✓ ChecklistGuro

Mining Explosives Handling Checklist

Storage Magazine Inspection

Verification of explosives storage conditions and security.

Inspection Date

Enter date...

Temperature (°C)

Enter a number...

Humidity (%)

Enter a number...

Magazine Security Status

☐ Secure

☐ Compromised

☐ Uncertain

Security Breaches Observed

- ☐ Broken Lock
- ☐ Tampered Seal
- ☐ Unauthorized Access
- ☐ None

Notes/Observations

Write something...

Photo Documentation (Optional)

⬆ Upload File

Inspector Signature

Transportation Security

Assessment of procedures for safe explosives transport.

Vehicle Registration Number

Enter a number...

Explosive Type Being Transported

- ☐ ANFO
- ☐ Dynamite
- ☐ Emulsion
- ☐ Detonating Cord
- ☐ Other (Specify in Long Text)

Other Explosive Type (if selected)

Write something...
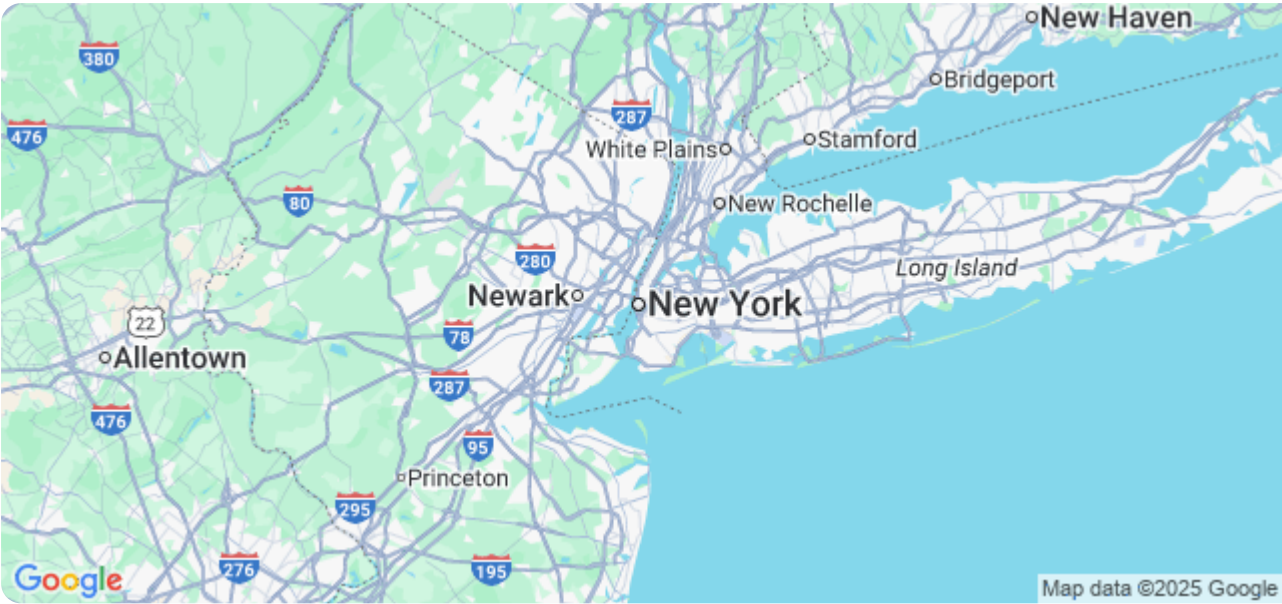
Gross Weight of Explosives (kg)

