



IONA MCGREGOR FIRE DISTRICT
FIRE PREVENTION
 15961 WINKLER ROAD
 FORT MYERS, FLORIDA 33908



PREVENTION OFFICE: (239) 425-9336
 FAX: (239) 433-2673

OTHER INSPECTIONS

ADDRESS

PERMIT NUMBER

FIRE DOORS/WINDOWS:

- ___ DOORS & FRAMES LABELED (80:1-6.1)
- ___ MAX. 1/8" CLEARANCE BETWEEN 2 SWING DOORS (80:2-6.4)
- ___ CLEARANCE BETWEEN DOOR & FLOOR
 1. RAISED SILL 3/8"
 2. NO SILL 3/4"
 3. RIGID TILE 5/8"
 4. NOMINAL SURFACE OF FLOOR COVERING 1/2" (80:2-6.5)
- ___ COMBUSTABLE FLOOR COVERINGS SHALL NOT EXTEND THRU 3 HOUR DOORS (80:
 - ___ MUST BE SELF CLOSING OR AUTO. CLOSING (101:8.2.3.2.1)
- ___ LIMITS OF WIRED GLASS IN FIRE DOORS:

RATING	MAX AREA (SQ. IN.)	MAX HEIGHT	MAX WIDTH
3 HOUR	0	0	0
1 - 1 1/2 HR	100	33"	12"
3/4 HOUR	1296	54"	54"

 (SBC705.1.3.6.2)
- ___ FIRE WINDOW MUST BE < 25% OF FIRE BARRIER (101:A.8.2.3.2.2(1))
- ___ LABELED GLASS BLOCK IN STEEL FRAME
- ___ < 120 SQ. FT., NO DIMENSION GREATER THAN 12' (SBC705.1.3.6.2)

FIRE WALLS/TENENT SEPERATION/SMOKE PARTITIONS:

- ___ UL APPROVED ASSEMBLY (221)
- ___ BUILT TO ASSEMBLY APPROVED ON PLANS
- ___ IF SUBJECT TO DAMAGE, PROTECTION MIN. 5' HIGH (221:2-2.3)
- ___ OUTLET BOXES ON OPPOSITE SIDES OF WALL SEPERATED BY (101:7.2.3.9)
- ___ HORIZONTAL DISTANCE > 24" (101:A.8.2.3.2.4.2)

PROOF

- ___ VENTS, SKYLIGHTS, UNPROTECTED OPENINGS:
 - ___ SHALL BE 25' FROM WALLS RATED > 2 HOURS
 - ___ 4' FROM WALLS RATED 2 HOUR OR LESS (221:7-4)
- ___ "FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS" SIGNAGE (SBC 704.2.1.4)
- ___ SMOKE BARRIERS SHALL BE 1 HOUR RATINING
- ___ FIXED WIRE GLASS DO NOT INDIVIDUALLY EXCEED 1,296

SQ. IN. ON EACH SIDE OF EXTERIOR DIVIDING WALL

(SBC704.2.1.5)

___ ARE SYSTEMS DEISIGNED FOR STATIC OR DYNAMIC

DAMPERS

- ___ SERVICE OPENINGS @ DAMPER AND/OR S/D (90A:2-3.4.1)
- ___ SERVICE OPENINGS LARGE ENOUGH TO SERVICE (90A2-3.4.1)
- ___ SERVICE OPENINGS IDENTIFIED BY 1/2" LETTERS (90A:2-3.4.2)
- ___ SERVICE OPENINGS EVERY 20' & BASE OF RISER (90A:2-3.4.3)
 - 3.1.1.1)
- ___ 1/2" CLEARANCE FROM COMBUSTABLES (90A:3-2.1)
- ___ DAMPERS REQUIRED IN 2 HR. WALLS (90A:3-3.1.1)
- ___ DAMPERS IN WALL < 3 HRS. = 1 1/2 HR. RATING (90A: 3-4.1)
- ___ DAMPERS IN WALL > 3 HRS. = 3 HRS. (90A:3-4.1)
- ___ UL 555 LISTED

VENT.

