



Presentation
On
Pipe Lines and CNG Station
Safety at CUGL



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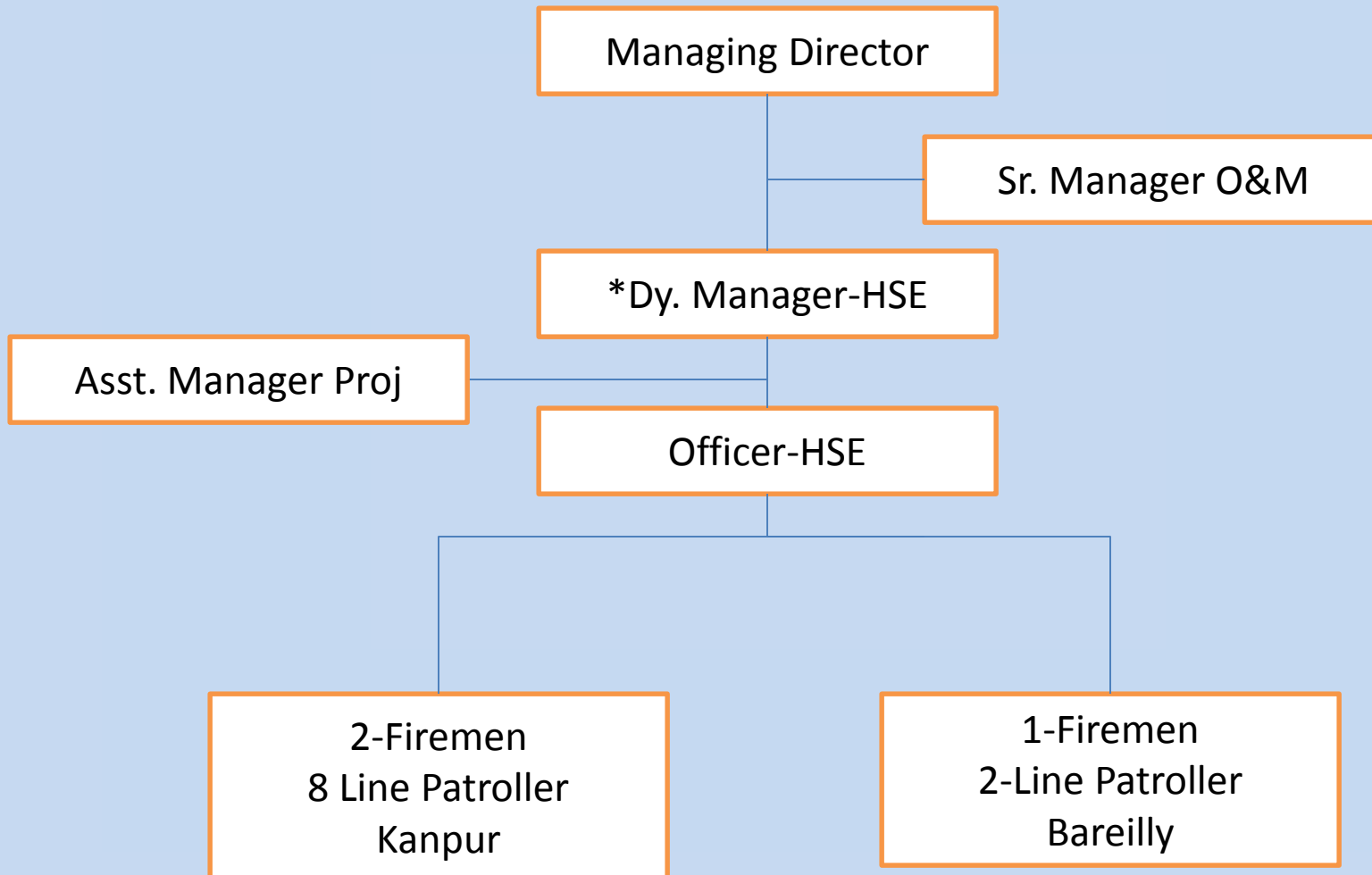
Central UP Gas Ltd.



