ChecklistGuro

Mining Safety & Compliance Checklist

Show only Checklist

Display Style
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Pre-Shift Equipment Inspection

Checklist for ensuring all equipment is safe and functional before the work shift begins.

Equipment ID

Enter a number...

Equipment Type

- [ ] Haul Truck
- [ ] Excavator
- [ ] Loader
- [ ] Drill Rig
- [ ] Other

Engine Hour Reading

Enter a number...

Fluid Levels (Oil, Water, Fuel)

- [ ] OK
- [ ] Low
- [ ] Need Top-up

Tire Condition

- [ ] Good
- [ ] Fair
- [ ] Poor - Requires Attention

Brakes (Functionality)

- [ ] Functional
- [ ] Needs Adjustment
- [ ] Malfunctioning

Lights (All Operational)

- [ ] Yes
- [ ] No - Needs Repair

Any Abnormal Noises or Issues?

Write something...

Inspector Signature

Ground Control & Stability

Verification of ground conditions, support systems, and stability monitoring procedures.

Convergence Measurement (mm)

Enter a number...

Roof Sag (mm)

Enter a number...

Rock Bolting Condition

- [ ] Good
- [ ] Fair
- [ ] Poor
- [ ] Needs Inspection

Support System Condition

- [ ] Intact
- [ ] Minor Damage
- [ ] Significant Damage
- [ ] Requires Repair

Visual Signs of Instability

- [ ] Cracking
- [ ] Shearing
- [ ] Faulting
- [ ] Water Seepage
- [ ] None Observed

Comments & Observations

Write something...

Last Support Inspection Date

Enter date...

Ventilation & Air Quality

Assessment of ventilation systems, monitoring of air quality, and gas detection.

Airflow Measurement (m^3/s)

Enter a number...

Methane Concentration (ppm)

Enter a number...

Carbon Dioxide Concentration (ppm)

Enter a number...

Oxygen Concentration (%)

Enter a number...

Ventilation System Status

- [ ] Operational
- [ ] Reduced Flow
- [ ] Malfunctioning
- [ ] Shutdown

Gas Detectors Checked?

- [ ] Methane
- [ ] Carbon Monoxide
- [ ] Oxygen
- [ ] Other (Specify in LONG_TEXT)

Notes/Observations regarding Ventilation & Air Quality

Write something...

Personal Protective Equipment (PPE)

Confirmation of proper PPE usage and maintenance by all personnel.

Required PPE Items

- [ ] Hard Hat
- [ ] Safety Glasses
- [ ] Hearing Protection
- [ ] Safety Boots
- [ ] High-Visibility Vest
- [ ] Gloves
- [ ] Respirator (if required)

Condition of Hard Hat

- [ ] Good
- [ ] Fair
- [ ] Damaged - Replace

Noise Level (dB)

Enter a number...

Condition of Safety Boots

- [ ] Good
- [ ] Fair
- [ ] Damaged - Replace

Any PPE Issues/Damage Noted

Write something...

Inspector Signature

Hazard Identification & Risk Assessment

Review of potential hazards and implemented control measures.

Describe the Identified Hazard

Write something...

Potential Consequences of the Hazard

Write something...

Likelihood Rating (1-5, 1=Very Unlikely, 5=Almost Certain)

Enter a number...

Severity Rating (1-5, 1=Minor, 5=Catastrophic)

Enter a number...

Risk Level (Calculated: Likelihood x Severity)

- [ ] Low
- [ ] Medium
- [ ] High
- [ ] Extreme

Existing Control Measures

Write something...

Additional Control Measures Required

Write something...

Date Control Measure Implemented

Enter date...

Responsible Person/Team

- [ ] Engineering
- [ ] Operations
- [ ] Maintenance
- [ ] Safety

Confined Space Entry

Procedures and permits for safe entry and work within confined spaces.

Confined Space Name/Location

Write something...

Entry Date

Enter date...

Entry Time

Enter time...

Reason for Entry

Write something...

Atmospheric Testing Results (O2, LEL, H2S, CO)

- [ ] Acceptable
- [ ] Unacceptable - Requires Remediation
- [ ] N/A

O2 Percentage (%)

Enter a number...

