



# TRI-COUNTY HOUSING AUTHORITY LANDLORD FORUM

NSPIRE - V REFERENCE BOOK

2024

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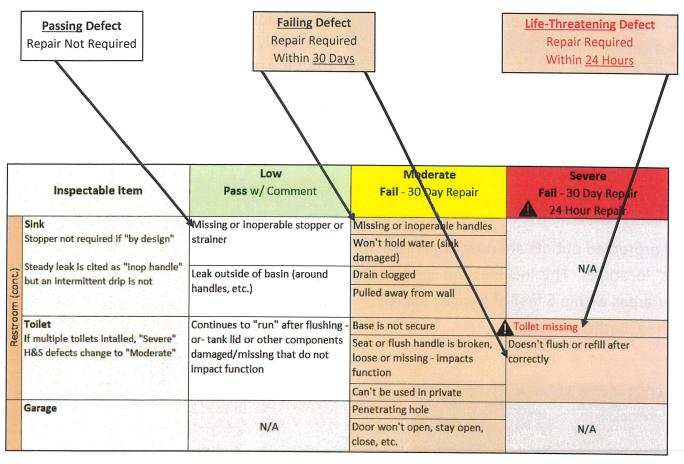
# **Definition of NSPIRE-V Inspection Areas**

Housing Choice Voucher (HCV) National Standards for the Physical Inspection of Real Estate (NSPIRE-V) is the replacement for the Housing Quality Standards (HQS) and must take effect for all Housing Authorities administering the HCV Program no later than October 1, 2024.

NSPIRE-V divides the inspection into three distinct areas: Outside, Inside, Unit.

- Outside is comprised of the building exterior, building system, and the site.
  - Building Exterior includes siding, foundation, roofing, etc.
  - Building System covers electrical and fire extinguishers
  - Site issues embraces signage, fences, tripping hazards, etc.
- Inside is comprised of common areas, internal build system deficiencies
  - Common Areas include offices, laundry rooms, stairwells, etc.
  - Internal building systems covers HVAC, sprinklers, trash chutes, and issues that are inside a building but not specific to a unit.
- Unit refers to the interior components of an individual unit.

# **Understanding the Charts**



In the left column is the Inspectable Item. In the following three columns, indicate the deficiency type: Low, Moderate, and Severe. "Low" is a deficiency that is noted, but is still a "pass". Any deficiencies identified as a "Moderate" and/or "Severe", will fail the inspection. Deficiencies indicated in the "Severe" column and in red font must be repaired within 24 hours. To assist you, deficiencies that must be repaired in 24 hours are also annotated with a symbol of an exclamation point encased in a triangle.

# **HUD Required Correction Timeframes for Identified Deficiencies**

Advisory/Low: N/A

Moderate: 30 Days

Severe: 30 Days

· Life Threatening: 24 Hours



Identifies a "Life Threatening" Issue constituting a 24-Hour Repair



Litter (Outside/Inside)

Litter includes "trash" that has been discarded incorrectly (thrown on ground, stored improperly, etc.) as well as large items such as mattresses, tires and more.

# GFCI (Outside/Inside/Unit)

GFCI protected outlets are now required at all "wet" locations. This includes the exterior and other areas within 6 feet of a water source (kitchen, bathrooms, etc.).



# Unshielded Wires (Outside/Inside/Unit)

Any exposed wire (not inclusive of low-voltage) that is not properly shielded from the residents is a 24-hour deficiency. This includes insulated wires not encased in proper jacketing or conduit.

# Electrical Repair (Outside/Inside/Unit)

All repairs made within electrical systems must be completed with UL Listed material. No caulking or other "foreign" material is allowed.



		OUTSIDE D	)eficiencies	
	Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  1 24 Hour Repair
Appeal	Litter	10 small items(food wrapper, paper, etc.) noted within 100sf area Any large item discarded incorrectly (furniture, etc.)	N/A	N/A
Doors	Garage	N/A	Any size penetrating hole noted  Door won't open, stay open or close correctly (includes auto open, if installed)	N/A
ď	General Does not include "Entry" or "Fire" doors	N/A	Hardware or surface damaged, inoperable or missing that impacts function	N/A
	Enclosures Exterior disconnects junction or timer boxes, etc.	N/A	Service/breaker panel is blocked or difficult to access	Water intrusion, rust or foreig substance over components  Damaged breakers  Foreign material (non-UL liste material) used for repair
Electrical	Outlets / Switches & GFCI See page 24 for the GFCI requirement "No longer safe" = burn marks, physical damage, etc.)	N/A	N/A	GFCI/AFCI inoperable GFCI missing where required Ungrounded or incorrect wirin noted Outlet not energized Outlet/switch damaged - no longer safe
	Electrical / Wires or Conductors Does not include low voltage Unshielded wires including damaged conduit and sheathing Missing covers/globes only applies to wall-mounted	N/A	N/A	Damaged or missing cover (includes wall mounted lights Missing knockout Open breaker port >1/2" gap noted Exposed wire nuts Unshielded wires noted (damaged covering)



# Guardrail (Outside/Inside/Unit)

Required for elevated heights of 30 inches or more. Examples; porches, patios, stoops, retaining walls with walkways above, etc. Rail must be at least 30 inches tall. Only citable in areas where residents have access.

# Sprinkler Assembly (Outside)

Heavy blockage on exterior sprinkler heads (paint, dust, animal nest, etc.) will create a hazard that must be mitigated within 24 hours.



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# Fire Extinguisher (Outside/Inside/Unit)

Non-chargeable extinguishers are only acceptable for 12 years from the manufacturers date noted on the extinguisher. After which, it is considered "expired". This only applies to property owned disposable extinguishers.

# Sharp Edge (Outside/Inside/Unit)

Only recordable if within the normal path of travel and the hazard is severe enough to likely require treatment from a medical professional.



