

MINING INFRASTRUCTURE INSPECTION

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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