

LNG Facility Safety & Inspection Checklist

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Pre-Operation Checks

Verification of systems and equipment before facility startup.

Planned Startup Date

Enter date...

Scheduled Startup Time

Enter time...



Ambient Temperature (Celsius)

Enter a number...

Wind Speed (m/s)

Enter a number...

Weather Conditions

- Clear
- Cloudy
- Rain
- Fog
- Snow

Pre-Startup Checklist Review Notes

Write something...

Operator Signature - Pre-Startup Verification

Tank & Vessel Inspections

Detailed examination of storage tanks and vessels for structural integrity and leak detection.

Tank Wall Thickness (mm)

Tank Pressure (kPa)

Corrosion Observations

Crack or Weld Defect Notes

Level Gauge Status

- Functional
- Malfunctioning
- Needs Calibration

Tank Inspection Photos

 Upload File

Last Internal Inspection Date

Enter date...

Vessel Material Type

- Carbon Steel
- Stainless Steel
- Other

Pipeline Integrity

Assessment of pipeline condition, including corrosion monitoring, leak detection, and pressure testing.

Pipeline Operating Pressure (PSI)

Enter a number...

Pipeline Wall Thickness (inches)

Enter a number...

Pipeline Material Type

- Carbon Steel
- Stainless Steel
- Other

Last Internal Inspection Date

Enter date...

Time of Inspection Start

Enter time...

Corrosion Rate (mm/year)

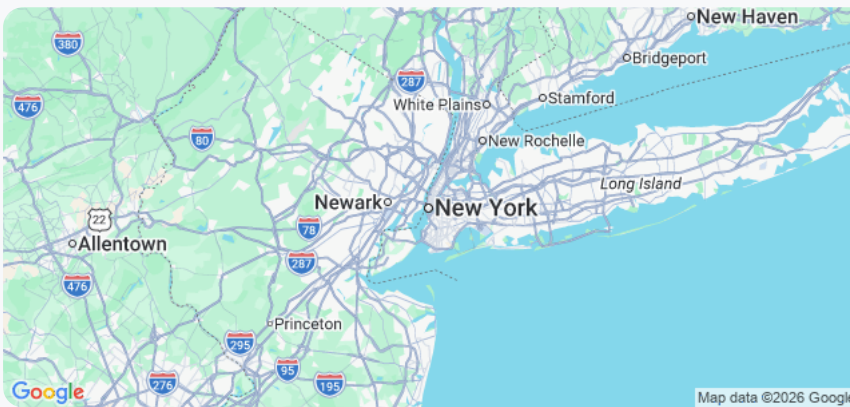
Enter a number...

Pigging Frequency (Months)

- Every 1-3 Months
- Every 3-6 Months
- Every 6-12 Months
- Longer than 12 Months

GPS Coordinates of Inspection Location

[📍 Set My Current Location](#)



Fire Protection Systems

Inspection of fire suppression systems, fire detection equipment, and emergency response procedures.

Fire Water Tank Level (Gallons)

Enter a number...

Fire Pump Condition

- Operational
- Needs Maintenance
- Out of Service

Last Fire Extinguisher Inspection Date

Enter date...

Sprinkler System Valve Status

- Open
- Closed
- Partially Open

Fire Hose Pressure (PSI)

Enter a number...

Fire Alarm Panel Status

- Normal
- Fault
- Testing

Comments/Observations Regarding Fire Protection Systems

Write something...

Gas Detection & Monitoring

Verification of gas detectors, monitoring systems, and alarm functionality.

Methane Concentration (ppm)

Hydrogen Sulfide Concentration (ppm)

Ambient Temperature (°C)

Detector Calibration Status

- Calibrated
- Needs Calibration
- Out of Service

Last Calibration Date

Time of Reading

Enter time...

Detector Location(s) Checked

- Tank Farm
- Loading Dock
- Control Room
- Pipeline Access Points

Detector Malfunction/Alarm Notes

Write something...

Electrical Safety

Inspection of electrical equipment, grounding systems, and hazard mitigation measures.

Voltage Reading (Phase A)

Enter a number...

Voltage Reading (Phase B)

Enter a number...

Voltage Reading (Phase C)

Enter a number...

Grounding System Condition

- Excellent
- Good
- Fair
- Poor

Potential Hazards Observed

- Exposed Wiring
- Damaged Insulation
- Loose Connections
- Lack of Grounding
- Overheating Equipment
- None Observed

Notes on Electrical Equipment Condition

Write something...

Last Electrical Inspection Date

Enter date...

Inspector Signature

Security Systems

Assessment of security perimeters, access controls, and surveillance equipment.

Perimeter Fence Height (meters)

Enter a number...

CCTV System Status

- Operational
- Degraded
- Non-Operational

Access Control Points Checked

- Main Gate
- Service Entrance
- Loading Dock
- Administration Building

Last Intrusion Detection System Test Date

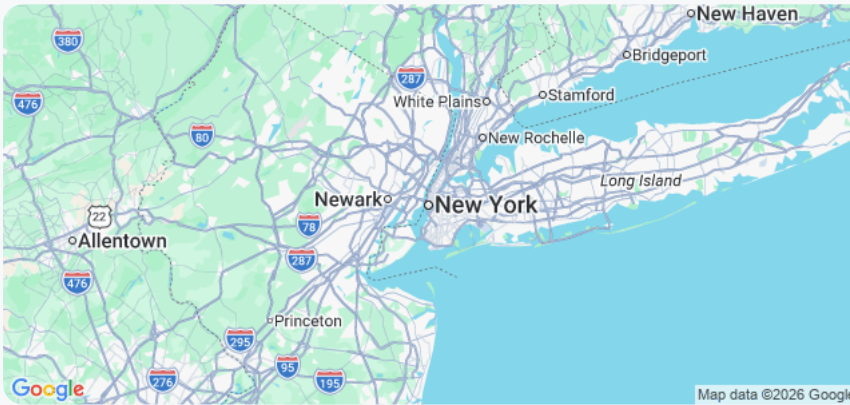
Enter date...

Time of Security Patrol Start

Enter time...

Location of Security Control Room

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Personnel Training & Competency

Verification of employee certifications, training records, and emergency response drills.

Last Hazmat Training Date

- Within Last 6 Months
- Within Last 12 Months
- More than 12 Months
- Not Required

Last Emergency Response Drill Date

Enter date...

Number of Hours of LNG Handling Training

Enter a number...

Relevant Certifications

- OSHA 10
- OSHA 30
- First Aid/CPR
- Confined Space Entry
- HAZWOPER

Trainee Signature

Training Deficiencies Noted (if any)

Write something...

Environmental Compliance

Review of emissions monitoring, spill prevention plans, and waste management practices.

Last Emissions Monitoring Date

Enter date...

Methane Emission Levels (ppm)

Enter a number...

Spill Prevention Plan Status

- Up-to-date
- Needs Review
- Outdated

Summary of Recent Environmental Audits

Write something...

Environmental Monitoring Reports

 Upload File

Waste Management Plan Compliance

- Compliant
- Minor Deviation
- Significant Deviation

Post-Operation Checks

Verification of system shutdown procedures and final equipment checks.

Shutdown Completion Time

Enter time...

Final Tank Pressure (psia)

Enter a number...

All Systems Verified Offline?

- Yes
- No

Date of Last Shutdown

Enter date...

Abnormalities/Observations During Shutdown

Write something...

Operator Signature (Confirmation of Shutdown)