,	OUTSIDE	Deficiencies	
Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  124 Hour Repair
Chimney Fireplace or wood-burning stove	N/A	N/A	Chimney/flue or firebox damaged / unsafe Structural failure noted (leaning, etc)
Egress	N/A	N/A	Exit point is obstructed - locked gate, debris, etc.
Exit Signs Test battery for 30 seconds (if applicable) Signs should remain lit for 90 minutes in case of power loss	N/A	N/A	Obscured from view (decor, plants, etc.) Not securely attached Missing where evidence or previous install No illumination (either
Fire Escapes	N/A	N/A	Test button inop Stairs, ladder, platform or
Fire Extinguisher	N/A	N/A	handrails are damaged/missing Under/over charged
A 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Missing with evidence of prior installation Rechargeable: Missing or
	N/A	N/A	expired tag Damaged (impacting function Disposable: Extinquisher >12 years old
Flammable & Combustible Items Gasoline, etc. near open flame or heat source, etc.	N/A	N/A	Flammable/combustible item within 3 feet of ignition source (furnace, heater, etc.)
Sprinkler Assembly "Foreign material" citable if covering 75% of the assembly or bulb (includes heavy dust, paint, etc.)	N/A	N/A	Obstructions placed within 18" of head Significant paint/foreign material covering 75%
Corrosion issue does <u>not</u> include escutcheon			Escutcheon / concealed cover plate missing Assembly damaged or corroded
Guardrails Required for elevated heights of 30 inches or more - rails must be at least 30 inches tall	N/A	N/A	Guardrail is missing where required Incorrect height Missing or loose components
Infestation Empty traps are not citable	N/A	Evidence of <u>rats</u> (droppings, burrows, chewed holes, etc.)	impacting function  N/A
Infestation Empty traps are not citable Sharp Edges Only recordable if in normal path of travel	N/A	N/A	Sharp edge noted (likely to require professional medical treatment)



# Address and Signage (Outside)

Properties and buildings must be identified adequately to allow first responders to quickly locate the property and the individual buildings.

# Dryer Vent (Outside)

If the dryer vent is clogged, blocked, or anything restricting airflow (lint, bird's nest, etc.), a "severe" health and safety defect will be cited requiring repair within 24 hours.



# **Retaining Wall** (Outside)

Inspectable retaining walls must be a minimum of 24 inches tall and does not include simple raised gardens and planters.

# **Erosion** (Outside)

Erosion is recordable as a defect only if severe enough to expose the footer or potentially compromise the integrity of a structure or hardscape.



		Low	Moderate	Severe
	Inspectable Item	Pass w/ Comment	Fail - 30 Day Repair	Fail - 30 Day Repair  24 Hour Repair
	Lead-based Paint Properties constructed pre-1978, all structures are assumed pre- 1978	N/A	<20 sf of deterioration (chipping, cracking, chalking, etc.)	>20 sf of deterioration (chipping cracking, chalking, etc.)
	Guttering Component = downspout, elbow,		Debris limiting the drain or gutter	
	gutter, etc.  Splashblocks have been omitted	N/A	Gutter component missing or not securely attached	N/A
B AL EG	from the inspection standards		Gutter component damaged and impacting function	
9	Roofing Material		25 sf of ponding noted	
200		N/A	Damage/missing roofing exposing substrate	N/A
	Soffit/Fascia Missing vents are 'penetrating	N/A	Penetrating holes noted in soffit, fascia or roof deck	N/A
	holes'		Damage causing instability	
	Address & Signage	N/A	Address signage near entrance is broken, blocked or illegible	N/A
		A thorn service and continued to the continue of the continue	Building ID signs are blocked, broken or illegible	
	Dryer Vent	Missing or damaged cover noted	N/A	Vent is blocked/clogged (lint, nest, etc.)
	Erosion Under Structures Structure = foundations, fences, walks, retaining walls, etc.	Erosion causing footer or support exposure or erosion >2 ft away and depth or erosion ≥ than distance to structure	N/A	N/A
	Fences   Security Provides protection from heights,		Hole(s) effecting 20% of single section	
	pools, utilities, etc.	N/A	Gate latch/lock inoperable	N/A
ш.	Section = area between 2 consecutive posts		Failing post(s) allowing for lean or instability	und accompany districts
	Foundation		Damaged/missing vent Crack >1/4" x 12"	Possible structural concern note
1			Exposed rebar noted	
		N/A	Spalling/flaking noted - 12" x 12" x 3/4" deep	
			Rot/damage noted to post, girder, etc.	
	Retaining Walls Minimum of 24" tall and doesn't include planters	N/A	Leaning from fill side or portion collapsed	N/A
1	Structural Defects Walls, roofs, columns,	N/A		Any structural member appearing in danger of



# Security Fencing (Outside)

By definition, a security fence provides a barrier for the safety of residents, prevents property damage, theft or injury, and will be <u>fully</u> enclosed with capability of locking and must be at lease 48" tall.

# Leaks and Wastewater (Outside/Inside)

In addition to visually ensuring the cap is present and not damaged, the inspector is also instructed to touch/ tap cap to ensure it is secure.



Sidewalks (Outside)

Sidewalks, walkways, and/or ramps require "clear path of travel". Be sure to check for overhanding vegetation and other obstructions that limit conditions.

# Handrails (Outside/Inside/Unit)

At lease one handrail is required for each continuous run of stairs/steps with four or more risers. Two handrails are required for ramps if their length is greater than 72 inches or rise is greater than 6 inches. Additionally, rails must be



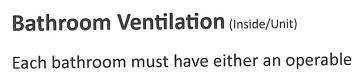
"reasonably grasped" and be 28" to 42" tall.

