

Table 7.1 Monitoring Program Summary (Continued)

Respirable Dust Monitoring			
Hazard	Action Level	Action(s) to be Taken	Monitoring Frequency
Nuisance dust	1.5 mg/m ³	Spray water for dust suppression to maintain below 1.5 mg/m ³	Continuous during dust generating activities.

Combustion Gases Monitoring			
Hazard	Action Level	Action(s) to be Taken	Monitoring Frequency
Nitrogen Dioxide	1.5 parts-per-million	Suspend operations and notify the Field Supervisor	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.
Sulfur Dioxide	1.0 part-per-million	Suspend operations and notify the Field Supervisor	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.
Carbon Monoxide	12.5 parts-per-million sustained in the breathing zone for 10 seconds	Suspend operations involving CO generation - notify the Field Supervisor and RMRS IH. Project Management in concurrence with IH will evaluate and approve methods to mitigate the hazard.	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.
Nitric Oxide	12.5 parts per million	Suspend operations and notify the Field Supervisor	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.

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7.1.1 Noise Monitoring

Noise levels will be monitored to delineate areas or activities where hearing protection and postings are required, the effectiveness of hearing protection, and whether or not personnel need to participate in a Hearing Conservation Program. The instrument used will be an Ametek, Model MK-3, audio dosimeter. The MK-3 is a microprocessor controlled personal monitor that measures noise exposure in the dBA range and displays a variety of results including real time dBA level, exposure time, exposure dose, average dBA level, maximum dBA level, and the 8-hour time weighted exposure dose. The MK-3 is calibrated on a daily basis before and after use. Daily calibrations will be per the manufacturer's specifications and results will be entered in the Industrial Hygiene Instrumentation Calibration Logbook. Annual calibration and service of the instrument and the calibrator is required.