recover

Who Should Attend

This course is recommended to the CERT and Emergency Response Team members of an Industrial, Refinery and Pharmaceutical Companies.

Duration	1 Day
----------	-------

Singapore Aviation Academy, 1 Aviation Drive, Singapore 499867

TEL (65) 6543 0433 | FAX (65) 6542 9890 | EMAIL saa@caas.gov.sg | WEBSITE <https://caas.gov.sg/saa>

Mode of Delivery	Classroom / Practical
Fees	\$378.00 (inclusive of 8% GST)

Breathing Apparatus & Fire Fighting

You will gain the competencies to perform the task of an Emergency Responder when mitigating an Industrial / Refinery / Building emergency. At the same time, you will also gain the skills and knowledge required to safely combat incidents involving dangerous goods and hazardous material.

Learning Outcomes

At the end of the course, you will be able to:

Industrial Fire Fighting

- Execute the correct technique of handling and moving with a pressurized fire hose line
- Operate a fire extinguisher and mitigate hydrocarbon spilled fire
- With full PPE, don a Self-Contained Breathing Apparatus (SCBA), enter a smoke-filled confined space, carryout search & rescue operation
- Adopt the correct strategy & technique to approach, contain & extinguish a pump / flange / horizontal drum / vertical drum fire
- Perform a flashover or interior firefighting & rescue operation inside a simulator building
- Address a storage tank fire

Hazmat

Singapore Aviation Academy, 1 Aviation Drive, Singapore 499867

TEL (65) 6543 0433 | FAX (65) 6542 9890 | EMAIL saa@caas.gov.sg | WEBSITE <https://caas.gov.sg/saa>

- Understand the Classes of Hazardous Materials
- Correctly identify the problem and execute site management & control
- Do a hazard & risk evaluation at the incident site
- Select the appropriate Protective Clothing & Equipment to mitigate the situation
- Set up the decontamination corridor timely & perform decontamination
- Contain the hazardous run-off water & recover

Who Should Attend

This course is recommended to the CERT and Emergency Response Team members of an Industrial, Refinery and Pharmaceutical Company.

Duration	2 Days
Mode of Delivery	Classroom / Practical
Fees	\$648 (inclusive of 8% GST)

Fire Patrollers

You will gain the competencies to manage a work site where hot works are carried out by following the appropriate safety procedures. At the same time, you will also learn how to use a fire extinguisher & hose reel to mitigate incipient fire.

Learning Outcomes

At the end of the course, you will be able to:

- Know Fire Chemistry & Classes of Fire
- State the common causes of fire & fire spread
- Understand the effects & dangers of heat, smoke & toxic gases
- Recognize the hazards pertaining to hot work – welding, cutting, etc
- Adopt the correct precautions prior to start of hot works
- Perform the duties of a fire patroller responsibly
- Operate a fire extinguisher in a correct & safe manner
- Retrieve & use a fire hose reel correctly

Singapore Aviation Academy, 1 Aviation Drive, Singapore 499867

TEL (65) 6543 0433 | FAX (65) 6542 9890 | EMAIL saa@caas.gov.sg | WEBSITE <https://caas.gov.sg/saa>

Who Should Attend

This course is recommended employees or contractors performing safety standby duties while hot works are carried out.

Duration	1 Day
Mode of Delivery	Classroom / Practical
Fees	\$367.20 (inclusive of 8% GST)

2-Day Refresher Occupational First Aid (OFA)

This course enables participants to identify, plan and manage emergencies such as accidents, medical emergencies as well as injuries.

Learning Outcomes

Upon completion of this course, you will gain understanding of:

- Critical applications such as Medical Emergency Management, Treatment of various work site injuries, CPR skills and AED applications

Who Should Attend

This course is recommended for 'Airport Emergency Services' operational personnel.

Duration	2 Days
Mode of Delivery	Virtual and Physical Classroom
Fees	\$6,500 for a minimum of 10 participants per run (additional participant at \$650 each)