		Company of the control of the contro	Deficiencies	
	Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
cont.)	Wall Coverings Structured failure evident by out of plumb doors, large cracks, etc.	i hajing labb basing a matim apar habiba	≥1 sq ft material missing  Any size hole penetrating to interior	
Structures (cont.)	>1 sq ft of "missing" is cumulative per wall	N/A	Covering is not "functionally adequate"	N/A
itru			Structural failure	
<i>U</i> 1			10 sq ft of peeling paint on single wall (post-1978	
	Leaks and Wastewater	Leak noted at hose bib, irrigation or fire suppression system	Sewer cleanup cover missing or damaged (includes riser)	Evidence of gas, propane, oi leak Sewage backed up
L/S	Lighting		Missing with evidence of previous installation	
Utilities		N/A	Damaged and impacts function  Not securely attached or pole is unstable	
	Site Drainage	Evidence of clogged drains (culvert, swale, ditch, etc.)	Provided grate/cover no longer secure or missing	N/A
	Water Heater - See Page 20-21	N/A	N/A	N/A
	Handrails	where needed <u>without</u> evidence of previous	Handrail loose	
	Two rails required for ramps		Missing with evidence of previous install	N/A
		installation	Incorrect installation	
	Parking Lot Only includes owned lots		At least 1 pothole 4" deep and 1 sf diameter	
		N/A	>3" of ponding covering ≥5% of parking	N/A
ng	Roads/Drives Only includes owned road	N/A	At lease 1 pothole 4" deep and 1 sf diameter	Access to property is blocked/impassable
and Parking	Walks & Ramps Watch for vegetation "blocking"	N/A	Blockage creating a lack of clear travel	
vy diks ar	walks	N/A	Not functional (severely damaged)	N/A
,	Stairs and Steps		Missing tread	that shows a second
			Loose/unlevel tread	
100 miles 200 mi		N/A	Nosing damage >1" deep or 4" wide	N/A
			Stringer damaged (rot, severe rust, cracks, etc.)	
	Trip Hazard		3/4 inch vertical deviation	
	Abrupt change in normal path of travel - do not consider engineered designs defective	N/A	2-inch horizontal separation	N/A



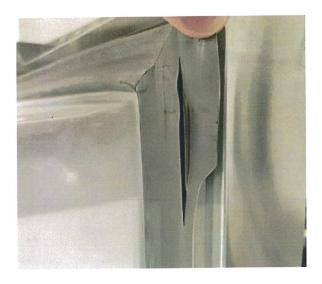
# Tripping Hazard (Outside/Inside/Unit)

A vertical rise of ¾" or a horizontal separation of 2" would constitute a trip hazard. However, if the rise or gap is 'by design (a raised manhole, a grate designed in a sidewalk, etc.) it would not be recorded.



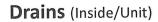
exhaust fan or a window.





# Refrigerator (Inside/Unit)

Any "damage" that impacts function will now be recorded as defective. Issues including, but not limited to, missing or damaged handle, broken or missing shelves/door guards, etc.



For sinks and bathtubs, <u>slow</u> drains are not defects. Only completely clogged drains will be cited.



	INSIDE D	eficiencies	
Inspectable Item	Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
Bath Ventilation Either mechanical or passive	N/A	Inop or missing and no window present Missing or damaged vent cover	N/A
Cabinets	N/A	50% of cabinets or components missing/damaged/inop	N/A
Countertops Kitchen only	N/A	No food prep area ≥10% of top has exposed substrate	N/A
Dryer Vent Includes both gas and electric dryers Properly filled "trap box" allowed on electrical dryers	N/A	N/A	Non-metal duct utilitized  Vent missing, detached or damaged  Improvised vent filter (cloth, sock, stocking, etc.)
Grab Bars - Bathroom only	N/A	Slightly loose	Kink restricts flow
Refrigerator	N/A	Not cooling adequately Seal sagging, torn or	N/A
	N/A	detached impacting function Component damaged or missing (handle, drawers, etc.) impacting function	N/A
		Missing	
Kitchen Ventilaton Does not include self- circulating fans	N/A	Filter missing or damaged  Vent is inoperable or part or/fully blocked	N/A
	ar hazacija za Laba	Exhaust duct not securely attached or missing	
Range / Oven POA can relight pilot if micorwave is primary cook source and damaged or inop this is a severe defect	1 burner or more (or oven) not producing heat	Component missing (knob, grate, oven seal, etc.)	N/A
Shower/Tub & Harware  If unit has multiple tubs or  showers, "Severe" H&S defects  change to "Moderate"	Component (stopper, curtain, etc.) damaged or missing and does <u>NOT</u> impact function	Component (diverter, head, handle, door, etc.) damaged and impacts function	Tub/shower is inoperable
	<50% discoloration	>50% discoloraton	Drain fully clogged
		Shower or tub can't be used in private	or supplied and the



# Toilet (Inside/Unit)

Toilet bases that aren't secure or toilets that continue to "run" after flushing must be repaired within 30 days.

# Egress (Inside)

Double cylinder deadbolt locks are not allowed on any "exit" doors. Additionally, all doors (and windows) utilized for egress must open "fully".



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# Fire Door (Inside/Unit)

If a door a fire rated tag is missing, and at least one other door along the same egress path has a fire label, then the inspector will treat this door as "fire rated". If non-sampled unit firerated entry doors have noticeable damage, the defect will be cited under "Inside" as opposed to "Unit".

# Electrical / Enclosure (Inside/Unit)

Any missing knockouts or 'foreign' material used for repairs will be considered defective as will severe rust noted inside the enclosure.