Infrastructure	NO.
Cities	Kanpur, Bareilly, Unnao, Jhansi(New)
CNG Stations	14 (3-MS, 10-OLS, 1-DBS)
CS Pipe	87 Kms
MDPE Pipe	310 Kms
Industrial Connections	37
Commercial Connections	92
Domestic connections	4200
Gas Sales	0.2 MMSCMD
Turnover FY 13-14	197.00 Cr.
EBITDA FY 13-14	46.24 Cr.
PAT FY 13-14	25.07 Cr.



Organogram



*Recently Joined



Safety Infrastructure

- Odoriser at all three CGS
- TR Unit for Cathodic Protection for all CS Pipe Line
- Pole Markers/Directional Markers/RCC Markers for pipe line
- Warning Mat for identification of pipe lines
- ABC,DCP,CO2 Fire extinguisher at CNG Station as per OISD 179
- CO2 Flooding system at all compressors
- Flame Proof light at CNG Stations
- LEL & Gas detectors
- CS Pipe line tracker
- Emergency Vehicles



Safety Practices

- Monthly Cathodic Protection monitoring
- Daily Pipe Line patrolling
- Daily inspection of all commercial & Industrial installations
- Weekly Inspection by Firemen for Pipe line and CNG Stations
- Regular painting of Pole Markers/Directional Markers
- Timely Hydro testing of mobile and stationary cascade
- Work place inspection
- Monthly safety reporting and meeting
- Timely maintenance of Fire extinguishers
- Quarterly safety Audit by Third party
- Electrical Safety Audit
- CNG Station inspection by Fire deptt. For fire fighting facilities
- Mock Drill



Safety Training

- STC training twice in a year for all CNG filler and operators
- STC training for PNG Control room persons and Line patroller.
- Monthly safety trainings at all CNG stations
- Tool Box talk
- Safety training with Nagar Nigam, Development Authorities, Fire department, Police, Jal Nigam, PWD, NHAI, Telecommunication companies.
- Audio Campaign at domestic societies.
- Safety training before Commissioning.



District Safety Coordination

- To avoid third party damages, DM/ADM is taking meeting on every Wednesday and sharing information related to excavation.
- A common information forum is created to share and pre intimate the excavation plan and take NOC from all stake holders.
- Stake holders are Nagar Nigam, Development authorities, Electricity companies, PWD, NHAI, BSNL, CUGL, Jal Nigam and Pvt. Telecommunication companies.
- Provision of huge penal action in case of any fault.

Challenges



- OFC laying companies. 550 Kms 4G OFC laid by Reliance. IDEA, AIRTEL, BSNL is yet to laid the OFC in Kanpur and Bareilly.
- Electricity Company and Jal Nigam are laying their cable and pipe line for severe.
- Widening of HN-2 to four lane in Kanpur is effecting 12 Kms of existing CS pipe line catering 20000 SCMD to industries.
- Non availability of Hydro testing facility at Bareilly. All vehicles have completed 3 year dead line. Matter has raised to CCOE but they don't found any solution. They are asking CUGL to establish own hydro testing facility.

Forward step ensuring Safety



- Training to third parties for creation of awareness.
- Collection of Supervision charges for pipe line crossing and provide supervision for safe crossing.
- Measurement of CS Pipe line thickness randomly.
- GPS facility for all LCV.
- Annual meet/gathering for all Govt excavation bodies.
- Mutual Aid with IOC BKPL terminal and KFCL Kanpur.
- Common Mock Drill with IOC BKPL Terminal.
- Mutual Agreement with Gun Factory is in process.

Commenced Training Program Recently



- Safety And Technical Competency Training



Celebrated National Safety Week





Thanks