- ___ DAMPERS NOT REQUIRED IF THE DUCT SHALL NOT EXCEED 100 SQ. INCHES , .0217 IN. MINIMUM STEEL
- ___ NO DUCT OPENINGS FOR NOT LESS THAN 5' FROM RATED WALL AND INSTALLED ABOVE CEILING (FBC-MECANICAL 607.1.3)

PENETRATIONS:

- ___ APPROVED DEVICE DESIGNED FOR SPECIFIC PURPOSE
 - ___ ASTM E 814 APPROVED (101:8.2.3.2.4.2)
 - ___ ELECTRICAL
 - ___ STRUCTURAL
 - ___ SPRINKLER
 - ___ A-C LINES (1:5-7.4)(101:8.2.4.4.1)
 - ___ NOT COVERED OR CONCEALED (101:8.3.7.2)

SMOKE CONTROL SYSTEM

- ___ TEST ON NORMAL POWER & STAND BY POWER (92A:4-3.3.3)
- ___ CORRECT OUTPUTS PRODUCED: NORMAL MODE, AUTOMATIC SMOKE-CONTROL MODE FOR 1ST ALARM, MANUAL OVERRIDE OF NORMAL & AUTOMATIC SMOKE CONTROL MODES, AND RETURN TO NORMAL (92A:4-3.3.4)
- ___ STAIR POWER PRESSURIZATION (92A:4-3.4)
- ___ MEET REQUIREMENTS OF CONTRACT DOCUMENTS
- ___ < 30 lbf. TO BEGIN TO OPEN DOOR
- ___ DESIGN PRESSURE DIFFERENCE ACROSS BARRIER NOT LESS THAN .05 INCH WATER COLUMN IF SPRINKLERED, NOT LESS THAN .10 INCH WATER COLUMN IF UNSPRINKLERED
- ___ SMOKE DETECTOR WITHIN 10' OF ENTRANCE TO SMOKE

ENCLOSURE (101:7.2.3.10.1)

- ___ DISCHARGE INTO PUBLIC WAY, OR 2 HOUR RATED EXIT PASSAGWAY WITH NO OTHER OPENINGS (101:7.2.3.5)
- ___ OWNER'S MANUAL & INSTRUCTIONS (92A:4-3.8)

FIRE EXTINGUISHERS:

- ___ TAGGED (4A-21.240)

L.P. GAS

- ___ LABELED: FLAMMABLE AND LP GAS (1:21-2.1.10.1)
- ___ NAME & ADDRESS OF SUPPLIER ON TANK (1:21-2.1.10.3)
- ___ TOTAL CAPACITY < 125 GAL WATER CAP. NO MIN. DIST.
 - 125 TO 500 = 10' MIN DIST
 - 501 GAL WATER CAPACITY SEE NFPA (1:21-
- ___ DISTANCE HORIZONTALLY FROM RELIEF VALVE DISCHARGE TO OPENINGS (windows, etc.) CYLINDERS 3' ASME TANK 5'
- ___ DISCHARGE FROM RELIEF VALVE, VENT DISCHARGE, AND FILLING CONNECTION TO EXTERIOR SOURCE OF IGNITION, OPENINGS INTO DIRECT-VENT APPLIANCES, MECHANICAL
- ___ AIR IN-TAKES, CYLINDER: 10' , ASME TANK: 10' (1:21-3.1.1.1)
- ___ TANK TIE-DOWNS (1:21-3.1.1.6)
- ___ NO ABOVEGROUND TANK LOCATED WITHIN 6' UNDER

FUEL DISPENSING SYSTEMS:

- ___ NFPA MARKING: HEALTH OR REACTIVITY DEGREE 2 OR MORE, OR FLAMMABILITY RATING OF 4
- ___ ANCHORED TO WITHSTAND UPLIFTING (1:28-2.2.4.5)
- ___ PROTECTED FROM VEHICLE COLLISION (1:28-2.2.4.5)
- ___ TANK VENTING 12' ABOVE GROUND LEVEL (1:28-2.2.4.5)
- ___ ENCLOSED CHAIN LINK FENCING (30A:2-4.7.1) *
- ___ DISPENSING DEVICE LOCATED 20' FROM IGNIT. SOURCE(30A:4-1.2)
- ___ LISTED HOSE BREAKAWAY DEVICE ON HOSE (1:28-2.4.2.7)
- ___ LISTED AUTOMATIC CLOSING NOZZLE (1:28-2.8.1)
- ___ EMER. SHUT OFF, ATTENDED < 100' FROM DISPENSER TANK(58:3.2.9.1 (B))
 - ___ UNATTENDED: > 20', <100' FROM DISPENSER (1:28-2.8.4.5)(1:28-2.8.5.3)
 - ___ OPERATING INSTRUCTIONS CONSPICUOUSLY POSTED (1:28-2.8.2.4.8)
- ___ EMERGENCY INSTRUCTIONS SIGNAGE (1:28-2.8.5.5)
- ___ TELEPHONE (1:28-2.8.5.7)
- ___ 40 BC FIRE EXTINGUISHER < 100' OF EACH PUMP (1:28-2.8.8)
- ___ WARNING SIGNS (1:28-2.8.9)
- ___ FIRE LANES:
 - ___ MINIMUM 20' WIDE (1:3-5.2)
 - ___ MINIMUM 14' VERICAL CLEARANCE (1:3-5.2)
 - ___ TURNAROUND IF DEADEND > 150' (1:3-5.2)
 - ___ MINIMUM CENTERLINE RADIUS - 50' (1:3-5.2)
 - ___ NO CLOSER THAN 10' OR FARTHER THAN 30' FROM BUILDING

- ___ POWERLINES OVER 600 VOLTS (1:21-3.1.1.6)
- ___ ARE BALLRDS REQUIRED TO PREVENT DAMAGE BY VEHICLE? (58:3-2.4.1)
- ___ ABOVEGROUND TANKS MUST BE PAINTED (58:3-2.4.1)
- ___ NOT MOUNTED > 5' ABOVE GROUND (58:3-2.4.2)
- ___ U-G TANK LISTED FOR U-G INSTALLATION (58:3-2.4.8)
- ___ SHELL MIN. 6" BELOW GRADE
- ___ 18" BELOW GRADE IF SUBJECT TO VEHICLE TRAFFIC (58:3-2.4.8)
 - ___ HOUSING PROTECTED FRON VEHICLE DAMAGE
 - ___ NOTPLACED IN TRAFFIC SPACE (58:2.3.7.1©)
 - ___ BOS NOT PLACING WEIGHT OF VEHICLE ON
- ___ CANOT BE A-G/UG TANK, MUST BE RATED U-G ONLY
- ___ IF A-G/U-G TANK USED U-G, MAX. 12" BELOW GRADE (58:3-2.4.8)
- ___ NO DAMAGE TO PROTECTIVE COATING (58:3-2.4.8)
- MEZZANINE: * = EXCEPTIONS**
- ___ MUST BE < 1/3RD OF THE OPEN SPACE OF ROOM * (101:8.2.6.2)
- ___ SHALL BE OPEN AND UNOBSTRUCTED TO ROOM LOCATED IN *
 - ___ WALLS < 42" HIGH
 - ___ OR OCCUPANT LOAD < 10 * (101:8.2.6.3)
- ___ BUSINESS OCCUPANCY
 - ___ SINGLE MEAN OF EGRESS
 - ___ OCCUPANT LOAD < 30
 - ___ OR COMMOM PATH OF TRAVEL < 75' UNSPR., 100' SPR. (101:38.2.4.2)

03/03/07