		INSIDE Def	iciencies	
	Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
(cont.)	Sink Stopper not required if "by design"  Steady leak is cited as "inop handle" but an intermittent drip	Missing or inoperable stopper or strainer  Leak outside of basin (around handles, etc.)	Missing or inoperable handles Won't hold water (sink damaged) Drain clogged Pulled away from wall	
Restroom (cont	is not Toilet	Continues to "run" after flushing	Base is not secure	T-il-t
Rest	If multiple toilets intalled, "Severe" H&S defects change to "Moderate"	or- tank lid or other components damaged/missing that do not impact function	Seat or flush handle is broken, loose or missing - impacts function	Toilet missing  Doesn't flush or refill after  correctly
	Garage		Can't be used in private	
	datage	N/A	Penetrating hole  Door won't open, stay open, close, etc.	N/A
	General Includes all doors except "Fire" and "Entry" Includes hardware/surface	Inoperable/missing or damage compromises privacy	Passage door won't open	N/A
	Fire Rated Includes only doors with fire rated tag		POST 6 102 - 0162 2 1810	Hardware inop/missing or door won't latch or open
				Self-closure inop
	Repairs to fire doors must include manufacturer's documentation	N/A	N/A	Any size hole noted
Doors	If door has 25% of surface	IVA	N/A	Assembly damaged (glass, frame, etc.)
å	showing signs of "rust", a			Door propped open
	"Severe" defect will be cited			Seal damaged/miss
	Entry Includes non-fire rated entry doors	Secondary latch/lock or other non-impacting issues (deadblot, strike plate, etc.)	≥1/4" crack or hole penetrating through door or frame	Missing fire door  Door missing
	Entry door repairs must be made with "equivalent" material		Self-closing harware or lock missing/inop	Door won't close (hits frame)
	If seal is defective on door from unit to other interior space (like high rise unit doors), the defect is "Low"	Door glass damaged (cracked, flogged, etc.)	Delamination >2" Seal miss/damaged with >1/4" gap or evidence or moisture penetration Frame/trim damaged impacting function	
	Enclosures "Foreign material" is material that isn't UL Listed	N/A	Service/breaker panel is blocked or difficult to access	Water intrusion, rust or foreign substance over breakers/fuse Damaged breakers
Electric	Outlets / Switches & GFCI/AFCI See page 24 for outliet/GFCI requirement  An ungrounded 3-prong outlet that is GFCI protected is not a defect	N/A	N/A	Foreign material used in repair GFCI/AFCI inop GFCI missing Ungrounded/incorrectly wired outlet Outlet not energized Outlet /switch is damaged - no longer safe



# Foundation (Inside)

Evidence of water infiltration (water stains, efflorescence, etc.) is a citable defect requiring repairs be made within 30 days.

# Electrical Gaps (Inside/Unit)

Gaps in panels can be caused by the breaker bank settling, wrong size cover replacement, missing garbage disposal/water heater stress clamps, etc. For the gap to be recorded, it must be ½ inch. Any gap in electrical devices short of this size is not a recordable defect within NSPIRE-V.



# Dryer Vent (Inside/Unit)

Detached dryer vents in a community laundry room or in an apartment is a significant defect requiring repair within 24-hours. Although lint on the wall is not a defect, it is an indication there may be a defect causing an inspector to look closer.

# **Auxiliary Lights** (Inside)

Auxiliary lights must work fully and cannot be missing. Also, any damage impacting its function is a defect. If your auxiliary lights are combined as part of an exit sign, auxiliary lights will be inspected as a component of the exit sign.



		INSIDE [	Deficiencies	
Inspe	ctable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
Unshielded damaged co or missing s	nductors clude low voltage wires including onduit and sheathing smoke detectors ers/globes only vall mounted	N/A	N/A	Damaged or missing cover (includes wall mounted lights) Missing knockout Open breaker port >1/2" gap noted Exposed wire nuts Unshielded wires noted (damaged covering) Water in contact with conductors
Floor Drain		N/A	Standing water in contact with existing drain	N/A
designed fo	HVAC Heat source must be self-fueled, designed for interior use and be permanently installed	t source must be self-fueled, inoperable gned for interior use and be	Between Apr 1 & Sep 30 heat inoperable	Between Oct 1 & Mar 31 heat inoperable  Heat working but can't maintain 68 degrees  Flue is misaligned or restricted/holes  Combustion chamber cover missing  Gas shut off valve
Leaks and W Infrared can meters can I	neras and moisture		Plumbing leaks noted into unintended areas (includes sprinklers)	damaged/missing Unvented fuel burning heater Evidence of gas, propane/oil lead at main, applicance, etc.
		N/A	Environmental water intrusion  Cleanout cover damaged or	Sewage leak Sewage backed up
Light Fixture POA can cha	es nge bulbs if needed	N/A	Fixture inoperable Permanent fixture not present in bath and kitchen Fixture not securely mounted	N/A
are not subj	oiped through wall ect to the 2"-6" from quirement e not required for listing of	N/A ,	TPR discharge pipe is less than 2" or more than 6" from floor or top of waste receptor/floor	TPR valve leaking  TPR discharge pipe is incorrect material  TPR valve blocked - cannot fully actuate  TPR discharge pipe has upward slope or is damaged or capped  No hot water noted  Flue misaligned/blocked  Gas shut off valve



# Exit Signs (Inside/Outside)

A new NSPIRE defect to watch for is a simple loose exit sign. Although extremely common in hallways, it is a life-threatening concern that must be corrected within 24 hours.

# **Call-For-Aid** (Inside/Outside)

The pullcord needs to reach to within 6" off the floor at a minimum. So, whether it's designed incorrectly and doesn't reach, or the resident ties it up (or blocks the proper use by furniture), it is a 24-hour fail item.





Fire Sprinklers (Inside/Outside)

Fire sprinklers cannot have any items stored within 18" of the head. This obstruction is a 24-hour fail item.

,	INSIDE De	ficiencies	
Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
Carbon Monoxide Detector See page 28 for additional details	N/A	N/A	Missing detector  Detector obstructed (paint, tape, etc.)
Smoke Detector See page 28 for information on proper locations	N/A	N/A	Detector inoperable  Missing/not installed  Inoperable  Detector obstructed (paint, tape, etc.)
Chimney	N/A	N/A	Chimney/flue/firebox no longer
Exit Signs Test battery for 30 seconds (if applicable)	titaniania egist	Harris Andreastry is a	Obscured from view (décor, plants, etc.)  Not securely attached
Signs should remain lit for 90 minutes in case of power loss	N/A	N/A	Missing where evidence of previous install
			No illumination (either internal or adjacent)  Test button inop
Egress Not allowed: -Double cylinder deadbolts on exit doors	N/A	N/A	Egress point from room or building is limited or blocked
Fire Extinguisher	N/A	N/A	Under/over charged  Missing with evidence of prior installation  Rechargeable: Missing or expired tag  Damaged impacting function  Disposable: Extinguisher >12
Flammable & Combustible Items Heat source = wall heaters, fuel- burning water heaters, etc.	N/A	N/A	years old  Flammable/combustible items within 3 feet of heat source  Petroleum product (gas, propane, etc.)
Sprinkler Assembly "Foreign material" citable if covering 75% of the assembly or bulb (includes heavy dust, paint, etc.)  Corrosion issue does not include escutcheon	N/A	N/A	Obstructions placed within 18" of head Significant paint/foreign material noted on 75% of assembly Escutcheon / concealed cover plate missing Assembly damaged or corroded
Auxiliary Lights	N/A	N/A	Missing or inoperable
Call-For-Aid Wireless system not inspected	N/A	N/A	Sound/light inoperable or indicates wrong room  Pull cord missing or >6" from  System/cord blocked



