

The background of the entire slide is a dynamic, high-contrast image of fire. The flames are rendered in shades of bright orange and yellow, with darker, smoky tones at the edges, set against a solid black background. The fire appears to be moving and billowing, creating a sense of intensity and heat.

GHD Fire and Life Safety

WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

Our team uses a blend of engineering, science and technology to discover practical, innovative and efficient solutions that address fire and life safety matters within the built environment.

Through regular work with building owners and developers, fire and building authorities, risk managers, insurers and design professionals, we've gained a thorough understanding of fire and life safety. Our team of fire engineers, designers and life safety consultants focus on challenges and work with you to integrate effective, modern solutions into your assets.

GHD can interpret and apply codes, standards, fire engineering and life safety methodologies with a holistic view for both new and existing buildings. And right from the get-go, we consider the sustainability, economic and regulatory considerations that apply to you.

Services

- Building, fire and life safety codes consulting
- National Fire Protection Association (NFPA), insurer & fire test standards consulting
- Fire and building authorities permitting and regulatory approvals assistance
- Fire engineering design briefs and reports
- Performance-based design and alternative solutions
- Analysis of fire resistance, compartmentation, active fire systems, egress and fire service interventions
- Fire and egress computer modeling
- Fire and life safety master plans
- Due diligence and loss prevention assessments
- Dangerous goods and hazardous materials analysis
- Smoke management consulting
- Explosion prevention, mitigation and venting
- Fire sprinklers, standpipes, fire pumps, hydrants, water supply, water spray, foam and other fire extinguishing systems design and consulting
- Special hazards clean agents, carbon dioxide, dry/wet chemicals and explosion controls
- Fire detection, alarms, communication and mass notification systems design and consulting

For further information, contact:

www.ghd.com/fire-life-safety



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