

## Egress Systems

1. All egress systems i.e. stair rails, ladder cages and ramps, should be painted red (or yellow) to designate their function.
2. Enforce them as a NO STORAGE AREA!
3. Practice Emergency Drills on each egress pathway to identify problems.
  - Each shift of operators should participate in these drills.
  - Maintenance people working in the area should be shown these egress pathways during the Job Safety Analysis (JSA)
  - Turnaround and long-term project workers (i.e. scaffolders) should drill.

Photos courtesy of StatOilHydro, Norway and Hyundai Oil Refinery, South Korea.



## Blast and Fire Protection

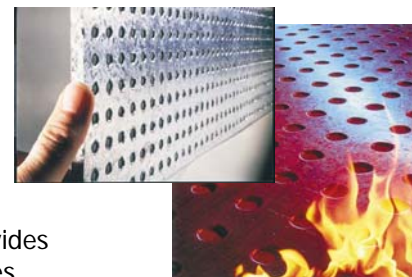
In the event of an incident, personnel need time to escape while being shielded from blasts and fire.

DuraSystems, supported worldwide by Promat, provides passive blast and fire protection.

The DuraSteel wall maintains the fundamental requirements of structural stability and fire separations while offering a safe means of evacuation of the coker or catcracker structure or other unit.

A DuraSteel wall beside or below this exposed staircase gives occupants, time to escape and firefighters more time to save the structures.

DuraSteel is a composite of fiber-cement with metal facing sheets. It is non-combustible and lightweight and provides resistance to fire penetration for up to 6 hrs and blast resistance up to 2 atmospheres. DuraSteel provides more those precious minutes



Learn how DuraSystems can protect you and your structure, [www.coking.com/Vendor/DuraSystems](http://www.coking.com/Vendor/DuraSystems)

DuraSystems will be presenting their amazing product and exhibiting at the [Coking.com Conferences](#).

[Calgary](#), Canada—September 8-11, 2008

[Cologne](#), Germany September 29-October 2, 2008

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