# Lead-Based Paint (Inside/Unit)

If the property was constructed prior to 1978, the inspector will assume that all painted structures are also pre-1978 and subject to lead-based paint rules. Every common area and every unit are subject to separate defect recordings. Most lead-based

paint defects trigger the need for lead safe work practices (LSWP) by a certified renovation firm and will require passing a clearance examination. Within the HCV program (tenant based), only units housing children under the age of 6 is subject to this defect.

# **Doors** (Inside/Unit)

Interior doors are not split between "passage" and "non-passage". Passage doors are those that lead from one room to another while non-passage are closet type doors.

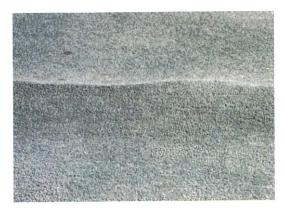




**Lights** (Inside/Unit)

Fixtures that aren't securely attached to ceiling/wall will create a defect that must be corrected within 30 days. Additionally, assuming there are no sharp hazard issues, globes aren't inspectable.

		INSIDE D	eficiencies	
	Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
	Guardrails Required for elevated heights of 30 inches or more	N/A	N/A	Guardrail is missing where required Guardrail too short Missing/loose impacting function
	Handrails Two rails required for ramps See page 8 for more info	Handrail is missing where needed without evidence of previous installation	Handrail loose  Missing <u>with</u> evidence of previous install Incorrect installation	N/A
ont.)	Infestation Evidence = droppings, eggs, etc., but empty traps are not citable	N/A	Evidence of roaches Evidence of bedbugs Evidence of mice/rats Evidence of other pests (ants, bees, etc.)	Extensive infestation (1 live <u>rat</u> seen within building)
al Safet	all structures are assumed pre-	N/A	Large surfaces: ≤2sf of paint deteriorating - per room  Small surfaces: ≤10%	Large surfaces: >2sf of paint deteriorating - per room  Small surfaces: >10%
9	Large surfaces are walls, doors, ceilings. Smaller surfaces are trim, etc.	de la compessió	deterioration - per component	deterioration - per component
	Mold-Like Substance	Elevated moisture levels notes	>1 sq foot noted	>9 sq feet noted
	Sharp Edges	>4sq inches noted N/A	N/A	Sharp edge noted (likely requir professional medical treatmen
	Trip Hazard Abrupt change in normal patrh of travel - do not consider engineered designs defective	N/A	3/4 inch vertical deviation  2-inch horizontal separation	N/A
	Ceilings Includes ceiling tiles	N/A	Unstable surface noted (deflection, etc.)  Hole noted (>2" diameter)	Ceiling not functionally adequate (large section missing, etc)
and Finish	Walls	N/A	>2" hole or cumulative holes in one wall >6"x6" Any size hole penetrating into adjoining space Detached covering	N/A
-	Floor Covering & Finish "10%" is per room	N/A	≥10% of flooring missing - exposing substrate Floor structure sloped, rotted (not functionally adequate)	N/A



Trip Hazard (Inside/Unit)

Likely caused by unstretched carpet or extension/TV/phone cords that are not taped to the floor.

# Trash Chute (Inside)

If the chute door doesn't close AND latch without assistance, a "Moderate" health and safety defect will be recorded.



# Water Heater (Inside/Unit)

TPR discharge pipes must be no further than 6 inches from floor/pan but no closer than 2 inches. These discharge pipes must also be constructed of an "approved" material.

# **Approved TPR Discharge Material List:**

- Chlorinated polyvinyl chloride (CPVC) plastic pipe/tubing
- Copper pipe
- Cross-linked polyethylene (PEX) plastic tubing
- Ductile iron
- Cross-linked polyethylene/aluminum/high-density
- Polyethylene ((PEX-AL-HDPE) pipe
- Polyethylene (PEX-AL-PEX) pipe
- Galvanized steel pipe
- Polyethylene/aluminum/polyethylene (PE-AL-PE) pipe
- Polypropylene (PP) plastic pipe or tubing
- Stainless steel pipe (type 304 or 316)

		eficiencies	
Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  1 24 Hour Repair
Foundation (Basement)		Evidence of water penetration	Possible structural concern
		Crack ≥ 1/4" x 12"	noted
		Exposed rebar noted	
	N/A	Spalling/flaking noted - 12" x 12" x 3/4" deep	
		Rot/damage noted to post, girder, etc.	
Stairs and Steps		Missing tread	
		Loose or unlevel tread	
	N/A	Nosing damage >1" deep or 4" wide	N/A
		Stringer damaged (rot, severe cracks, etc.)	Maria de contrata acta
Elevator		Inoperable	
If miltiple elevators are present, ALL must operate		Door does not fully open on each floor	
	N/A	>3/4" height difference between cab and floor	N/A
		Safety reverse inoperable	
		Certificate expired or	
		unavailable	
Litter	N/A	10 small items (food wrapper, paper, etc.) noted within 100sf area	N/A
		Any large item discarded incorrectly (furniture, etc.)	
Structural Defects Walls, floors, ceilings, beams, columns, etc.	N/A	N/A	Any structural member appearing in danger of collapse/failure
Trash Chute	N/A	Self-closure or latch inoperable	N/A
		Trash in chute	
Window Each window needs at least 1		Missing screen or damaged 1" or larger	Window will not close
operable lock "Fogging" is <u>not</u> a defect	N/A	Pane/sash is missing or damaged (cracks, weatherstrip, etc.)	
Aftermarket locks are allowed (if		Lock inoperable	
attached to window/frame) - sticks are not suitable primary		Will not open or stay open	



# Dryer Vent (Inside/Unit)

If the residents are utilizing an improvised filter (stocking, cloth, sock, etc.) at the end of the vent, a 24-hour defect will be cited. Additionally, a non-metal duct or any type restriction or kinking will trigger a 24-hour fix.

