



Operational Excellence Services

Health · Safety · Environment
(HSE)

Fireproofing Assessment



Contact Us

 [Technology Inquiries | Contact Us | JGC HOLDINGS CORPORATION](#)

Access to Our Homepage

 <https://www.jgc.com/en/business/epc/operation-maintenance/service/>

Fireproofing Assessment

Do you have any of these issues?

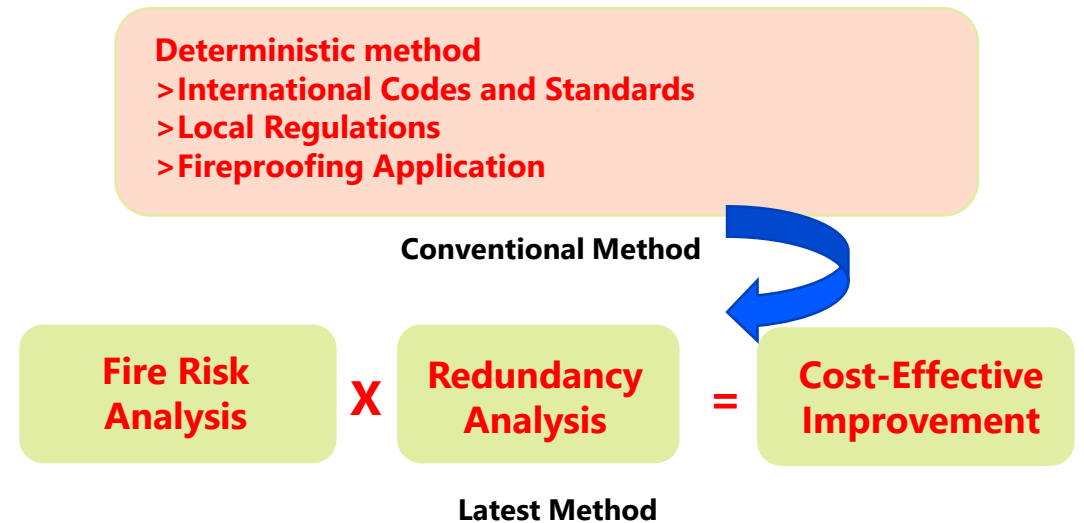
- ☹️ **Is Our Plant Really Safe from Fire Hazards?**
- ☹️ **High Maintenance Cost for Fireproofing**
- ☹️ **Compliance with Latest Standards?**

Fireproofing Assessment Solution

- Evaluation of existing fireproofing based on identified fire hazards and latest standards.
- Identification of critical fireproofing improvement points.
- Optimization of fireproofing by fire risk assessment and structural redundancy analysis.
- Recommendations of cost-effective improvement solutions.

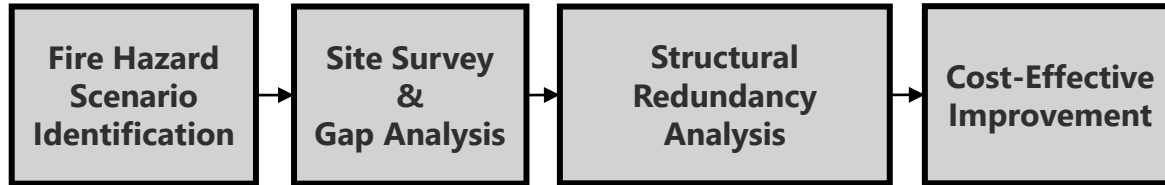


Evaluation of Existing Fireproofing



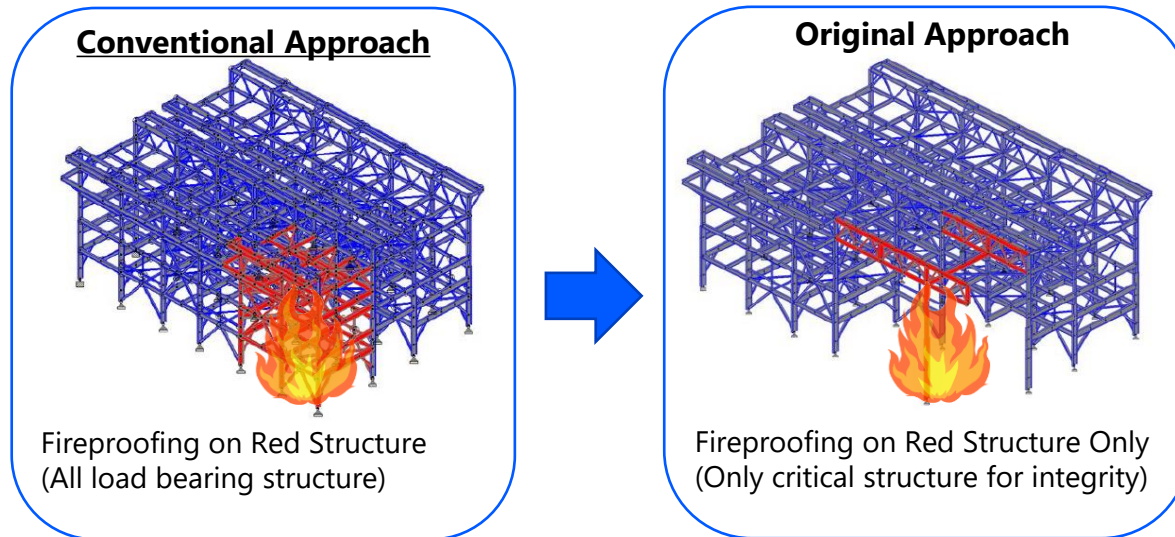


Workflow & Result



Structural Redundancy Analysis

- **JGC original method** to optimize fireproofing based on API RP 2FB



Significant Reduction of Fireproofing / Justify the Available Fireproofing

Our Strengths

- **Professional Fire Protection, Structure, Material and Analysis Teams**
- **Top global experience in fireproofing design** and application from EPC execution
Plant type - Refinery, Gas Processing, LNG, Chemical
Plant location – Onshore, Offshore
Client – IOCs, NOCs
Codes and Standards – NFPA, API, BS, etc.
- **Strong relationships with global fireproofing material suppliers**
- **Analysis software** – Phast, FLACS, STAAD.Pro, Abagus, etc.

Our Experiences

3+

Plants

Fireproofing assessment service for 3+ plants.

500+

Cases

Fireproofing design 500+ cases