LEL Percentage (%)

Enter a number...

Hazardous Gases Detected?

- [ ] H2S
- [ ] CO
- [ ] Methane
- [ ] None

Entry Supervisor Signature

Authorized Entrant Signature

Electrical Safety

Inspection of electrical equipment and adherence to safety protocols.

Voltage Measurement (kV)

Enter a number...

Insulation Resistance (Megohms)

Enter a number...

Condition of Electrical Cords

- [ ] Good
- [ ] Fair
- [ ] Damaged
- [ ] Needs Repair

Potential Hazards Observed (Check all that apply)

- [ ] Exposed Wiring
- [ ] Damaged Insulation
- [ ] Overheating
- [ ] Improper Grounding
- [ ] Noisy Equipment
- [ ] None

Detailed Description of Observations/Deficiencies

Write something...

Last Inspection Date

Enter date...

Inspector Signature

Blast Procedures (If Applicable)

Verification of blast preparation, execution, and post-blast checks.

Blast Date

Enter date...

Hole Depth (m)

Enter a number...

Amount of Explosive (kg)

Enter a number...

Blast Pattern Type

- [ ] Fan
- [ ] Staggered
- [ ] Parallel

Delay Sequence

- [ ] Electronic
- [ ] Non-Electric

Blast Design Notes (e.g., fragmentation goals, geological considerations)

Write something...

Blast Plan Diagram

Upload File

Weather Conditions

- [ ] Clear
- [ ] Rain
- [ ] Snow
- [ ] Fog

Emergency Response Readiness

Checklist for emergency communication, evacuation plans, and first aid supplies.

Emergency Communication System Status

- [ ] Operational
- [ ] Degraded
- [ ] Non-Operational

Last Evacuation Drill Date

Enter date...

Time of Last Drill

Enter time...

Number of Evacuated Personnel

Enter a number...

Observations from Evacuation Drill

Write something...

First Aid Kit Inspection Status

- [ ] Complete & Current
- [ ] Requires Replenishment
- [ ] Missing Items

Attach Evacuation Route Map

Upload File

Fire Suppression System Status

- [ ] Operational
- [ ] Requires Maintenance
- [ ] Non-Operational

Environmental Compliance

Verification of water management, waste disposal, and noise control measures.

Water Discharge pH Level (units)

Enter a number...

Sediment Concentration in Discharge (mg/L)

Enter a number...

Noise Level at Mine Boundary (dB)

Enter a number...

Waste Management Plan Adherence

- [ ] Fully Compliant
- [ ] Minor Deviation
- [ ] Significant Deviation
- [ ] Not Applicable

Last Water Quality Monitoring Date

Enter date...

Water Quality Monitoring Report

Upload File

Environmental Permits Verified?

- [ ] Water Discharge Permit
- [ ] Air Emissions Permit
- [ ] Waste Management Permit
- [ ] Noise Permit

Any Environmental Incidents/Observations?

Write something...

Training & Competency

Confirmation of personnel training records and competency assessments.

Training Topic

- [ ] Confined Space Entry
- [ ] Ground Control
- [ ] First Aid/CPR
- [ ] Hazard Identification
- [ ] Equipment Operation (Specific)
- [ ] Environmental Awareness

Training Duration (Hours)

Enter a number...

Training Completion Date

Enter date...

Assessment Score

Enter a number...

Assessment Result

- [ ] Pass
- [ ] Fail
- [ ] Needs Retraining

Training Certificate/Record

Upload File

Notes/Comments on Training

Write something...

Reporting & Documentation

Verification of incident reporting procedures and record keeping.

Date of Inspection

Enter date...

Time of Inspection

Enter time...

Incident/Observation Count

Enter a number...

Detailed Description of Findings/Observations

Write something...

Supporting Photos/Documents (Optional)

Upload File

Corrective Actions Required?

- [ ] Yes
- [ ] No

Description of Corrective Actions Planned

Write something...

Date Corrective Actions Due

Enter date...

Inspector Signature