

Strata Refuge Chamber Inspection

Exterior Inspection	Meets Requirements	Needs Attention	N/A	Comments
Site Conditions: Check roof control, ventilation, area free of obstruction.				
Physical Condition of Unit Note damage to the Chamber Skid that could impact performance.				
Tent Door Tamper Seal				
Maintenance Door Tamper Seal				
If Access Door is Unsealed	Meets Requirements	Needs Attention	N/A	Comments
Instructions Assure the laminated instructions are in place.				
Strobe Light				
Air Monitors				
System Inspection	Meets Requirements	Needs Attention	N/A	Comments
Temperature Read and record thermometer reading.				
Oxygen Gauge Determine required pressure based on temperature and actual.				
Scrubber Drive Gauge Determine required pressure based on temperature and actual.				
Purge Air Gauge Determine required pressure based on temperature and actual.				
Inflate Air Gauge Determine required pressure based on temperature and actual.				
Humidity Sensor Check color indicator.				



Refuge Chamber Set-up Requirements

Exterior Inspection	Meets Requirements	Needs Attention	N/A	Comments
Distance Requirements: Within 1,000 feet of the working face-within 1-hour travel distance depending on height.				
Location Not in direct line sight of the face.				
Location Not placed 500 feet radially from belt drives, take-ups, transfer points, air compressors, explosive magazines.				
Location Seals, entrances to abandoned areas, fuel, oil, or other flammable or combustible material storage.				
Site Conditions Check roof control, ventilation, area free of obstruction – allow door to open fully.				
Lifelines Ensure branchline from primary and secondary escapeway is connected to chamber exterior.				
Branchline and Chamber Indicators Ensure that branchline indicators and chamber indicators are in place.				
Reflective Sign A conspicuously marked sign with "Refuge" marked on the sign.				
Communication A two-way communication system that is part of the mine community system - primary/secondary phone lines.				
Emergency Door Tamper Seal				
Maintenance Door Tamper Seal				



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System Inspection	Meets Requirements	Needs Attention	N/A	Comments
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Inflate Air Gauge Determine required pressure based on temperature and actual.				
Humidity Sensor Check color indicator.				

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Making workers' comp work