



WSLLC
 Fire And Emergency Services
 Iraq



Fire Inspection Deficiency Report

Theatre Totals

01 July 2008

A. Housekeeping:		D. Petrol, Oil, Lubricants:		G. Fire Detection		J. Fire Extinguishers		L. Building Construction Cont.	
875	General Order:	185	Pipe Leaks	9,037	Detectors	6,740	Needed	0	Girders
99	Rubbish	13	Refueling	7,411	Batteries	10,361	Location	3	Trusses
375	Cleanliness	0	Defueling	4,663	Wiring	2,897	Hydrostatic Test Date:	946	Stairs
4	Vegetation Growth	352	Grounding	55	Control Box	1,808	Pressure Gauge	392	Fire Escape
208	Improper Storage	50	Bonding	2	Fuses	47	Horn		
83	Overall Poor	107	Electrical	7,207	Needed	13	Nozzle		
83	Outdoor Housekeeping	153	Compatibility	G. Fire Suppression Systems:		12	Control Valve	M. Storage	
		2	Manhole Covers	97	Sprinkler Riser	387	Safety Pin	114	Procedures
B. Smoking:		102	Distance to Building	15	Compressor	K. Flammable Storage		28	Wall to Storage Spacing
1,082	Unauthorized Area	5	Drains	24	Post Indicator Valve	49	Flammable Gases	710	Storage Heights
2	Smoking Permit	2	Nozzles	15	2-Inch Drain	281	Flammable Liquids	N. Hazardous Materials	
44	Disposal of Materials	E. Heating		16	Branch Lines	63	Electrical Fixtures	219	Containers
9	Receptacles	37	Fuel Pipe	55	Sprinkler Heads	1,398	Diking	50	Compatibility
311	No Smoking Signs	8	Fuel Lines	19	Inspectors Test Valve	206	Burner Protection	516	Storage Methods
65	Improper Lighter	23	Filters	27	Agent	750	Venting	99	Improper Facility
15	Matches	4	Damper	27	Fusible Links	1,533	Labeling	386	Items not Labeled
		618	Cooking Equipment	27	Nozzles	1,992	Containers	539	Warning Signs
		24	Deep Fat Fryers	6	Fire Hydrant	98	Cabinet	18	Ventilation
		13	Ovens			109	Leakage		
C. Electrical		552	Burners	G. Fire Suppression Systems:		115	Overstock		
10,149	Multiple Outlets	72	Exhaust Fans	1,738	Occupancy Loads				
9,106	Extension Cords	18	Housekeeping	12,543	Means of Egress	L. Building Construction:			
1,066	Frayed Wiring	67	Chimney	3,303	Exit Requirements	558	Doors		
4,610	Hazardous Locations	147	Thermostat	1,370	Emergency Lighting	0	Windows		
26,205	Improper Wiring	G. Fire Detection		5,076	Exit Impediments	946	Hardware	O. Special Hazards	
5,225	Fuses and Panel Boxes	1	Fusible Link	828	Exit Lights	392	Firewalls	7	Welding Cutting
2,285	Conduit and Raceway	1	Door Guides	3,147	Exit Signs	61	Door Frames	2	Finishing Processes
989	Conductors	10	Operational	911	Interior Finish	96	Floors, Bearing	17	Hot Work Permit
4,571	Outlet Boxes	0	Rated	61	Smoke Barriers	116	Roofs	49	Spontaneous Heating
3,201	Switches and Fuses	2	Damaged	131	Ramps	0	Columns	64	Interior Finish
5,045	Daisy Chains	31	Hardware			0	Beams	14	Explosives

Commonly Identified Hazards

- A. Housekeeping:
 - a. General Order- General disarray of personal items
 - b. Rubbish-Trash or discarded materials
 - c. Cleanliness- clothing, materials, etc, creating a fire hazard
 - d. Vegetation-weeds or growth in proximity of facility
 - e. Improper Storage- Materials stored in an unsafe fashion
 - f. Overall poor-General disrepair or cleanliness of facility
 - g. Outdoor housekeeping- Trash, accumulations of combustible materials
- B. Smoking:
 - a. Unauthorized areas- normally in living areas, inside structures
 - b. Smoking Permit- Not smoking in permitted areas
 - c. Disposal of Materials – Disposing in trash cans, dumpsters, etc.
 - d. Receptacles- No butts can or disposal devices
 - e. No Smoking Sign – Signs not posted
 - f. Improper Lighter-
 - g. Matches- discarded matches
- C. Electrical
 - a. Multiple Outlets- Gang plugs into a single outlet
 - b. Extension Cords- Replacing permanent wiring, coiled, frayed or undersized for the use
 - c. Frayed wiring-wiring covering damaged, exposed at terminations
 - d. Hazardous Locations- Wiring with the potential to impact personnel or creates additional fire hazard based on location or proximity
 - e. Fuses and Panel Boxes- Missing covers, wiring not properly terminated, breakers missing, blanks missing
 - f. Conduit and Raceway-missing required conduit or improper use of electrical raceways that carry electrical cables
 - g. Outlet Boxes-Missing outlets boxes for termination, open or exposed boxes, wiring not properly terminated in boxes.
 - h. Switches and fuses-Non EU or NFPA switches, switches damaged or improperly installed or located.
 - i. Daisy Chain- The plugging of one extension cord into another extension cord
- D. POL
 - a. Grounding- Improper grounding to the earth
 - b. Bonding-Improper bonding
 - c. Electrical-Non intrinsic terminations or lighting
 - d. Distance to Building-Not enough distance for safe operation
 - e. Drains-Location of drain incompatible with potential runoff of spill
 - f. Nozzles-Leaking, or non flash suppressing nozzles
- E. Heating
 - a. Fuel Pipe-Fuel pipe leaking or damaged
 - b. Fuel Line-Fuel line leaking or damaged
 - c. Cooking Equipment-Portable grills, BBQs

- d. Deep Fat fryers-Thermostat
 - e. Ovens-thermostats, location, design
 - f. Burners-Normally hot plates
 - g. Exhaust Fans- Missing or not properly cleaned
 - h. Housekeeping- General cleaning, trash, or material storage
 - i. Thermostat- Missing or damaged
- F. Fire Detection:
- a. Operational-Installed detection system is not operational
 - b. Hardware-Missing or damaged hardware required on fire detection systems such as pull boxes
 - c. Missing, damaged, dead, or corroded
 - d. Batteries-Missing, damaged, dead, or corroded
 - e. Wiring-Missing damaged, non operable, not installed to code
 - f. Control Box-Connection not properly terminated, missing components, not installed to code
 - g. Needed-Missing and required for occupancy protection
- G. Fire Suppression Systems:
- a. Sprinkler Riser-Missing components, damaged gauges, leaking clapper
 - b. Compressor-Not operational or unable to supply required pressure
 - c. Post Indicator Value- Not to code, not supervised, leaking
 - d. 2-Inch Drain-Not to code, missing, leaking
 - e. Branch line-Leaking, not to code
 - f. Sprinkler heads-Not correct temperature rating, not to code
 - g. Inspector Test Valve- Not to code, not supervised, leaking
 - h. Agent-Missing, wrong material, not charged, not maintained
 - i. Fusible links- Missing, damaged
 - j. Nozzles- Not to code, missing, leaking
 - k. Fire Hydrant-Leaking, non-national standard thread
 - l. Occupancy Loads-not posted, exceeds capacity
 - m. Means of Egress-Not adequate, obstructed, rating
 - n. Exit Requirements- Not adequate, obstructed, hardware
 - o. Emergency Lighting-Missing, not adequate, not placed properly
 - p. Exits impediments-Obstructions, non-rated corridors
 - q. Exit Signs-Missing, not lighted, not visible
 - r. Interior Finish-Does not meet code (combustibility)
 - s. Smoke Barriers-Missing, not installed properly, incorrect material
 - t. Ramps-Missing, not designed to code, combustible materials
- H. Fire Extinguishers
- a. Needed-Required by code and missing
 - b. Location-Does not meet travel distance requirement
 - c. Hydrostatic Test Date-Date used to track required maintenance
 - d. Pressure Gauge-Damage to gauge, low pressure requiring charge
 - e. Horn-Discharge hose requires repair
 - f. Nozzle-Requires repair
 - g. Control Valve-Requires repair
 - h. Safety Pin-Missing

- I. Flammable Storage
 - a. Flammable Gases-Improperly stored, not secured, no signage
 - b. Flammable liquids-Improperly stored, leaking, no signage
 - c. Electrical Fixtures-Non rated for environment
 - d. Diking-Missing, combustible, not of adequate retention size
 - e. Burner Protection-Non rated devices
 - f. Venting-Not adequate venting of storage space
 - g. Labeling-Not in accordance with NFPA
 - h. Containers-Not UL, CU, or FM
 - i. Leakage-Leaking container
 - j. Overstock-Exceeding the rating of rated storage
- J. Building Construction-
 - a. Doors-Not rated for the occupancy, not properly sized for occupancy, requiring repair
 - b. Hardware-Missing, damaged, or not rated for the occupancy
 - c. Firewalls-Missing, not rated, or improperly installed
 - d. Door Frames-Non-rated, damaged
 - e. Floors Bearing-non-rated materials
 - f. Roofs-Non rated materials
 - g. Stairs-non-rated materials, angle, rise, handrails
- K. Storage
 - a. Procedures-Missing procedures for permitted storage materials
 - b. Fire Lanes-Lack of emergency access
 - c. Wall to Storage Spacing-Storage in facility exceeds occupancy criteria
 - d. Storage Height-Secure storage above 6 feet, high rise storage without sprinkler system
- L. Hazardous Materials
 - a. Containers-Improper container for material
 - b. Compatibility-Storage of materials in proximity that require separation
 - c. Improper Facility-Facility not constructed with design features required for hazards stored
 - d. Items Not Labeled-Missing or improper
 - e. Warning Signs-Missing
 - f. Ventilation-Improper for hazards stored
- M. Special Hazards-
 - a. Welding Cutting-Improper use for building construction
 - b. Hot Work Permit-Missing
 - c. Spontaneous Heating-Improper storage of oily rags
 - d. Interior Finish-Rating of interior does not meet code
 - e. Exposures-Other structures are too close