

LOVELAND PRESHIFT 2025

WRITTEN STATEMENT

Thank you for showing up today! We've had a certified examiner call in and take a sick day. As a certified examiner you are tasked with conducting the weekly examination of the seal line inby the 6th South Longwall Headgate (LWP-5). This is the Bleederless Gob Isolation District for the longwall panel. Due to the propensity for spontaneous combustion in the gob, we are actively pumping nitrogen into the gob district to keep oxygen levels at or below 10%. As the seal line is at the down-dip end of the panel, we have installed P-Trap drains and valves in each seal to prevent the buildup of any water against the seals. These valves are to remain closed unless water is being drained. Note any drain valves left open in the weekly examination record. There are also sample lines installed in the lower seal line for air quality measurements. However, air quality in the gob district is now measured daily on the surface through a gas sampling borehole. The mine engineer is concerned about static pressure in the longwall gob from the blowing ventilation system. Please take a magnehelic reading at one of the sample lines and include your findings in the weekly exam report. All sample line valves shall remain closed when not in use. A magnehelic gauge will be provided when you check into the mine. #1 entry, outby the longwall face is neutral belt air. #2 and #3 entries are common intake entries. Intake air ventilates the #3 entry passed the seals to the shaft. Intake air ventilates the longwall face to the tailgate return. Examine each seal for damage, violations, air quality, and water buildup. An air quantity measurement is required near the ventilation shaft at the inby end of the panel.