Enter a number...
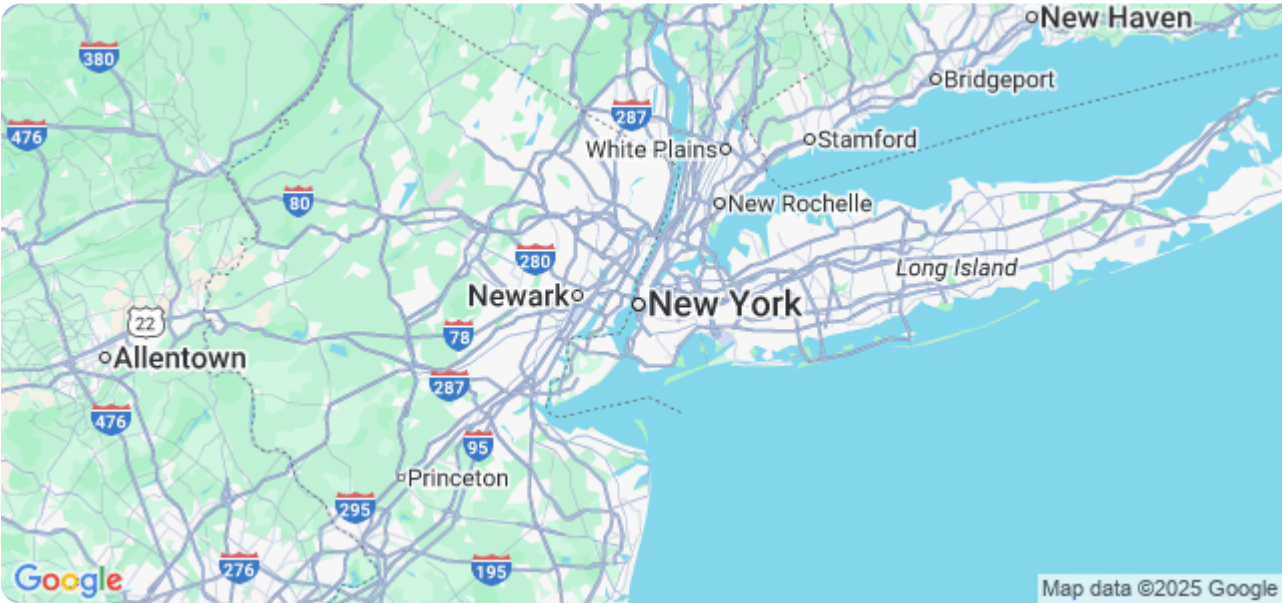
Date of Transport

Enter date...

Time of Departure

Origin Point of Transport

📍 Set My Current Location

Destination Point of Transport

📍 Set My Current Location

Driver Signature

Drill Hole Preparation

Inspection of drill holes for proper characteristics.

Hole Diameter (inches)

Enter a number...

Hole Depth (feet)

Enter a number...

Hole Angle (degrees)

- [ ] 0
- [ ] 5
- [ ] 10
- [ ] 15
- [ ] Other

Geotechnical Logging Notes

Write something...

Hole Deviation Control Method

- [ ] Survey Rod
- [ ] Gyro
- [ ] Other

Drilling Start Date

Enter date...

Deviation Survey Data

⬆ Upload File

Explosive Loading

Verification of correct explosive type, quantity, and placement.

Hole Diameter (inches)

Enter a number...

Depth of Explosive (feet)

Enter a number...

Explosive Type

☐ ANFO
☐ Emulsion
☐ Dynamite
☐ Other

Weight of Explosive per Hole (lbs)

Enter a number...

Stemming Material

- [ ] Gravel
- [ ] Foam
- [ ] Sand
- [ ] None

Stem Length (feet)

Enter a number...

Notes/Observations Regarding Loading

Write something...

Initiation System Check

Assessment of detonators, boosters, and firing systems.

Detonator Serial Number

Enter a number...

Primer Quantity

Enter a number...

Boosters Type (1- Copper, 2-Aluminum)

Enter a number...

Wiring Condition (Good/Fair/Poor)

☐ Good

☐ Fair

☐ Poor

Firing System Activation Time

Firing System Type (Electronic/Mechanical)

☐ Electronic

☐ Mechanical

Any observed anomalies during inspection

Write something...

