



IndianOil-Adani Gas Pvt. Ltd.



Safety Practices in CGD



IndianOil-Adani Gas Pvt. Ltd.

IOAGPL



- 50:50 Joint venture formed in 2013
- Total 19 GA's authorized by PNGRB

1000+
Steel Kms

2000+
MDPE Kms

140+
CNG Station



CGD Industry has done well in HSE ...

- CGD Industry has conducted itself in a responsible manner with least possible accidents

Structural

- Responsible Players
- Design & Engineering based on Codes, Standards and Regulations
- Standard Specifications
- Good Vendors
- HSE Policy

Compliances

- PESO
- State Pollution Control Board
- Factory's Act
- Labour Laws
- Documentation
- Internal & External Audits

Behavioural

- SOPs
- PPE
- Safety Signages
- Safety Week
- Safety Trainings
- Mock Drills
- Work Permits
- Near Miss Reporting
- Technology adoption

But accidents do happen ...

Typical Incidents

Construction

- Damage by CGD to third party property during construction – HDD, Moling, Plumbing, etc
- Material failure
- Accidents while lifting & shifting material
- Vehicle Accidents
- Pits open for long causing fall accidents
- Earth collapse
- Sand spillage on road causing vehicle slipping
- Electrocutation
- Snake / Animal bites

Operations

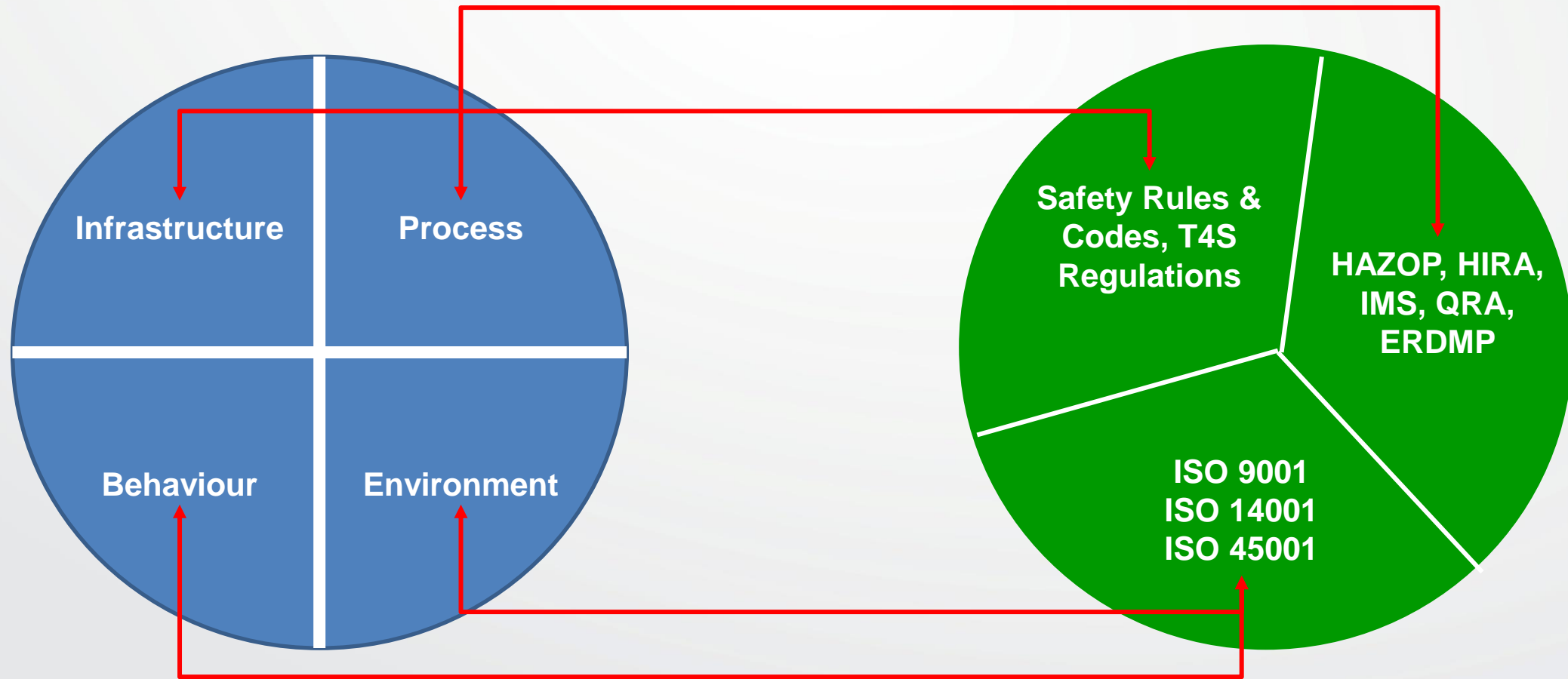
- Damage to network by Third Party
- Venting
- Gas leakages – pipelines, cascades, CNG Stns
- Low Odourisation
- Encroachment by animals in Installations
- Lube Oil spillage
- Open wires & Short circuits, Electrocutation
- Vehicle accidents
- Snake / animal bites
- Rusting & deterioration of material
- Covid spread due to workers

Customer end

- Gas Leak
- Rusting causing deterioration and leakages
- Unsafe installations (other than gas)
- Un-authorized installations and use
- Looks blocking the access
- Open wires & Short circuits
- Un-scrupulous cylinders used in vehicles causing blasts while filling CNG
- Covid spread due to workers

If safety is 'common sense' then we need no trainers, training programs, safety officers, inductions or safety legislation

Safety in CGD





What makes us compromise HSE ?

- Confidence that we are safe
- Rush to save time, cost, etc
- Meeting deadlines, targets
- Outsourcing - In-adequate control over Outsource manpower / services
- L-1 culture : cost is supreme
- Cost of HSE – good things cost more
- Tokenism : Focus on visibility than behaviour / content
- Tendency to depend upon - off the shelf Safety Systems



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Every leader is anxious about HSE -

- because they want to protect asset & people
- because they care about people
- because they want safe workplaces

But -

they don't know how to "administer" to "ensure 100% safety"

Safety Leadership



Supporting	Supporting Team members active monitoring of decisions and actions, and ensuring alignment with the corporate safety strategy, vision and values
Recognising	Recognizing & rewarding team members based on their demonstration of effective safety behaviour.
Actively caring	Caring for the health, safety and general wellbeing of team members.
Collaborating	Collaborating with team members by asking for their active participation in safety decision-making and empowering everyone on the team to take personal responsibility for safety.
Sharing a vision	Sharing Vision for safety and facilitating the development of team goals, targets, and plans to achieve it.
Inspiring	Inspiring the team to achieve the safety vision and safety excellence through motivational and encouraging communications.
Role modelling	Role Modelling safety compliant behaviors that set the benchmark of what is expected from the team
Challenging	Challenging team members to think about safety issues and scenarios in ways that they might not have considered before



Safety begins with “Me”



We should ask daily -

- Have I acted “Safely” today – Walking, Driving, Eating, Gym, etc
- Have I done activities as per the prescribed / prudent Safety practices
- Have I reported any Unsafe act ?





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Lets be smart ...

“Safety” is lowest cost Insurance Policy available today

&

“Tomorrow” is the reward for working safely “today”



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Lets be Safe to meet again...