- **9. Conduct Pre-shift Examination (for the next shift)**
  - Examine the section tail piece and examine/check
    - Check for proper air movement
      - See vent plan
    - Check spillage at wipers, tail rollers, feeder area
    - Check guarding at tail rollers, feeder locations, motors
      - Check for oil, grease, coal fines
    - Check adequate walkways at both sides of feeder
      - Ensure feeder cable hung and guarded
    - Check whether belt is wet or not
    - Check fire outlet and proper location
      - Should be within 30' of tail piece
    - Check fire hose (if applicable)
    - Check visual pager
      - Where applicable
    - Be aware of unusual odors or sounds
    - Check for methane
    - Check roof/ribs
      - Check for damaged bolts, wide bolts and roof scaling
      - Loose draw rock and/or ribs must be supported or taken down
    - Check water sprays (if applicable)
    - Check crusher bits (if applicable)
  - Examine haulway
    - Check roof/ribs
      - Pull draw rock if necessary
        - Support or take down
      - Check for wide places
        - Corners
          - Corners are the most likely places to have missing bolts
        - Must be recorded in the pre-shift book with corrective action taken
      - Roof and ribs for adequate rock dust
      - Check for damaged bolts, wide bolts and roof scaling
      - Loose draw rock and/or ribs must be supported or taken down
    - Check for spillage
    - Check air flow
      - Curtains
      - Fly pad
    - Check dust suppression
    - Check for obstructions
      - Slipping/tripping hazards
        - Slips and trips are the number 3 cause of lost time accidents
  - Conduct dust parameter examination
    - Must be completed in the first hour of the new shift
    - Scrubber pressure readings
      - Magnahelic readings can be equated into volume with the scrubber
    - Check water spray pressure
      - See vent plan
    - Check operating sprays
      - See vent plan
    - Check roof bolter vacuum
      - See vent plan
    - Record the exam
    - Sign the dust parameter board
  - Examine battery charging station
    - Check for proper venting to the return
    - Take gas test
      - Hydrogen gas is very explosive (explosive range is 4% to 74%)
    - Check for unusual odors
    - Check that ground clamp is properly attached
  - Examine faces and immediate returns
    - Check roof/ribs
      - Loose draw rock and/or ribs must be supported or taken down
    - Check for adequate rock dust
    - Check methane, oxygen deficiency (Face and Return)
    - Check air readings in the last open line
    - Check line curtains
    - Check next to the last bolt reflective material
    - Check test holes at each intersection
      - Depth, cracks, initials
    - Enter date, time, initials
    - Examine back-up curtains
    - Check for excessive spillage from last open crosscut inby
    - Check for obstructions
      - Slipping/tripping hazards
        - Slips and falls are the number 3 cause of lost time accidents
  - Monitor roof control requirements
    - Entry widths, intersection widths
  - Examine power center
    - Conduct gas test
    - Check fire-fighting equipment at power center
    - Ensure electrical mats in place
    - Ensure top of power center is clear of combustible materials
    - Check fire protection
      - 5 bags of rock dust
      - 20 lb ABC fire extinquisher
    - Check communications
    - Check housekeeping around power center
      - Properly rock dusted
      - Keep garbage picked up
    - Check for unusual odors, noise, etc.
    - Check required signs
      - "Danger: High Voltage"
      - Phone (if applicable)
      - First-aid supplies
      - Escapeway
  - Call results out to the oncoming shift