

Table 2 - Recommended Process Unit Equipment Spacing

ROW	BLOWDOWN FACILITIES (DRUMS, PUMPS, STACKS)																					
A	A	COMPRESSORS GAS (NO IGNITION SOURCE)																				
B	15 (50)	3 (10)	CONTROL HOUSES (FOR SINGLE UNIT)																			
C	A	A	A	CENTRAL CONTROL HOUSES (2 OR MORE UNITS)																		
D	A	A	A	A	COOLERS, AIR FIN-FAN																	
E	15 (50)	8 (25)	A	A	A	COOLING TOWERS																
F	15 (50)	15 (50)	A	A	15 (50)	A	DRUMS - CONTAINING FLAMMABLES															
G	15 (50)	8 (25)	A	A	2 (8)	15 (50)	2 (5)	ELECTRICAL CONTROL AND DISTRIBUTION CENTERS														
H	15 (50)	15 (50)	A	A	15 (50)	15 (50)	15 (50)	1 (4)	ELECTRICAL SWITCH RACKS, CRITICAL													
I	15 (50)	8 (25)	A	A	5 (15)	5 (15)	5 (15)	A	A	EXCH'RS CONTAINING FLAM/COMB LIQ												
J	15 (50)	8 (25)	A	A	2 (8)	15 (50)	2 (5)	15 (50)	5 (15)	A	FURNACES (PROCESS FIRED EQUIPMENT)											
K	30 (100)	30 (100)	A	A	15 (50)	30 (100)	8 (25)	15 (50)	12 (40)	15 (50)	8 (25)	PIPEWAYS (BETWEEN UNITS)										
L	6 (20)	5 (15)	A	A	A	8 (25)	2 (5)	3 (10)	0	1 (3)	8 (25)	A	PIPEWAYS (WITHIN UNITS)									
M	2 (5)	A	A	A	A	1 (3)	1 (3)	3 (10)	0	1 (3)	1 (3)	A	A	PUMPS (FLAMMABLE)								
N	15 (50)	8 (25)	A	A	8 (25)	15 (50)	2 (5)	15 (50)	8 (25)	2 (5)	15 (50)	1 (3)	0	1 (3)	PUMPS (NONFLAMMABLE)							
O	8 (25)	2 (8)	A	A	A	A	1 (3)	8 (25)	2 (8)	1 (3)	8 (25)	1 (3)	0	1 (3)	1 (3)	REACTORS (INTERNALLY LINED & EXTERNALLY INS)						
P	15 (50)	8 (25)	A	A	3 (10)	15 (50)	3 (10)	15 (50)	5 (15)	3 (10)	8 (25)	3 (10)	2 (5)	3 (10)	2 (8)	3 (10)	SEPARATOR UNIT(S) (LIGHT ENDS)					
Q	15 (50)	8 (25)	A	A	15 (50)	15 (50)	6 (20)	15 (50)	5 (15)	8 (25)	15 (50)	5 (15)	A	3 (10)	1 (3)	15 (50)	A	SNUFFING STEAM OPERATING VALVE FOR FURNACES				
R	15 (50)	15 (50)	A	A	6 (20)	15 (50)	6 (20)	1 (4)	1 (4)	6 (20)	15 (50)	0	0	6 (20)	1 (3)	15 (50)	9 (30)	0	STRUCTURES (EQUIPMENT & PROCESS)			
S	15 (50)	8 (25)	A	A	A	15 (50)	1 (3)	15 (50)	5 (15)	1 (3)	15 (50)	0	0	2 (5)	1 (3)	6 (20)	15 (50)	5 (15)	0	TOWERS (FLAMMABLE)		
T	15 (50)	8 (25)	A	A	2 (8)	15 (50)	2 (8)	15 (50)	5 (15)	2 (8)	15 (50)	2 (8)	2 (5)	2 (5)	2 (5)	3 (10)	6 (20)	8 (25)	2 (5)	2 (8)	WATER SPRAY DELUGE VALVES	
U	15 (50)	15 (50)	A	A	8 (25)	5 (15)	8 (25)	1 (4)	1 (4)	5 (15)	15 (50)	0	0	8 (25)	1 (3)	15 (50)	6 (20)	0	0	8 (25)	0	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	COLUMN

Notes:

1. This table does not account for vapor cloud explosions, customer safety and property protection, environmental or flare vent/stack dispersal requirements.
2. Distances are in meters (feet).
3. Distances are from PIP Member Company input.
4. "A" indicates that an engineering/ safety decision is required. For location of buildings, refer to Section 9.1.