ROW	BLOWDOWN FACILITIES (DRUMS, PUMPS, STACKS)	COMPRESSORS GAS (NO IGNITION SOURCE)	CONTROL HOUSES (FOR SINGLE UNIT)	CENTRAL CONTROL HOUSES (2 OR MORE UNITS)	COOLERS, AIR FIN-FAN	COOLING TOWERS	DRUMS-CONTAINING FLAMMABLES	ELECTRICAL CONTROL AND DISTRIBUTION CENTERS	ELECTRICAL SWITCH RACKS, CRITICAL	EXCH'RS CONTAINING FLAM/COMB LIQ	FURNACES (PROCESS FIRED EQUIPMENT)	PIPEWAYS (BETWEEN UNITS)	PIPEWAYS (WITHIN UNITS)	PUMPS (FLAMMABLE)	PUMPS (NONFLAMMABLE)	REACTORS (INTERNALLY LINED & EXTERNALLY INS.)	SEPARATOR UNIT(S) (LIGHT ENDS)	SNUFFING STEAM OPERATING VALVE FOR FURNACES	STRUCTURES (EQUIPMENT & PROCESS)	TOWERS (FLAMMABLE)	WATER SPRAY DELUGE VALVES
A	A																				
B	50(15)	10(3)																			
C	A	A	A																		
D	A	A	A	A																	
E	50(15)	25(8)	A	A	A																
F	50(15)	50(15)	A	A	50(15)	A															
G	50(15)	25(8)	A	A	8(2)	50(15)	8(2)														
H	50(15)	50(15)	A	A	50(15)	50(15)	50(15)	1(4)													
I	50(15)	25(8)	A	A	15(5)	15(5)	15(5)	A	A												
J	50(15)	25(8)	A	A	8(2)	50(15)	8(2)	50(15)	15(5)	A											
K	100(30)	100(30)	A	A	50(15)	100(30)	25(8)	50(15)	40(12)	50(15)	25(8)										
L	20(6)	15(5)	A	A	A	25(8)	8(2)	10(3)	M	3(1)	25(8)	A									
M	8(2)	A	A	A	A	3(1)	3(1)	10(3)	M	3(1)	3(1)	A	A								
N	50(15)	25(8)	A	A	25(8)	50(15)	5(2)	50(15)	25(8)	5(2)	50(15)	3(1)	M	3(1)							
O	25(8)	8(2)	A	A	A	A	3(1)	25(8)	8(2)	3(1)	25(8)	3(1)	M	3(1)	3(1)						
P	50(15)	25(8)	A	A	10(3)	50(15)	10(3)	50(15)	15(5)	10(3)	25(8)	10(3)	5(2)	10(3)	8(2)	10(3)					
Q	50(15)	25(8)	A	A	50(15)	50(15)	20(6)	50(15)	15(5)	25(8)	50(15)	15(5)	A	10(3)	1(3)	50(15)	A				
R	50(15)	50(15)	A	A	20(6)	50(15)	20(6)	4(1)	4(1)	20(6)	50(15)	M	M	20(6)	3(1)	50(15)	30(9)	M			
S	50(15)	25(8)	A	A	A	50(15)	3(1)	50(15)	15(5)	3(1)	50(15)	M	M	5(2)	3(1)	20(6)	50(15)	15(5)	M		
T	50(15)	25(8)	A	A	8(2)	50(15)	8(2)	50(15)	15(5)	8(2)	50(15)	8(2)	5(2)	5(2)	5(2)	10(3)	20(6)	25(8)	5(2)	8(2)	
U	50(15)	50(15)	A	A	50(15)	15(5)	50(15)	4(1)	4(1)	50(15)	50(15)	M	M	50(15)	3(1)	50(15)	50(15)	M	M	50(15)	M
	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 FEET (METERS).
3. "A" INDICATES THAT AN ENGINEERING SAFETY DECISION IS REQUIRED. FOR LOCATION OF BUILDINGS REFER TO:
   * GAP GUIDELINES 2.5.2
4. "M" INDICATES MINIMUM DISTANCE REQUIRED FOR MAINTENANCE AND/OR OPERATIONS ACCESS.

DRAWING NO.	REFERENCE DRAWINGS		REV.	DESCRIPTION	BY	DATE	CHK	APP.	PE
–									

DRAWN:	DATE
DESIGNED:	DATE
CHECKED:	DATE
APPROVED:	DATE
PE:	DATE

TITLE: MINIMUM SPACING REQUIREMENTS FOR PROCESS UNITS IN REFINERIES AND PETROCHEMICAL PLANTS SAG11

SCALE	JOB NO.	DRAWING NO.	REV.
N.T.S			

SCALE APPLIES IF PLOTTED ON SIZE "D" (22"x34")