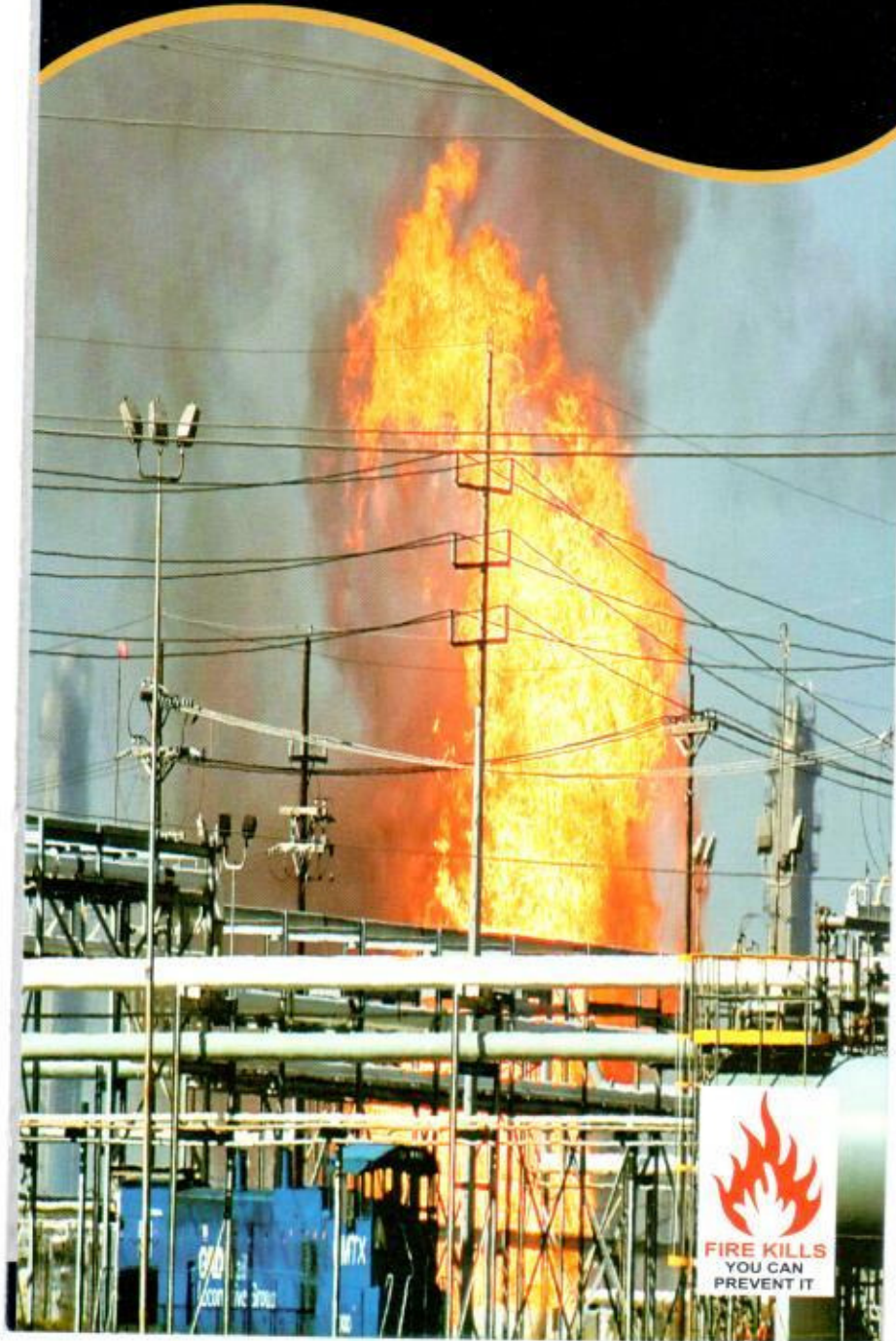




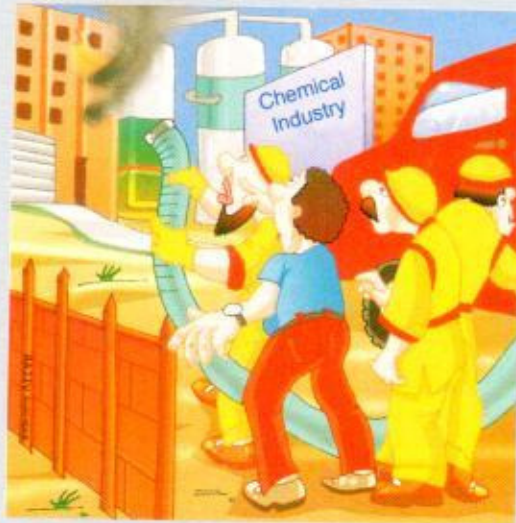
# FIRE

## Precautions in Industries



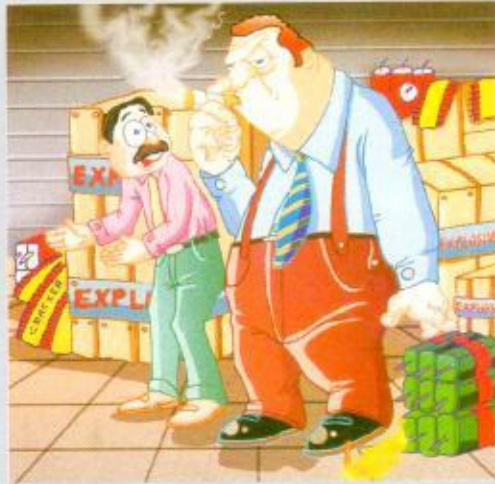
**F**ire accidents are increasing in the industries. Such fires not only result in huge loss of lives and property but also disrupt production in the Industry.

The leaflet gives you advice on how to prevent fire in Industries.



## COMMON CAUSES OF INDUSTRIAL FIRES

- ❖ Leaks and spillage of flammable/Combustible material.
- ❖ Electrical short circuiting/overloading.
- ❖ Over heated bare surfaces/heaters/electric lamps.
- ❖ Welding/cutting/soldering and other hot work.
- ❖ Equipment failure.

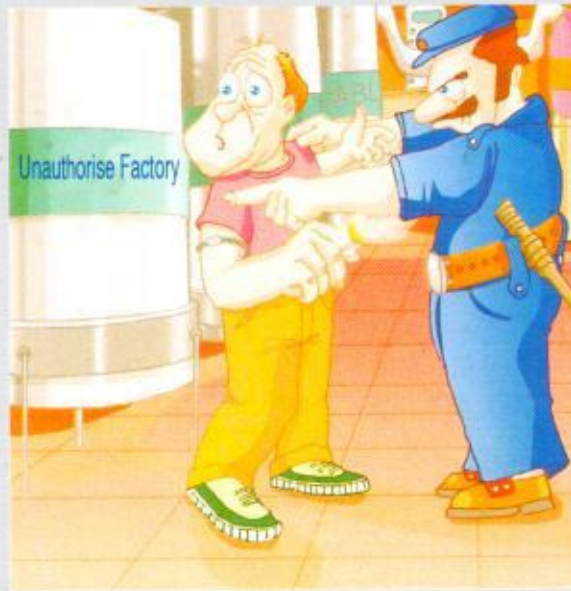


- ❖ Smoking in prohibited areas.
- ❖ Chemical reaction/runway reaction.
- ❖ Frictional heat/spark.
- ❖ Spontaneous combustion.
- ❖ Staticsparks/combustion sparks.
- ❖ Naked live wires.
- ❖ Molten substances.



## BASIC PREVENTIVE MEASURES

- ❖ Ensure high house keeping standard
- ❖ Cover trash containers tightly and empty them regularly
- ❖ Segregate flammable material from source of ignition



- ❖ Promptly eliminate oil/gas leaks and clean spillage of Flammable material
- ❖ Strictly adhere to work permit instructions for welding, Cutting and other hot work in areas where flammables are present.
- ❖ Store incompatible chemicals separately
- ❖ Where flammables are stored and used, ensure adequate Ventilation, prohibits smoking, and use flame proof electric Equipments.

- ❖ Keep fuses and control boxes clean and closed
- ❖ Avoid multi socket connections
- ❖ Electrical repair should be carried out by qualified personnel
- ❖ Don't use damaged electric cords and avoid temporary connections
- ❖ Lubricate, maintain and align all machines/ equipments to prevent generation of heat.



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ALWAYS MAINTAIN FIRE PROTECTION  
EQUIPMENTS IN HIGH STANDARD AND  
CHECK AT REGULAR INTERVAL.

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In Case of Fire dial



**101**

or  
contact the nearest  
Fire Station

**FOLLOW FIRE PRECAUTIONS,  
PREVENT FIRE**



Govt. of India  
Ministry of Home Affairs  
Directorate General, Civil Defence (Fire Cell)  
East Block-VII, Level-VII,  
R.K. Puram, Sector-I  
New Delhi-110 066

*Issued in Public Interest*



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