

SAFE OPERATING DISTANCE CHART

COMMONLY USED AND ACCEPTED BY THE GEOPHYSICAL INDUSTRY

	Explosives Energy Source					Vibroseis
	<u>Charge size shown in pounds</u>					
	<u>5 or under</u>	<u>6 to 10</u>	<u>11 to 20</u>	<u>21 to 40</u>	<u>41 to 100</u>	
Pipeline less than 6" diameter	100'	140'	190'	230'	290'	300'
Pipeline 6" to 12" diameter	150'	215'	280'	350'	430'	300'
Pipeline greater than 12" diameter ...	200'	290'	380'	460'	580'	300'
Telephone lines	40'	56'	76'	80'	115'	**
Railroad track or main paved highway	150'	215'	280'	350'	430'	**
Electric power line (shot hole not to exceed 200' depth)	300' *	300' *	300' *	300' *	300' *	**
Water well, buildings, underground cistern, and all other objects not mentioned including all living things	300'	430'	560'	700'	860'	300'

* This distance may be decreased to 40 feet where Primacord is used in detonating the explosive charge.

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June 15, 1995