Societal Risk for Kai Tak Development Project (DGVFP)

FN Curves for DGVFP (combined - LPG, fuel oil, chlorine & explosives)

* Risk within this region should be reduced to as low as reasonably practicable
Societal Risk for Kai Tak Development Project (DGVFP)

* Risk within this region should be reduced to as low as reasonably practicable

**FN Curves for DGVFP (LPG)**

Agreement No. CE 35/2006(CE)

Kai Tak Development Engineering Study cum Design and Construction of Advance Works – Investigation, Design and Construction

---

2012 scenario (LPG)

2016 scenario (LPG)

2021 scenario (LPG)

---

Number of fatalities (N) vs. Frequency (F) of Accidents with N or More Fatalities (Per Year)

- UNACCEPTABLE
- ALARP*
- ACCEPTABLE
Societal Risk for Kai Tak Development Project (DGVFP)

Number of fatalities (N)

Frequency (F) of Accidents with N or More Fatalities (Per Year)

- 2012 scenario (Oil Fuel)
- 2016 scenario (Oil Fuel)
- 2021 scenario (Oil Fuel)

UNACCEPTABLE

ALARP*

ACCEPTABLE

* Risk within this region should be reduced to as low as reasonably practicable

FN Curves for DGVFP (fuel oil)
Societal Risk for Kai Tak Development Project (DGVFP)

2012 scenario (Chlorine)

2016 scenario (Chlorine)

2021 scenario (Chlorine)

UNACCEPTABLE

ALARP*

ACCEPTABLE

* Risk within this region should be reduced to as low as reasonably practicable
Societal Risk for Kai Tak Development Project (DGVFP)

2012 scenario (explosive)
2016 scenario (explosive)
2021 scenario (explosive)

* Risk within this region should be reduced to as low as reasonably practicable

*acceptable

<table>
<thead>
<tr>
<th>N</th>
<th>1E-09</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>1E-08</td>
</tr>
<tr>
<td>1</td>
<td>1E-07</td>
</tr>
<tr>
<td>10</td>
<td>1E-06</td>
</tr>
<tr>
<td>100</td>
<td>1E-05</td>
</tr>
<tr>
<td>1000</td>
<td>1E-04</td>
</tr>
<tr>
<td>10000</td>
<td>1E-03</td>
</tr>
</tbody>
</table>

Number of fatalities (N)

Date: May 2008

Agreement No. CE 35/2006(CE)

Kai Tak Development Engineering Study cum Design and Construction of Advance Works – Investigation, Design and Construction

FN Curves for DGVFP (explosive)