Clearance and Warning Procedures

Confirmation of proper perimeter control and warnings.

Clearance Radius (meters)
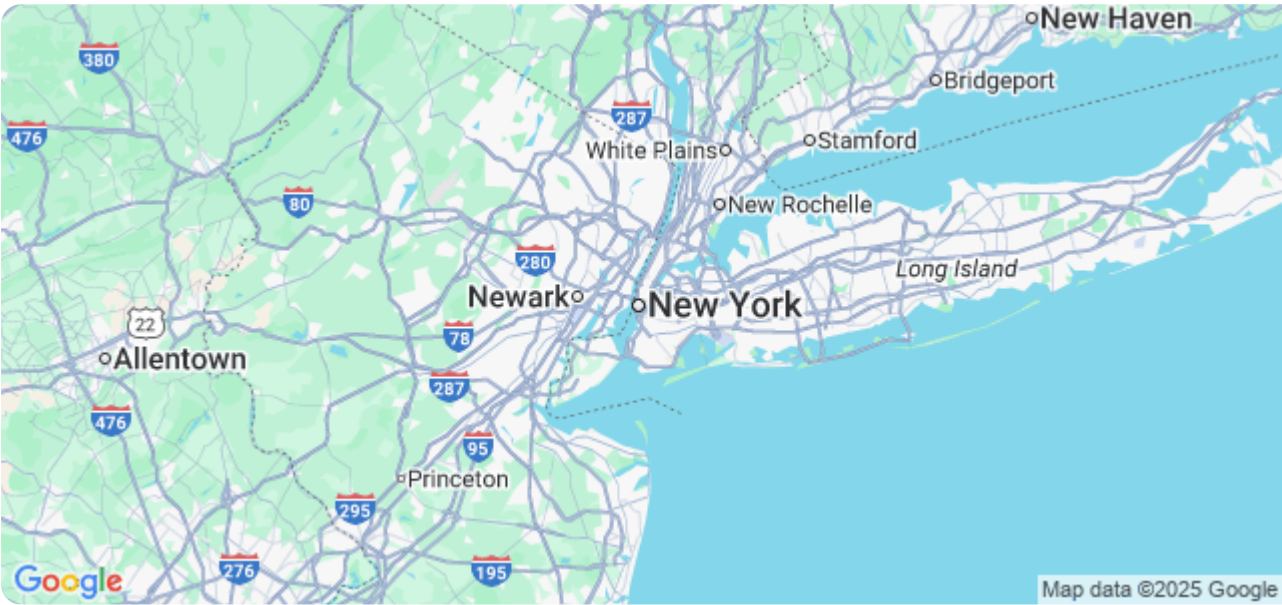
Enter a number...