Grab Bars (Inside/Unit)

In the bathroom, grab bars are not required. However, if present they must be secure.



# Cooking Range (Inside/Unit)

POA is allowed to relight pilot lights (not to include electric ignitors). The oven must have at least one rack present.

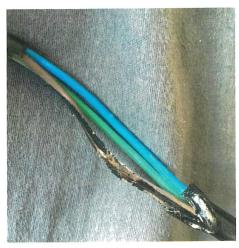


# Kitchen Ventilation (Inside/Unit)

Only "exhaust" fans providing ventilation are inspectable (ones that remove air from kitchen area). Fans that only circulate air are not part of the NSPIRE-V inspection.



	UNIT D	eficiencies	
Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
Bath Ventilaton Either mechanical or passive	N/A	Inop or missing and no window present  Missing or damaged vent cover	N/A
Cabinets	N/A	Obstruction noted  50% of cabinets or components missing/damaged/inop No food storage area	N/A
Stairs and Steps Kitchen only	N/A	No food prep area ≥10% of top has exposed substrate  Not functionally adequate (can't be sanitized, etc.)	N/A
Dryer Vent Includes both gas and electric dryers Properly filled "trap box" allowed on electric dryer	N/A	N/A	Non-metal duct utilized  Vent missing, detached or damaged Improvised vent filter (cloth, sock, stocking, etc.)  Kink restricts flow
Grab Bars - Bathroom only	N/A	Loose (even slightly)	N/A
Refrigerator	N/A	Not cooling adequately Seal sagging, torn or detached impacting function Component damaged or missing (handle, drawers, etc.) impacting function	N/A
		Missing appliance	
Kitchen Ventilation Does not inlude self circulating fans	N/A	Filter missing or damaged  Vent is inoperable or part or/fully blocked	N/A
		Exhaust duct not securely attached or missing	
Range / Oven - If microwave is primary cook source and	Stope I designation	1 burner or more not producing heat	100% of burners or oven not producing heat
damaged or inop this is a severe defect POA can relight pilot Component = knob, grate, etc.	N/A	Component missing Appliance missing	
Shower/Tub & Hardware If unit has multiple tubs or showers, "Sever" H&S defects change to "Moderate"	Component (stopper, curtain, etc.) damaged or missing and does <u>NOT</u> impact function	Component (diverter, head, handle, door, etc.) damaged and impacts function	Tub/shower is inoperable Drain fully clogged
	<50% discoloration	>50% discoloration Shower or tub can't be used in private	



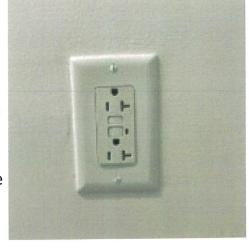
# Unshielded Wires (Outside/Inside/Unit)

Any exposed wire (not inclusive of low-voltage) that is not properly shielded from the residents is a 24-hour deficiency. This includes insulated wires not encased in proper jacketing or conduit.

GFCI (Inside/Unit)

GFCI protection required at outlets within 6 feet of open water sources (within the same room). Distance is measured from the center of water source to outlet (sink, tub, shower, toilet).

Outlets within 6 feet of a water source that <u>do not</u> require protection: 1) Outlets "dedicated" for a major appliance (refrigerator, stove, etc.) 2) Outlets located below the countertop and enclosed in a cabinet. 3) Outlets that are technically in a different room. A "dedicated" outlet is a receptacle only capable of serving that specific appliance (not a duplex outlet).





# Electrical / Enclosure (Inside/Unit)

Residents can hang lightweight items over the breaker/panel box. Things like pictures, calendars and other easily removed items (rolling carts, etc.) are not considered defective.

	UNIT De				
Inspectable Item Pass w/ Comment		Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair		
Sink Stopper not required if "by design" Steady leak is cited as "inop handle" but an intermittent drip is not	Missing or inoperable stopper/strainer	Missing or inoperable handles			
	Leak outside of basin (around handles, etc.)	Won't hold water (sink damaged)			
		Drain clogged Pulled away from wall			
Toilet	Continues to "run" after		Toilet missing		
If multiple toilets installed, "Severe" defects change to "Moderate"	flushing -or- tank lid or other components damaged/missing that do not impact function	loose or missing - impacts	Doesn't flush or refill correctly		
	impact function	Can't be used in private			
Garage		Penetrating hole			
	N/A	Door won't open, stay open, close, etc.	N/A		
General Includes all doors except "Fire" and "Entry" includes hardware/surface	Inoperable/missing or damage compromises privacy	Passage door won't open	N/A		
Fire Rated Includes only doors with fire	N/A		Hardware inop/missing or door won't latch		
rated tag			Self-closure inop		
Repairs to fire doors must			Any size hold noted		
include manufacturer's documentation		N/A	Assembly damaged (glass, frametc.)		
			Door propped open		
			Seal damaged/miss		
	Taring Living Williams		Fire door missing		
Entry Includes non-fire rated entry	other non-impacting issues (deadbolt, strike plate, etc.)  Door glass damaged (cracked, fogged, etc.)	≥1/4" crack or hole penetrating through door or frame	Inoperable locking (unable to secure)		
doors			Entry door missing		
Entry door repairs must be made with "equivalent" material  If seal is defective on door from unit to other interior space (like high rise unit doors), the defect is "Low"		Self-closing hardware missing /inoperable	Door won't close (hits frame)		
		Delamination >2"			
		Seal miss/damaged with ≥1/4" gap or evidence of moisture penetration Frame/trim damaged impacting function			
Enclosures - "Foreign material" is material that isn't UL Listed	rial" is d N/A	Service/breaker panel is blocked or difficult to access	Water intrusion, rust, or foreign substance over breakers/fuse		
Does not inlude low voltage			Damaged breakers Foreign material used in repair		
Outlets / Swtiches & GFCI/AFCI See page 24 for outlet/GFCI requirement An ungrounded 3-prong outlet	N/A	N/A	GFCI/AFCI inop GFCI missing Ungrounded/incorrectly wired outlet Outlet not energized		
that is GFCI protected is not a defect		4	Outlet/switch is damaged - no longer safe		



# Light Fixture (Inside)

Fixtures that aren't securely attached to ceiling/wall will create a defect that must be corrected within 30 days. Additionally, assuming there are not sharp hazard issues, globes aren't inspectable.

