LPG Tanker Accidents

By

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LPG Road transportation-safety concerns

- Over 14500 LPG tankers operate in the country.
- More than 20000 trucks operate for exclusive transportation of LPG cylinders.
- About 9 million tons of LPG gets transported annually by road.
### LPG tanker accident statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>No.of acc.</th>
<th>Deaths</th>
<th>Inj.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005/6</td>
<td>9</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>2006/7</td>
<td>2</td>
<td>4</td>
<td>2</td>
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<tr>
<td>2007/8</td>
<td>2</td>
<td>31</td>
<td>17</td>
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<tr>
<td>2008/9</td>
<td>6</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>2009/10</td>
<td>3</td>
<td>14</td>
<td>15</td>
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</tbody>
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Common reasons

- Overturning/collision - Driving behavior
- Unsafe practices
- Poor design features
- Equipment flaws
- Poor supervision
Accident of LPG tanker at Hapur resulting 7 casualties
A portion of vessel ripped apart.

BLEVE
A View Tanker accident at Ambala due to shearing off EFCV
Accident of LPG tanker at Ambala (Haryana)
Inferno at Ambala
Recent Incident at Loni IOCL Bottling Plant

- At one of the Bottling Plant / Loading location a valve fitting (for LPG) manifold sheared off leading to profuse leak of product at Tank Lorry Gantry. The leakage continued for about 3 hours. Although this accident was handled in-house otherwise could have caused severe damage and devastation.
Serious Accident near Faridabad that took toll of six lives
Accident View Bottling Plant

Filling shed unaffected

Tata seira and truck Gutted by the inferno Near generator room
Ruptured Portion Dimensions

- 730mm
- 156mm
- 900mm
- 12mm
Rupture of Dished end portion

LPG Spread Zone

Generator Room & office room

position of deceased persons

Fire Affected Zone

30 meters

70 meters approx

Dented Vessel SE-283
Jaipur ALPS Accident

A View of Aftermath of Accident
VIEW OF POST ACCIDENT ALDS PREMISES
Aftermath of Bleve

( A Portion of Vessel)
My sincere thanks to you all.