

MINING INFRASTRUCTURE INSPECTION CHECKLIST

GENERAL INFORMATION

Name: _____

Date: _____

Location: _____

Structural Integrity

Yes No — Buildings and support structures show no visible damage or deterioration

Yes No — Foundations are stable with no signs of cracks or subsidence

Yes No — Walkways, stairs, and railings are intact and secure

Yes No — Load-bearing components are free from corrosion and deformation

Electrical and Power Systems

Yes No — Electrical panels and wiring are properly enclosed and labeled

Yes No — Backup power systems (generators, batteries) are functional

Yes No — Lighting systems provide adequate visibility in work areas

Yes No — No exposed or damaged electrical cables

Ventilation and Air Quality

Yes No — Ventilation systems are operational and inspected regularly

Yes No — Airflow meets safety standards for underground or enclosed areas

Yes No — Dust suppression systems are in place and functioning

Yes No — Gas detection and alarm systems are calibrated and tested

Water Supply and Drainage

- Yes No — **Water systems (for operations or drinking) are maintained and clean**
- Yes No — **Drainage systems are unobstructed and channel water away from infrastructure**
- Yes No — **Pumps and pipelines are free from leaks and damage**
- Yes No — **Wastewater treatment systems are functioning properly**

Safety Systems

- Yes No — **Fire suppression systems are present and inspected**
- Yes No — **Emergency exits and escape routes are clearly marked and unobstructed**
- Yes No — **Structural signage (load limits, warnings) is visible and accurate**
- Yes No — **Safety inspections and maintenance logs are current**

Equipment and Storage Facilities

- Yes No — **Storage tanks and silos are secure and regularly inspected**
- Yes No — **Equipment bays and workshops are clean and organized**
- Yes No — **Tools and machinery are stored safely and labeled**
- Yes No — **Hazardous materials are stored according to regulations**

FINAL NOTES

Inspector Comments:

Inspector Name: _____

Inspector Email: _____

Inspection Date: _____

I confirm this inspection was completed accurately

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