

## CARBON MONOXIDE CONTROL SYSTEMS THIRD PARTY SPECIAL INSPECTIONS



Carbon monoxide system special inspections are planned and integrated systematic processes to ensure, through documented verification and commissioning, that all carbon monoxide sensors, related control systems and ventilation fans perform interactively according to the design intent as well as related building codes and local jurisdiction guidelines. Special inspection procedures require a collaborative team effort and begin in the design phase, continuing through completion of the construction phase.

Special inspection services are provided to supplement the technical services provided by building departments and as required by Section 406.4.2 of the Building Code. The special inspection agency works as an independent agent for the building department, but is contractually obligated to the building owner to assure that an independently verified fire/life safety system is in place and operates as intended. Glumac is an approved special inspector agency in Clark County (Las Vegas area), Nevada.

Our special inspection services include the following:

- Commissioning and verification of building control system with carbon monoxide sensors for underground garage
- Interface with building owner, building staff, design engineers, architect, contractors, building department plan review staff and inspectors
- Verification that each carbon monoxide sensor is mounted and spaced per the approved plans and per the manufacturer's installation instructions
- Verification that the control sequence of operation meets the intent of the approved drawings and minimum code requirements
- Calibration of each carbon monoxide sensor using calibrated source gases
- Verification that control alarms are configured and annunciate at a monitored control workstation
- Verification that garage exhaust fans and supply fans and related variable frequency drives are installed and operate properly
- Preparation of final carbon monoxide control test report with documentation as required by authority having jurisdiction