# Water Heater (Inside/Unit)

TPR discharge pipes must be no further than 6 inches from floor/pan but no closer than 2 inches. These discharge pipes must also be constructed of an "approved" material (see page 20 for complete list of approved piping material.



Egress (Unit)

Sleeping rooms on the bottom three floors require at least two points of egress (typically a door and a window). While the NSPIRE specifically states resident- owned furniture will NOT be cited as "blocked egress", we suggest you continue correcting these issues as our residents aren't well served by us overlooking this situation.

# Fire Extinguisher (Unit)

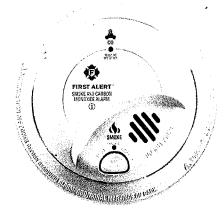
Extinguishers are NOT required in every apartment. They are only recorded as "Missing" if there is evidence of previous installation. Resident owned extinguishers are exempted from inspection.



		UNIT	Deficiencies	
	Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
Electrical (cont.)	Sink Wires & Conductors Does not include low voltage Unshielded wires including damaged conduit and sheathing or missing smoke detectors Missing globe on wall mounted light is included	N/A	N/A	Damaged or missing cover  Missing knockout  Open breaker port  >1/2" gap noted  Exposed wire nuts  Unshielded wires noted (damaged covering)  Water in contact with
	Floor Drain	N/A	Standing water in contact with	conductors N/A
	HVAC Heat sources must be self- fueled, designed for interior use and be permanently installed		existing drain  Between Apr 1 & Sep 30 heat inoperable  Cooling system inoperable	Between Oct 1 & Mar 31 heat inoperable Heat working but can't maintain 68 degrees Flue is misaligned or
	Using an ambient thermometer, measuring the interior air temperature three feet above the floor and two feet from an exterior wall; if apartment cannot maintain 64 degrees, a Life-Threatening defect will be cited			restricted/holes Combustion chamber cover missing Gas shut off valve missing/incomplete Unvented fuel burning heater
	Leaks and Wastewater Infrared cameras and moisture meters can be utilitzed		Plumbing leaks noted into unintended areas (including sprinklers)	Evidence of gas, propane/oil lea at main, appliance, etc.
ties		N/A	Environmental water intrusion Cleanout cover damaged or missing	Sewage leak Sewage backed up
	Light Fixtures - POA can change bulbs if needed Lights in kitchen and bath must be permanent	N/A	Fixture inoperable Permanent fixture not present in bath & kitchen Fixture not securely mounted	N/A
	Minimum Electrical and Lighting Does not include bathroom, closets, hall, laundry, etc.	N/A	Each inhabitable room (living, bed, kitchen) must have 2 outlets or 1 outlet and 1 light.	N/A
	Water Heater Discharges piped through wall are not subject to the 2-6" from floor/pan requirement  Drip pans are not required  See page 20 for listing of approved TPR piping	N/A	TPR discharge pipe is less than 2" or more than 6" from floor or top of waste receptor/floor	TPR valve leaking  TPR discharge pipe is incorrect material  TPR valve blocked - cannot fully actuate  TPR discharge pipe has upward slope or is damaged or capped  No hot water noted
				Flue misaligned/blocked Gas shut off valve damaged/missing

# Carbon Monoxide Detectors (Unit)

All requirements of IFC Sections 915 and 1103 must be met, even though the NSPIRE-V will only "require" certain criteria. Local/state code will take precedence over NSPIRE-V if that code is more protective.

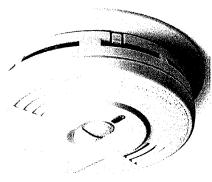


## **UNITS**

- For units service by any fuel-fired (gas, wood, oil, etc.)
   appliance, they must have CO detectors installed within "the immediate area' of sleeping areas.
- CO detector must be installed in units with attached garage (with an opening into unit door, etc.)
- Required <u>inside any sleeping room</u> if a fuel-fired appliance installed directly in bedroom/ attached bathroom.

# **INSIDE / COMMON AREA**

No "requirement" to install in specific inside spaces. However, if there are CO detectors
installed, they will be tested and cited if inoperable or missing with evidence of previous
installation.



# Smoke Detector (Inside/Unit)

**UNITS**: Each level of the unit (and common area) including basement must have a smoke detector as well as a detector in each sleeping room (and outside each bedroom – with 21 feet of each bedroom door). If mounted on ceiling, they should be more than 4" from wall. If mounted on wall, they

should be between 4" and 12" from ceiling. Basement detectors should be installed on the ceiling at the bottom of the stairs leading to the next level. Detectors should not be installed "near" (no closer than 3 feet) windows, doors or vents and no closer than 10 feet of stove/range.

**INSIDE/COMMON AREA**: Must be installed inside (and outside) all "Classrooms" **AND** on every floor level of common area.

