OHSPRO3.5.08.015

SPONTANEOUS COMBUSTION TARP

Event Type	Normal	Level 1 Trigger Levels	Level 2 Trigger Levels	Level 3 Trigger Levels
Active Goaf	• General Body Return CO Make <20L/min *Or* • General Body Return CO < 15ppm *Or* • General Body Return H2 < 10ppm *Or* • General Body Return CO/O2 def < 0.3 *Or* • T/G Goaf Gas Emissions <100ppm CO	• General Body Return CO Make >20 L/min *Or* • General Body Return CO > 15ppm *Or* • General Body Return H2 > 10ppm *Or* • General Body Return CO/O2 def > 0.3 *Or* • T/G Goaf Gas Emissions >100ppm CO *Or* • Unusual Smell, Heat, Sweating	• General Body Return CO Make >30 L/min *Or* • General Body Return CO > 25ppm *Or* • General Body Return H2 > 15ppm *Or* • General Body Return CO/O2 def > 0.4 *Or* • Accelerating gas trends *Or* • Confirmed Heating	• Potentially explosive atmosphere detected or trending towards explosive range *And* Confirmed Heating or Fire capable of igniting atmosphere
Sealed Goaf	• H2 < 10ppm *Or* • At <1 week after final sealing: CO < 300ppm *Or* CO/O2 def < 0.3 *Or* • At <2 weeks after final sealing: CO < 250ppm *Or* CO/O2 def < 0.2 *Or* • At <3 weeks after final sealing: CO < 150ppm *Or* CO/O2 def < 0.15 *Or* • At <1 month after final sealing: CO < 100ppm *Or* CO/O2 def < 0.1 *Or* • At <2 months after final sealing: CO < 80ppm *Or* CO/O2 def < 0.1 *Or* • At <3 months after final sealing: CO < 60ppm *Or* CO/O2 def < 0.1 *Or* • At >3 months after final sealing: CO < 25ppm *Or* CO/O2 def < 0.1 *Or* • Immediately adjacent airways CO/O2 def < 0.3	• H2 > 10ppm *Or* • At <1 week after final sealing: CO > 300ppm *Or* CO/O2 def > 0.3 *Or* • At <2 weeks after final sealing: CO > 250ppm *Or* CO/O2 def > 0.2 *Or* • At <3 weeks after final sealing: CO > 150ppm *Or* CO/O2 def > 0.15 *Or* • At <1 month after final sealing: CO > 100ppm *Or* CO/O2 def > 0.1 *Or* • At <2 months after final sealing: CO > 80ppm *Or* CO/O2 def > 0.1 *Or* • At <3 months after final sealing: CO > 60ppm *Or* CO/O2 def > 0.1 *Or* • At >3 months after final sealing: CO > 25ppm *Or* CO/O2 def > 0.1 *Or* • Immediately adjacent airways CO/O2 def > 0.3 • Unusual Smell, Sweating, Heat, or Haze adjacent to seals	• H2 > 15ppm *Or* • CO/O2 def > 0.4 *Or* • Confirmed presence of Ethylene caused by heating *Or* • Confirmed Heating	• Potentially explosive atmosphere detected or trending towards explosive range *And* Confirmed Heating or Fire capable of igniting atmosphere
Pillar	• Dev or Standing Panel General Body Return CO Make < 10L/min *Or* • Dev or Standing Panel General Body Return CO < 3ppm *Or* • LW Panel General Body Return CO Make <20 L/min *Or* • LW Panel General Body Return CO <15ppm *Or* • General Body Return CO/O2 def < 0.3 *Or* • General Body Return H2 < 10ppm *Or* • CO < 50ppm issuing from rib cracks, open joints, etc •	• Dev or Standing Panel General Body Return CO Make > 10 L/min *Or* • Dev or Standing Panel General Body Return CO > 3ppm *Or* • LW Panel General Body Return CO Make >20 L/min *Or* • LW Panel General Body Return CO > 15ppm *Or* • General Body Return CO/O2 def > 0.3 *Or* • General Body Return H2 > 10ppm *Or* • CO > 50ppm issuing from rib cracks, open joints, etc. *Or* • Unusual smell, sweating, heat or haze	• Dev or Standing Panel General Body Return CO Make >10 L/min *And* Unusual smell, sweating, heat or haze *And* Non Explosive Atmosphere *Or* • LW Panel General Body Return CO Make >20 L/min *And* Unusual smell, sweating, heat or haze *And* Non Explosive Atmosphere *Or* • General Body Return CO/O2 def > 0.4 *Or* • General Body Return H2 > 15ppm *Or* • CO > 300ppm issuing from rib cracks, open joints, etc. *Or* • Confirmed presence of Ethylene caused by heating *Or* • Smoke *Or* • Confirmed Heating	• Potentially explosive atmosphere detected or trending towards explosive range *And* Confirmed Heating or Fire capable of igniting atmosphere
Elevated Temperature	• Coal Surface Temperature < 33°C	• Coal Surface Temperature >33°C and <38°C *Or* • Evidence of Site Deterioration associated with ventilation control devices and seals.	• Coal surface temperature >38°C *Or* • Confirmed Heating	• Potentially explosive atmosphere detected or trending towards explosive range *And* Confirmed Heating or Fire capable of igniting atmosphere

Figure 23: Extract from SCMP of the Trigger Action Response Plan (TARP) settings for the BSM