

**Example provided has not been endorsed by the California Department of Public Health
For more information and additional safety materials, contact Tabitha Laser at 818-674-8109**

JOB SAFETY ANALYSIS of a Structural Fumigation using Vikane Gas

CONTROL	TASK	Initial _____	Date: _____
("X" when done)	Prior to Departure	Initial _____	Date: _____
	Ensure you have the following: Shipping Papers, Fume Job Papers & Order Form, JSA		
	Ensure daily DOT post-trip inspection is completed – (TMX commercial vehicles)		
	Ensure weekly vehicle inspection is completed – (TMX vehicles)		
	Ensure proper inspection, maintenance & calibration of all safety & detection devices.		
	- Cylinders are loaded & stored in an upright position during transport (NEVER on side & use 2 security methods)		
	- At least 2 SCBA's per site (Backup SCBA must have full tank & must have at least 1 full tank in addition for both)		
("X" when done)	Initial Set Up	Initial _____	Date: _____
	Perform general inspection of every job site to ensure that customer(s) have vacated the premises		
	Perform a walkthrough to verify there is no change in the structure (check against graph & notes)		
	Note any pre-existing damage: _____		
	Note any incomplete PREP WORK: _____		
	Identify trip hazard & remove if feasible (If trip hazards can not be removed, mark w/ hazardous/reflector tape if needed)		
	Control the jobsite to prevent egress/ingress of unauthorized individuals		
	The keys to the structure must be in the fumigators possession/control		
	Ensure that all plants, pets, and unauthorized persons are removed from the structure prior to fumigation		
	Food, medication, & pet feed must be double bagged (in accordance w/ the bagging instructions)		
	Perform equipment checks prior to beginning fumigation procedures		
	Properly place hoses and cords out of walkway		
	Work during inclement weather or high winds may be delayed until safe		
("X" when done)	Working On The Roof	Initial _____	Date: _____
	FALL PROTECTION		
	- Complete Fall Protection Plan for jobsite		
	- Use caution while working near power lines		
	- Fall arrest devices should be used to prevent free-falls of 6 feet or greater # CONCRETE ANCHORS: _____		
	- Ladder must be secured at base & from tipping at top, 1:4 ratio, 3' extension over edge		
	- When working from a ladder over 6' use a positioning strap.		
	- No riders are permitted on equipment & No unauthorized use of equip is permitted.		
	While lifting items, monitor the center of gravity to avoid tipping (use legs & not back to support the lift)		
	Use corner pads, duct tape or other means to pad protruding objects		
	Wear proper PPE (Slip resistant shoes, safety glasses at all times, & bump cap on ground crew)		
	Mark skylight, open courtyards, or other roof openings to prevent accidental stepping		
("X" when done)	Placing the Pic	Initial _____	Date: _____
	Ensure communication with the crew outside in case of emergency		
	Wear SCBA when placing the pic & neoprene gloves		
("X" when done)	Shooting the Gas	Initial _____	Date: _____
	Use 2 people/hoist to lift cylinders (wear work gloves & steel toed shoes to avoid pinching) & watch for uneven ground		
	Visually inspect shooting hose prior to using (replace or repair damaged hoses)		
	Inspect building to ensure that it is clear of all personnel & animals		
	Lock and secure the entry and exit points of the building that are not in use - Secure secondary locks on the door		
	Ensure that all gases are turned off at the residence. (natural gas)		
	Place fumigation placards and warning signs on exterior of building and all doors and entryways		
	Wear goggles/face shield while releasing gas (NEVER WEAR GLOVES)		
	Ensure that a licensed fumigator with a trained attendant is on site		
("X" when done)	Down / Initial Aeration	Initial _____	Date: _____
	Ensure staffing of at least 2 personnel with SCBA's (& back up air cylinder) during initial entry.		
	- Entrant MUST wear SCBA during initial entry until atmosphere has been deemed non-hazardous.		
	- Immediately vacate & replace air bottle when the low level alarm sounds (notify mgmt of empty bottle if this occurs)		
	Call your supervisor & contact the police if any door seal has been breached		
	Ensure that signage is visible during this process		
("X" when done)	Clear	Initial _____	Date: _____
	Continue to ventilate the building until required reading is achieved		
	Ensure contact with another employee in case of emergency (on location or by radio/phone)		
	Ensure at least one SCBA on site with back up air tank in case of emergency		
	Use monitoring device to ensure Vikane is below required level (If above level, exit premises immediately)		
	Patch any holes made by concrete anchors for fall protection (color match w/ residue dust in baggie inside front door)		