# LOPA Worksheet

<table>
<thead>
<tr>
<th>Facility:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process:</td>
<td></td>
</tr>
</tbody>
</table>

## Equipment ID: Equipment Reference:

## Analyst(s):

<table>
<thead>
<tr>
<th>Scenario Number:</th>
<th>Scenario Description:</th>
<th>Hazard(s):</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Probability</th>
<th>Frequency (per year)</th>
</tr>
</thead>
</table>

### Consequence

### Initiating Event

### Enabling Event or Condition

#### Conditional Modifiers (if applicable)
- Probability of ignition
- Probability of personnel in affected area
- Probability of fatal injury
- Others

### Frequency of Unmitigated Consequence

### Independent Protection Layers

### Safeguards (non-IPLs)

### Total PFD for all IPLs

### Frequency of Mitigated Consequence

### Risk Tolerance Criteria:

### Actions Required:

### Referencees:

### Quality Review:

### Notes: