

system, 5.2.1.9.



## Mobile Fire-Rescue Department Bureau of Fire Prevention 2851 Old Shell Road Mobile, Al 36607 (251)208-7484 Fax: (251)208-7162

Kitch	March 2010		
Date of	Review:/ Pe	ermit Number:	
Busines	ss/Building Name:	Address of Project:	
		Designer's Phone:	
		Contractor's Phone:	
		Model:	
IFC, IM	IC, NFPA 13 and NFPA 17A	A	
Worksh	<b>eet Legend:</b> $OK = acceptable N =$	= need to provide <b>NA</b> = not applicable	
1	_ 2 sets of drawings submitte	ed.	
2	_ Fire extinguishing system	is listed in accordance with UL 300.	
Floor I	Plan Showing:		
3	_ Scale: a common scale sha	all be used and plan information is leg	gible.
4	_ Equipment symbol legend	is provided.	
5	_ Cross sectional view of the	e room and equipment are provided.	
Pre-en	gineered Wet Chemical and	d Water Spray Systems:	
	<u> </u>	nd aggregate flow rate is provided.	
7	_ System model is provided	and the plan indicates the permissibl	e number of flow points
		nents of the appliances to be protected	
9	_ Measurements of hood, plo	enum, and duct are provided, 5.1.4.	•
10	Pipe size and length for su	apply, branches, etc. are provided.	
11	Pipe volumes are provided	d with calculations when required as	part of the listing, 6.3.3.
		ies with the listed manufacturer's des	
13	Piping and nozzles are add	equately braced, 6.3.2.	
		toff device is described and detailed.	
		levice shall be arranged that it require	
904.11.	2.		
16	All equipment under the h	nood shall shutdown when the fire-ex	tinguishing system
activate	es, IFC 904.11.2.		
17	Nozzle types are identified	d for the appliance hazard, type of us	e, and coverage area,
6.3.3.	· -		_
18	Nozzle placement compli	es with the manufacturer's data sheet	, distances from each
nozzle	to the protected hazard surfa-	ce are detailed and distance from app	oliances to filters and
	ening are detailed.	-	
19	Plenum and duct areas are	e protected in accordance with the ma	anufacturer's design
manual			-
20	If provided, the fire-exting	guishing system is connected to the b	ouilding fire alarm





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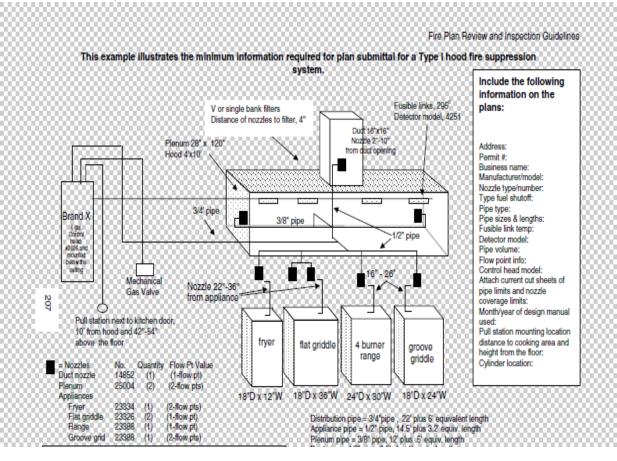
21 At least one accessible manual pull station is provided in path of e	gress, 10 ft. to 20 ft.
(IMC 509.3) from the hood and 42 in. to 48 in. above the floor level, IFC 90	4.11.1.
22 Control head model number is identified and the wet chemical con	itainer installation
location is detailed and complies with Section 5.4.1.	
23 Heat detectors or fusible links are located in accordance with the n	nanufacturer's
design manual and the detector part number is provided, 6.3.4 (1).	
24 Fusible link temperature is in accordance with fire extinguishing s	ystems' listing
requirements, 5.6.1.6.	
25 Simultaneous activation of systems occurs when protecting comme	on hoods, plenums,
and ducts, 5.1.4.	
NFPA 13:7.9 Sprinkler Protection:	
26 Duct, hood, and appliance configuration(s) are detailed and measu	rements provided.
27. Sprinkler protection is provided for cooking equipment, plenum ar	
28. Location of duct sprinklers complies with Section 7.9.3.1.	, , , , , , , , , , , , , , , , , , , ,
29 Sprinkler spacing in ducts and sprinkler temperature ratings compl	ly with Section
7.9.3.3.	•
30 Sprinklers are installed above duct collars and the temperature rati	ngs comply with
Section 7.9.4.1.	
31 Location of sprinklers required in the plenum chamber complies w	
32 Sprinklers used to protect deep fat fryers will be listed for that use	
33 Operation of a sprinkler automatically shuts off all sources of fuel	and heat to all
equipment under the hood.	
34 Listed indicating control valve for the water supply is provided, 7.	
35 Listed strainer for the water supply is provided when required by S	
36 Adequate water pressure and flow is available to operate the system	
listing requirements of the sprinkler, pressure and flow information are provi	ided, 7.9.1.
37 Supervised water supply valve is provided, 7.9.1.	
38 Sprinklers in ducts are accessible for maintenance, 7.9.7.	
39 Sprinklers are a minimum 6 ft. apart unless baffled in accordance	
40 Sprinklers exposed to temperatures of 300 degrees f or will be 325	_
the temperature exceeds 300 degrees then a higher temperature sprinkler wil	
41 K-factor for sprinklers installed in ducts, above the duct collar, and	d in plenum areas are
in accordance with Section 5.6.	
42 Test connection to verify equipment shutdown is detailed, 7.9.11.	
Fire Extinguishers:	
43 Solid fuel appliance with firebox volume of 5 cu. Ft. or less shall be	be equipped with at
least one 2.5 gallon or two 1.5 gallon K extinguishers. The extinguishers sha	all be located within
30 ft., IFC 904.11.5.1.	
44 Class K extinguisher is within 30 ft. of the appliance. Provide one	1.5 gallon
extinguisher for up to four deep fat fryers with a maximum cooking medium	
pounds and one additional extinguisher for every additional group of four fry	yers. For fryers





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exceeding 6 sq. ft. provide an extinguisher in accordance with the manufacturer recommendations, IFC 904.11.5.



Addition Comn	nents:			
Review Date:	/	/	Approved or Disapproved FD Reviewer:	