

	Gas Concentration Limits for Work		Page 1 of 1
			Revision
	Department QHSE DOCS	Document Code 000000	Issue Date: 00-00-0000

1. Cold Work

- **LEL** - Less than 10% (up to 20% with air mask)
- **H2S** - Less than 10 ppm (should wear SCBA or airline mask at higher concentrations).

2. Hot Work

- **LEL** - Not to exceed 1%, preferably 0%
- **H2S** - Not to exceed 10 ppm

3. Confined Space Entry

1. **Oxygen** - 19.5 to 23.5%
2. **LEL** - Less than 10% (up to 20% with air mask)
3. **H2S** - Below 10 ppm (above 10 ppm, entrants should wear Breathing apparatus, above 100 ppm, entry shall not be allowed).
4. **Other toxic gases** - Reading shall be below TLV for entry without air mask (eg.CO 25 ppm, Cl2 -0.5 ppm, 502 - 2 ppm,NH3 - 25 ppm.)
No entry even with BA if LEL is more than 20%,H2S is more than 100 ppm and CO is more than 500 ppm.