	UNIT Def		
Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair
Carbon Monoxide Detector			Missing detector
	N/A	N/A	Detector obstructed (paint, tape etc.)
Smoke Detector			Detector inoperable
"Obstruction" includes tape, paint, etc.	N/A	N/A	Missing/not installed in proper location Inoperable
			Detector obstructed
Chimney	N/A	N/A	Chimney/flue/firebox no longer safe
Floor Drain Not allowed: - Double cylinder deadbolts on exit doors or other locks that require a key/tool - Locked security bars on bedroom egress means	N/A	N/A	Ath Floor & Above - Unit does not have at least one unblocked egress First 3 Floors - Bedroom does not have at least one unblocked egress window -or- bedroom/unitentry doors blocked/won't open
Fire Extinguisher			fully  Munder/over charged
Not required, but if present and owned by property will be inspected			Missing with evidence of prior installation
	N/A	N/A	Rechargeable: Missing or expir tag
			Damage impacts function Disposable: Extinguisher >12 Vears old
Flammable & Combustible Items Heat source = wall heaters, fuel- burning water heaters, etc.	N/A	N/A	Flammable/combustible items within 3 feet of heat source Petroleum product (gas, proparetc.)
Sprinkler Assembly  Foreign material" citable if			Obstructions placed within 18" of head
covering 75% of the assembly or bulb (includes heavy dust, paint, etc.)	N/A	N/A	Significant paint/foreign material noted on 75% of assembly
Corrosion issue does <u>not</u> include escutcheon	ichie auseen Lydenchikes		Escutcheon / concealed cover plate missing
Call-For-Aid			Assembly damaged or corroded
Wireless systems not inspected	0018-1025-28		Sound/light inoperable or indicates wrong room
	N/A	N/A	Pull cord missing or >6" from floor
Guardrails  Required for elevated heights of 30			System/cord blocked
Required for elevated heights of 30 inches or more	N/A	N/A	Guardrail is missing where required Guardrail too short
			Missing/loose impacting function



# Handrails (Outside/Inside/Unit)

One rail is required for 4 or more continuous steps. For ramps that have more than a 6" rise or more than 72" in length, two rails are required. Rails must be between 28" and 42" in height and be "reasonably grasped by hand" in diameter and be continuous from directly above top riser to above the lowest riser.

# Infestation (Outside/Inside/Unit)

"Evidence" of roaches, bedbugs, rodents and other pests constitutes infestation. The inspector can use a mirror and flashlight to search for evidence. An empty trap is not considered evidence.





# Mold-Like (Inside/Unit)

Measurements are cumulative "per room". Additionally, if warped walls or other evidence of high moisture levels are seen, inspectors should utilize moisture meters to measure levels.

			eficiencies		
Inspectable Item		Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair	
	Handrails	Handrail is missing	Handrail loose	24 E-Friodi Repuil	
	Two rails required for ramps	where needed <u>without</u> evidence of previous	Missing <u>with</u> evidence of previous install	N/A	
		installation	Incorrect installation		
	Infestation Evidence = droppings, eggs, etc., but empty traps are not citable	N/A	Evidence of roaches	Extensive infestation (1 live roach, bedbug or mouse	
			Evidence of bedbugs	seen in 2 rooms)	
		14/5	Evidence of mice/rats	Extensive infestion (1 live	
			Evidence of other pests (ants, bees, etc.)	seen)	
0	Lead-based Paint Properties constructed pre-1978, all structures are assumed pre- 1978		Large surfaces: ≤2sf of paint deteriorating - per room	Large surfaces: ≥2sf of paint deteriorating - per room	
	Large surfaces are walls, doors, ceilings. Smaller surfaces are trim, etc.	N/A	Small surfaces: ≤10% deterioration - per component	Small surfaces: >10% deterioration - per component	
	Mold-Like Substance	N/A	>4 sq inches of "mold"	>1 sq foot of "mold"	
			Elevated moisture levels noted	>9 sq feet of "mold"	
	Sharp Edges	N/A	N/A	Sharp edge noted (likely require treatment from medical professional)	
	Trip Hazard		3/4 inch vertical deviation		
	Abrupt change in normal path of travel - do not consider engineered designs defective	N/A	2-inch horizontal separation	N/A	
24.23	Ceilings Includes ceiling tiles	N/A	Unstable surface noted (deflection, sagging, etc.)	Ceiling not functionally adequate (large section	
			Hole noted (≥2" diameter)	missing, etc.)	
	Walls		>2" hole or cumulative holes of >6"x 6"		
SE		N/A	Any size hole penetrating into adjoining space	N/A	
Finishes		and tyles of 147 or equivariant subtraction of 150 for it	Detached covering		
Du	per room	N/A	≥10% of flooring missing - exposing substrate		
Structures	Bare concrete not premitted in living areas Foundation (Basement)		Floor structure sloped, rotted (not functionally adequate)	N/A	
	Foundation (Basement)		Evidence of water penetration	Possible structural concern	
			Crack ≥1/4" x 12"	noted	
			Exposed rebar noted		
		N/A	Spalling/flaking noted - 12" x 12" x 3/4" deep		
			Rot/damage noted to post, girder, etc.		

	UNIT Defi	cienc <mark>i</mark> es		
Inspectable Item	Low Pass w/ Comment	Moderate Fail - 30 Day Repair	Severe Fail - 30 Day Repair  24 Hour Repair	
Stairs and Steps N/A		Missing tread  Loose or unlevel tread  Nosing damage >1" deep or 4" wide  Stringer damaged (rot, severe cracks, etc.)	N/A	
Structural Defects Walls, floors, ceilings, beams, column, etc.	N/A	N/A	Any structural member appearing in danger of collapse/failure	
Window Each window needs at least 1 operable lock		Missing screen or damage 1" or larger	Window will not close	
operable lock  "Fogging" is <u>not</u> a defect	N/A	Pane/sash is missing or damaged (cracks, weatherstrip, etc.)		
Aftermarket locks are allowed (if attached to window/frame) - sticks are not suitable primary locks		Lock inoperable Will not open or stay open		

This pamphlet was created from several sources that you can use for any changes or updates that may occur in the future. The two primary sources for this publication are below:

**US Inspection Group** - the following links have loads of information to assist you in keeping your rental units inspection ready to include any training and/or guidebooks you might want to purchase.

# https://www.usinspectiongroup.com/



**HUD**—There are over 400 inspection standards included under NSPIRE-V. For current data on any deficiency to include a description of the deficiency and the timeframe to correct each deficiency, refer to the HUD URL below:

https://www.hud.gov/program\_offices/public\_indian\_housing/reac/
nspire



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