



Operational Excellence Services

Health · Safety · Environment
(HSE)

Fireproofing Assessment



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Access to Our Homepage

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

Fireproofing Assessment

Do you have any of these issues?

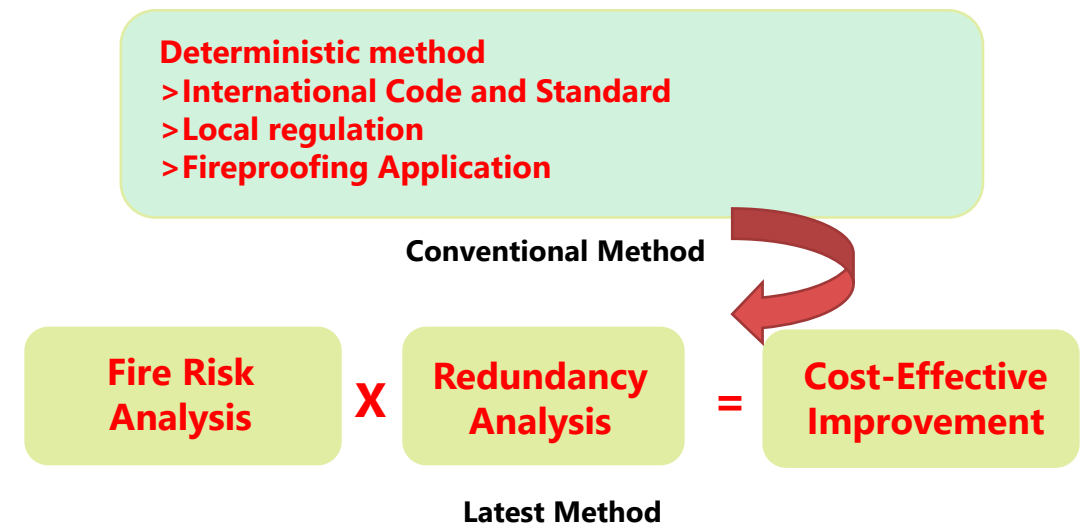
- ☹️ **Is Our Plant Really Safe from Fire Hazard?**
- ☹️ **High Maintenance Cost for Fireproofing**
- ☹️ **Compliance with Latest Standard?**

Fireproofing Assessment Solution

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

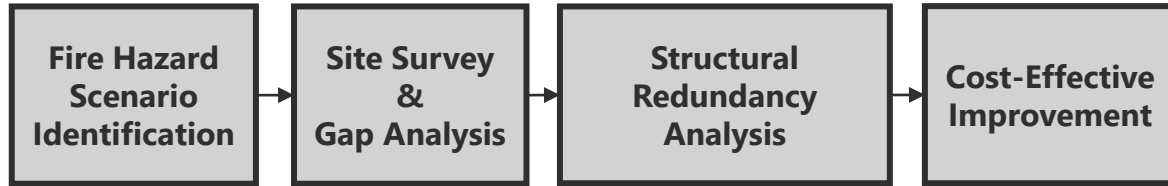


Evaluation of existing Fire Proofing



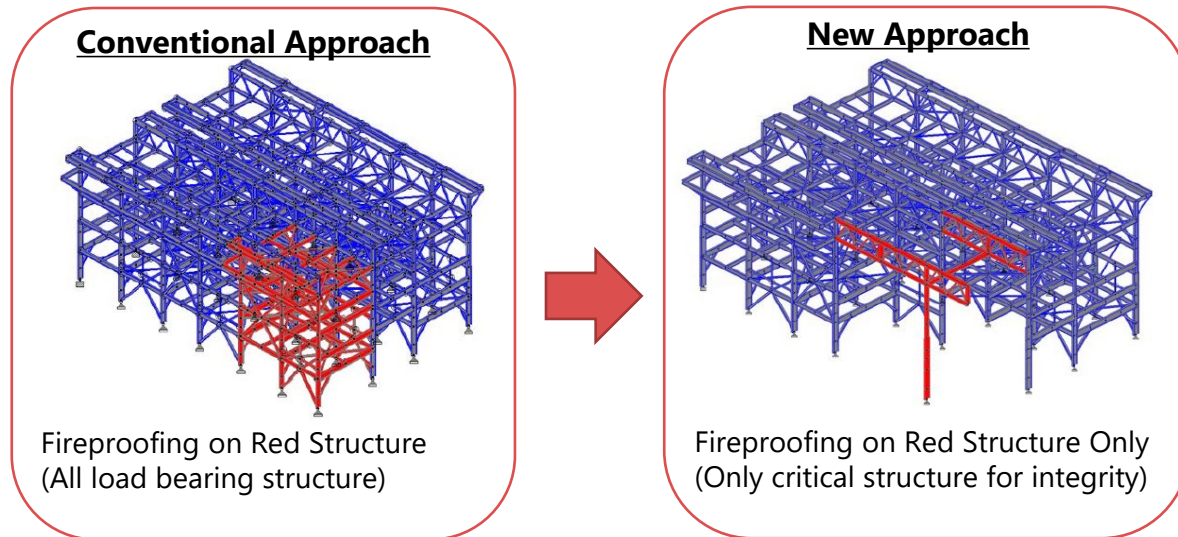
Fireproofing Assessment

Workflow & Result



Structural Redundancy Analysis

➤ JGC original method to optimize fireproofing



Significant Reduction of Fireproofing

Our Strengths

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

Our Experiences

3+
Plants
Fireproofing assessment service for 3+ plants.

500+
Cases
500+ Fireproofing Design