

SRMP Pinedale - Hazard - Ignition Spacing Table

Spacing for Flammable Release and Ignition Sources - feet	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Completions 75' Flare Tower	Drilling Flare Box	Design Smoking Area, BBQ	HOT Oiler Propane Fired	Site Offices & Accommodation	FA - Fired Eq. (e.g. Heater, combustor, dehy reboller), low inventory	Glycol Heater Truck	Gun Loading Trailer	Open Flame Equipment (e.g. Steamer)	Diesel engines & equipment, non intrinsically-safe (IGNITION SOURCE ONLY)	Small gasoline engines - non - Intrinsically Safe	Light Gasoline/Diesel Vehicles/Equipment	Drilling Rig Boiler Elect-Class 1 / Div 2	Equipment electrically classified for HC area (C/D2 light plants/heaters)-Ignition Source Only
Completions 75' Flare Tower	1		75	75	75	75	75	75	75	75	75	75	75	75
Drilling Flare Box	2		75	75	75	75	75	75	75	75	75	75	75	75
Flowback Open Top Tanks (Sep & SCUD Open top tanks)	3	75	75	60	60	60	60	60	60	60	60	60	60	10
Flowback equipment, separator, prod pack (inc. temp. flowlines & sales lines)	4	75	75	50	50	50	50	50	50	50	50	50	50	10
Completions - HP Eq.(Well, chokes, trash catcher)	5	75	75	50	45	45	45	45	45	45	45	45	45	10
Propane Tanker - Camp Fuel Delivery (Flammables - Excludes Ignition Source)	6	75	75	50	40	40	40	40	40	40	40	40	40	40
Methanol Test Trucks & Eq. Under test w/ Methanol (Excluding Ignition Source)	7	75	75	50	40	40	40	40	40	40	40	40	40	10
Workover-Service Rig or NO Service Rig (Excluding Ignition Source)	8	75	75	50	30	30	30	30	30	30	30	30	30	10
Producing -Wells /Flow Arm	9	75	75	50	30	30	30	30	30	30	30	30	10	10
Production Pak, PSV,HP & Sales metering (Perm.)	10	75	75	50	20	20	20	20	20	20	20	20	20	20
Completions Earthen Pits	11	75	75	50	20	20	20	20	20	20	20	20	20	10
HOT Oiler Propane Fired	12	75	75	50		20	20	20	20	20	20	20	20	20
Drilling Well	13	75	75	50	20	15	15	15	15	15	15	15	15	10
Drilling - OB Mud Pits (Open Top Tanks with Shale Shaker)	14	75	75	50	20	10	10	10	10	10	10	10	10	10
Diesel/OBM storage tanks	15	75	75	50	20	10	10	10	10	10	10	10	10	10
Frac Tanks	16	75	75	50	20	10	10	10	10	10	10	10	10	10
Instrument Gas System (Vent)	17	75	75	50	20	10	10	10	10	10	10	10	10	10
Water/Condensate loadout tankers (Excluding Ignition Source)	18	75	75	50	20	10	10	10	10	10	10	10	10	10
Camp Propane Supply	19	75	75	50	20	10	10	10	10	10	10	10	10	10
Produced water/Condensate tank area	20	75	75	50	20	10	10	10	10	10	10	10	10	10
Methanol Tanks, 300 usg Composite & 500 usg metal LFL & Target for heat only	21	75	75	50	20	10	10	10	10	10	10	10	10	10

General Work Premises

- Controls against major failures of contractor equipment and errors by operators include CSMP and onsite visual + document checks and selective onsite supervision or placement of additional controls.
- Integrity program makes major loss of containment or loss of control unlikely
- This spacing chart is based on MINIMUM distances between flammable vapor sources and ignition sources to preclude ignition and is NOT based on escalation. Maximizing distance between flammable vapour sources is advised as a precaution against escalation.
- A Variance is required if the above minimum spacing requirements can not be met.
- For facilities spacing, construction group has a Production Equipment spacing chart.

General Access Requirements

- Major work activities
- Safe movement of equipment
- Movement of ER equipment & action (equipment access and equipment removal)
- Two evacuation routes for workers

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