



STOP if not clear how to do the work

Hot Work | Higher Risk Checklist



When to use

Important: Use with applicable JLAs, Job Clearance Forms

Before any work that can potentially **ignite combustible or flammable materials**. Examples:

- Arcing / sparking equipment (e.g. welding, electrical equipment)
- Equipment that produces sparks (e.g. grinder, chop saw)
- Open flames e.g. roofing equipment



No Hot Work allowed in Tanks (Prohibited Area - see Diagram below)

Work Order Number: _____ Site Location: _____

Contractor: _____ Date: _____

Description of work/equipment that is hot work:

What is the worst thing that could happen to me?

BEFORE Starting All Hot Work

Done

- 1. Determine if activity can be completed without Hot Work or outside Restricted Area
- 2. Relocate Hot Work activity 10m from all combustible or flammable materials if possible. Cover combustible material if removal is not possible
- 3. Erect proper barricades and place charged fire extinguisher within reach
- 4. Identify all sources of potential explosive vapors (e.g. fuel, sewer, chemicals)
- 5. Reduce potential sources of explosive vapors (reduce restricted area e.g. apply vapor screen/cover sewers)
- 6. All equipment has proper safety guards and is properly grounded
- 7. When Hot Work is within 10m of combustible materials which cannot be relocated e.g. wood structure / forms, assign a worker whose **only** task is to watch for a fire (Fire Watch) during and 30 minutes after Hot Work



Before starting Hot Work in a Restricted Area complete steps 8 - 11:

- 8. Gas meter bump test against approved reference gas completed and within tolerance **today**
- 9. Perform atmospheric testing to confirm 0% LEL using a certified gas meter – use Log below
- 10. All Hot Work activities are stopped during fuel deliveries
- 11. Fire Watch is available during and 30 minutes after hot work is completed

Atmospheric Testing Log

Monitor atmosphere **continuously** during the work using a gas meter and record in log before beginning Hot Work, then hourly during work. If work stops, test/record before resuming Hot Work

STOP HOT WORK when atmospheric test results are outside the acceptable ranges

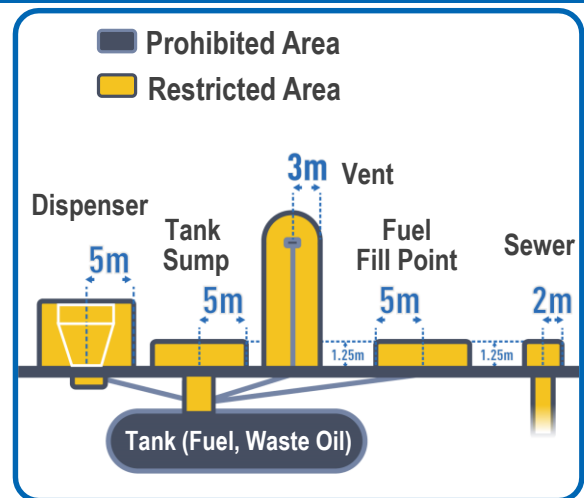
Ranges	%O ₂ : 19.5 -23%			% LEL: 0%		
Work Area	Before	Hour 1	Hour 2	Before	Hour 1	Hour 2
1						
2						

Name of person testing: _____

Name of worker: _____

Name of Fire Watch: _____

Hazardous Identification Diagram



Signature: _____ Date: _____

Signature: _____ Date: _____



Use of this form is subject to applicable local laws/regulations, does not replace the need to use good judgment nor applicable practices, and does not in any way amend or modify or supersede the terms or conditions of any contract by and between ExxonMobil (or its Affiliates) and contractor. (Revised September 1, 2019)

