

GDF SUEZ

MEMO

Issued by Rob Dugan Emergency Commander | GDF SUEZ Hazelwood

Health Monitoring CO Testing Process

Effective of N/S 21/02/14 until further notice.

The activity of fighting fires potentially exposes personnel to carbon monoxide (CO). Carbon monoxide is a particularly insidious gas that potentially threatens the health and well-being of people entering the mine.

The principle objective of this document is to ensure the health and wellbeing of personnel; with a heavy importance on advancing the firefighting effort and continuing mining operations without compromising the health and wellbeing of personnel.

There are several “non-negotiable rules” that apply in managing carbon monoxide. These are:

1. All crews must be checked by Health Monitoring personnel prior to entering the mine.
2. All crew leaders are to collect carbon monoxide detectors and ensure there is one per team.
3. All crews to log the current detector readings every 15 minutes on supplied log sheet.
4. Readings to be provided to Hazelwood Div Comm Officer including map grid reference every hour on **UHF Channel** or **Conventional radio channel**
5. All crews must be rechecked by Health Monitoring personnel at the conclusion of their shift prior to leaving the site.
6. Personnel will not be permitted to leave the site without appropriate clearance provided by Health Monitoring personnel.

CO Concentrations

0 - 30 ppm

- Workers can continue to work throughout normal shift duration
- Workers must continue to monitor CO detector recordings as normal
- There is no requirement for health check during shift, however all workers must be tested prior to and after completing their shift.

> 30ppm to 50ppm

Crews must not work in the mine for a continuous period greater than 2 consecutive hours without leaving the mine for CO testing at the Health Monitoring station.

> 50ppm

- Crews are to leave work area immediately
- Report to Health Monitoring for testing



CO Testing

The testing of personnel and associated responses are as follows:

- **1% to 4%** - no restrictions, can start or return to work
- **5% and above** - employee to wait 15 minutes and be re-tested
 - if re-test level < 5% there are no restrictions and employee can return to work
 - if levels still > 5% employee will be escorted home and will not be able to return to site for a period of no less than 24 hours from the time of testing
 - if levels are > 8% employee will be escorted to hospital via paramedics

In Addition:

- The personal monitors provide guidance for crews to manage exposure.
- Once you have exited the mine, open car windows to allow any C.O build up to escape from the vehicle.
- **If you are unable start or to return to work or are instructed to leave site, contact your Supervisor or Site Contact immediately.**

Priority Cards:

In order to streamline the health monitoring process during busy periods, particularly at shift changeover, GDF Suez employees and selected contractors will be issued with a 'Priority Card' which will indicate their priority to be tested at the CO Monitoring Station.

To assist with the process, the following will occur:

- During peak times, the CFA will establish a dedicated table for testing of GDF Suez employees.
- 'Priority Cards' are available from GDF Suez Supervisors, Leading Hands and Work Group Leaders.
- Employees and contractors should retain their 'Priority Card' whilst the health monitoring process is in place.