

## SURFACE EQUIPMENT SPACING GUIDELINE

	WELLHEAD	FLARE	BOILER, STEAM GENERATING EQUIPMENT, TEG*	PRODUCED WATER TANK	OTHER SOURCES OF IGNITABLE VAPOURS	SEPARATOR	FLAME TYPE EQUIPMENT	PRODUCED FLAMMABLE LIQUIDS CRUDE OIL & CONDENSATE TANKS	SURFACE IMPROVEMENTS
WELLHEAD		50	25	NS	NS	NS	25*	50	80
FLARE	50		NS	25	25	25	25	50	80
BOILER, STEAM GENERATING EQUIPMENT, TEG*	25	NS		25	25	25	25	25	NS
PRODUCED WATER TANK	NS	25	25		NS	NS	25*	NS	NS
OTHER SOURCES OF IGNITABLE VAPOURS	NS	25	25	NS		NS	25*	NS	NS
SEPARATOR	NS	25	25	NS	NS		25*	NS**	NS
FLAME TYPE EQUIPMENT	25*	25	25	25*	25*	25*	T	25*	NS
PRODUCED FLAMMABLE LIQUIDS CRUDE OIL & CONDENSATE TANKS	50	50	25	NS	NS	NS**	25*		60
SURFACE IMPROVEMENTS	80	80	NS	NS	NS	NS	NS	60	

# NOTE: ALL DISTANCES IN THE TABLE ARE IN METERS (m)

- **NS** NOT SPECIFIED
- \* 25m WITHOUT FLAME ARRESTOR, NOT SPECIFIED WITH FLAME ARRESTORS
- \*\* SEPARATOR CANNOT BE IN THE SAME DYKE
- T TREATERS MUST BE AT LEAST 5m (SHELL TO SHELL) FROM OTHER TREATERS

### **NOTES:**

- a) Boilers etc. include steam generating equipment, electric generators and TEG units
- b) Other sources of ignitable vapours include compressors
- c) Flame type equipment include:
  - 1) Treaters
  - 2) Reboilers
  - 3) Line Heaters
- d) Surface improvements include public roads, public utilities, etc.
- e) All electrical installations must conform to the latest Canadian Electrical Code

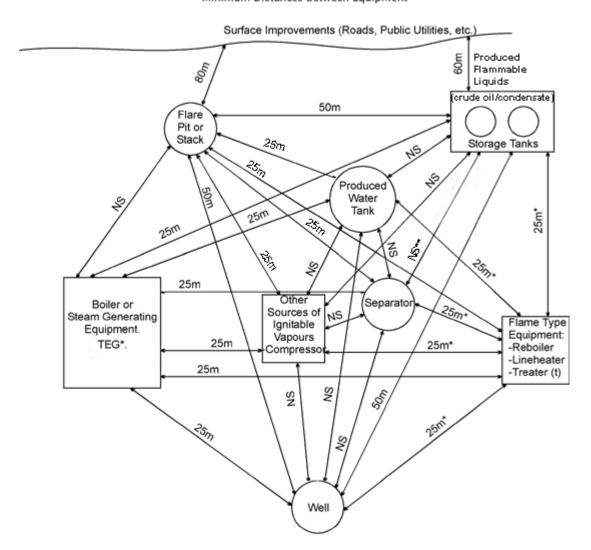


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Figure 7-3

## Surface Equipment Spacing

Minimum Distances between Equipment



All electrical installations must conform to the Canadian Electrical Code.

(t) Treaters must be at least 5m (shell to shell) from other treaters

\*25m without flame arrestors, not specified with flame arrestors.

\*\*separator outside dyke

NS - Not Specified.

Representation is NOT to Scale.