Warning Signal Start Time

Warning Signal Type

☐ Audible Siren

☐ Visual Strobe

☐ Combined

Perimeter Control Point Location

📍 Set My Current Location

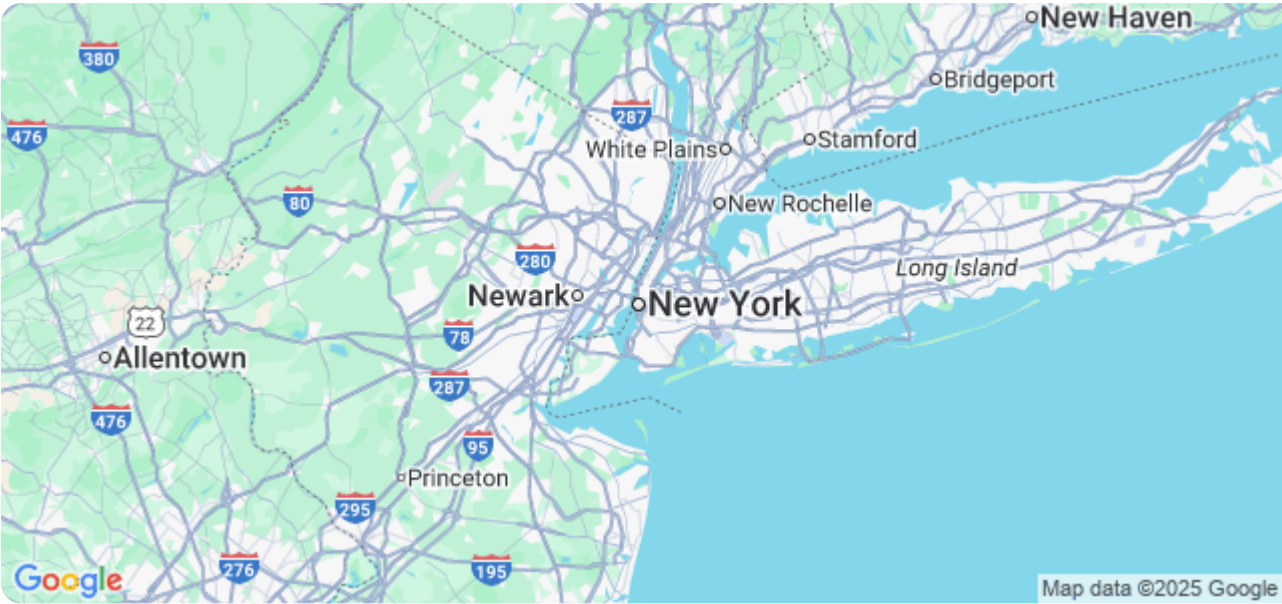## Date of Clearance Confirmation

Enter date...

Clearance Supervisor Signature

Post-Blast Inspection

Verification of blast results and safety of the area.

Blast Site Location (GPS Coordinates)

⊙ Set My Current Location

Peak Ground Vibration (mm/s)

Enter a number...

Peak Particle Velocity (mm/s)

Enter a number...

Evidence of Misfires?

☐ Yes
☐ No
☐ Uncertain

Description of Blast Results (e.g., fragmentation, backbreak)

Write something...

Air Overpressure Exceeded Limits?

☐ Yes

☐ No

☐ N/A

Date and Time of Inspection

Enter date...

Inspector Signature

Record Keeping & Documentation

Confirmation of accurate records for explosives handling.

Date of Record

Enter date...

Time of Record

Explosive Quantity (kg)

Enter a number...

Type of Explosive Used

Write something...

Notes/Observations (e.g., weather conditions, specific issues)

Write something...

Supporting Documents (e.g., loading tickets, permits)

⬆ Upload File

Blast Number/Identifier

Authorized Person Signature

Personnel Training & Certification

Verification of qualified personnel and up-to-date training records.

Training Program Type

- ☐ Basic Explosives Handling
- ☐ Advanced Blasting Techniques
- ☐ Refresher Training
- ☐ Supervisor Certification

Training Completion Date

Enter date...

Training Hours Completed

Enter a number...

Certification Level

- ☐ Level 1
- ☐ Level 2
- ☐ Level 3

Proof of Training Certificate

⬆ Upload File

Certification Expiration Date

Enter date...

Trainer Name

Write something...

Regulatory Compliance

Confirmation of adherence to relevant explosives regulations.

Applicable Regulations

☐ Mines and Minerals (Development and Regulation) Act, 1957

☐ Explosives Act, 1884

☐ State Specific Explosives Rules

☐ Other (Specify in Long Text)

Specify Other Regulations (if applicable)

Write something...

Date of Last Regulatory Audit

Enter date...

Audit Score/Rating

Enter a number...

Summary of Audit Findings/Recommendations

Write something...

Upload Copy of Latest Regulatory Audit Report

⬆ Upload File

Status of Outstanding Recommendations

☐ Resolved

☐ In Progress

☐ Not Started