

ANALYSIS OF FIRE HAZARDS

FIRE AREA DESIGNATION	FIRE ZONE DESCRIPTION	SAFETY CLASS	ELEVATION	FIRE AREAS		COMBUSTIBLES				FIRE PROTECTION SYSTEMS						FIRE DETECTION SYSTEMS		REMARKS		
				NUMBER	ROOM NAME & EQUIPMENT LOCATED WITHIN	CONSTR. ELEV. FIRE RATING IN HOURS	MATERIAL	TOTAL HEAT OF COMBUST. (BTU)	SURFACE AREA EXPOSED TO FIRE (SQ. FT.)	HEAT RELEASE RATE (BTU/HR)	FIRE HAZARD CLASS.	FIXED			PORTABLE EXTINGUISHERS				TYPE	INTENDED SERVICE
												TYPE	DENSITY	ACTIVATION	TYPE	CAPACITY	U.L. RATING			
CONTAINMENT BUILDING UNIT N° 1																				
CA 1010	CA	00	1010	53	2 GAL TRANS. COMB.	3.42 x 10 ⁵	857	3.9	LOW	NONE	---	---	---	---	---	---	---	NONE	---	
CA 1016	CA	00	1016	154	ELECTRICAL CABLES, HYDRAULIC FLUID, LUBE OIL, 2 GAL TRANS. COMB.	1.79 x 10 ⁶	8339	3.35 x 10 ⁴	LIGHT	HS	3/100	MANUAL	HPK	20 LBS	80-B/C	---	---	T.S.	LA & RA	
CA 1010	CA	00	1010	157	LUBE OIL, 2 GAL TRANS. COMB.	1.39 x 10 ⁵	3085	4.5 x 10 ⁴	MEDIUM	NONE	---	---	---	---	---	---	---	T.S.	LA & RA	
CA 1010	CA	00	1010	158	PHARMACEUTICAL GLASS, ELECTRICAL CABLES, 2 GAL TRANS. COMB.	2.26 x 10 ⁶	6760	6.1 x 10 ⁴	MEDIUM	ADS	1/100	MANUAL	HPK	20 LBS	80-B/C	---	---	T.S.	LA, RA & FSA	
CA 1010	CA	00	1010	159	2 GAL TRANS. COMB., ELECTRICAL CABLES	7.31 x 10 ⁵	849	2.80 x 10 ⁴	LIGHT	NONE	---	---	---	---	---	---	---	T.S.	LA & RA	
CA 1011	CA	00	1011	154	ELECTRICAL CABLES, LUBE OIL, 2 GAL TRANS. COMB.	7.88 x 10 ⁵	6820	5.69 x 10 ⁴	MEDIUM	HS	3/100	MANUAL	HPK	20 LBS	80-B/C	---	---	T.S.	LA & RA	
CA 1012	CA	00	1012	155A	ELECTRICAL CABLES, 2 GAL TRANS. COMB.	3.45 x 10 ⁵	1220	2.41 x 10 ⁴	LIGHT	NONE	---	---	---	---	---	---	---	NONE	---	
CA 1013	CA	00	1013	160	RAHWASTE COMPACTOR, LUBE OIL, 2 GAL TRANS. COMB.	1.03 x 10 ⁶	6067	1.63 x 10 ⁴	LIGHT	HS	2/100	MANUAL	HPK	20 LBS	80-B/C	---	---	T.S., T.D.	LA & RA	
SERVICE WATER INTAKE STRUCTURE																				
WA 100	WA	NR	100	276	LUBE OIL, FUEL OIL, 2 GAL TRANS. COMB.	1.73 x 10 ⁵	219	7.85 x 10 ⁴	MEDIUM	ADS	1/100	AUTOMATIC	NONE	---	---	---	---	T.D.	LA, RA & FSA	
WB 1040	WB	OR	1040	276	SERVICE WATER PUMPS SECTION, LUBE OIL, 2 GAL TRANS. COMB.	1.04 x 10 ⁵	337	2.57	LOW	NONE	---	---	---	---	---	---	---	T.D., I.D.	LA, RA & FSA	
WB 1040	WB	OR	1040	273, 271	LUBE OIL, 2 GAL TRANS. COMB.	1.04 x 10 ⁵	337	2.57	LOW	NONE	---	---	---	---	---	---	---	T.D., I.D.	LA, RA & FSA	
TURBINE BUILDING UNIT N° 1																				
TB 1000	TB	NR	1000	1	2 GAL TRANS. COMB.	3.42 x 10 ⁵	52.14	66	LOW	ADS	1/100	AUTOMATIC	HPK	20 LBS	80-B/C	---	---	T.S.	LA, RA & FSA	
TB 1006	TB	NR	1006	2, 3, 4	PIT AREA	3.42 x 10 ⁵	8.742	3.3	LOW	HS	3/100	MANUAL	HPK	20 LBS	80-B/C	---	---	T.S.	LA, RA & FSA	
TB 1006	TB	NR	1006	1A	PLATFORM AREA	3.42 x 10 ⁵	2.272	1.50	LOW	HS	3/100	MANUAL	HPK	20 LBS	80-B/C	---	---	T.S.	LA, RA & FSA	
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