

TITLE:	WATER	HEATER			
VERSION:	V2.2				
DATE PUBLISHED:	06/23/2	2			
DEFINITION:	A device of	lesigned to ge	nerate and store	ot water for domestic use.	
PURPOSE:	Typical do	mestic uses o	f hot water heate	include providing hot water for	cooking, cleaning, bathing, and space heating.
COMMON COMPONENTS:	and line;	Low-voltage e	•		rrge outlet plumbing connections; Pressure relief valve ontrol module; Flue gas chimney or stack; Gas fired
LOCATION:	\boxtimes	Unit	Mechanical roo	ns, mechanical closets, basement	s, under stairs, kitchens
	\boxtimes	Inside	Mechanical roo	ns, mechanical closets, basement	s, under stairs, kitchens
	\boxtimes	Outside	Back or side y	rd	
MORE INFORMATION:	None				
DEFICIENCY 1:	Temperature p is constructed		. ,	ructed or relief valve discharge	piping is damaged, capped, has an upward slope, or
LOCATION:	🛛 Unit	\boxtimes	Inside	🛛 Outside	
DEFICIENCY 2:	No hot water.				
LOCATION:	🖂 Unit	\boxtimes	Inside		
DEFICIENCY 3:	The relief valv level.	e discharge pi	ping is missing o	terminates greater than 6 inche	s or less than 2 inches from waste receptor flood-
LOCATION:	🛛 Unit	\boxtimes	Inside	🖂 Outside	
DEFICIENCY 4: LOCATION:	Chimney or flu		ocked, misaligned Inside	or missing.	
DEFICIENCY 5: LOCATION:	Gas shutoff va	-	d, missing, or no Inside	installed. 🔀 Outside	



Deficiency I — Unit:		TRUCTED OR RELIEF VALVE DISCHARGE PIPING IS DAMAGED, CAPPED, HAS AN UPWARD SLOPE, OR IS JNSUITABLE MATERIAL.		
Deficiency Criteria:	TPR valve is obstructed such that the TPR valve is unable to be fully actuated. OR			
		rge piping is damaged (i.e., visibly defective; impacts functionality), capped, has an upward slope, of unsuitable material.		
Health and Safety Determination:	Severe Non-Life- Threatening	The Severe Non-Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of permanent disability, or serious injury or illness, to a resident; or the physical security or safety of a resident or their property would be seriously compromised.		
Correction Timeframe:	24 hours			
HCV Pass / Fail:	Fail			
HCV Correction Timeframe:	30 days			
Inspection Process:				
Observation:	 Look at the water heater to identify the TPR valve and relief valve discharge piping. Visually inspect to determine if the TPR valve is obstructed such that the TPR valve is unable to be fully actuated Visually inspect to determine if the relief valve discharge piping is damaged (i.e., visibly defective; impacts functionality), capped, has an upward slope, or is constructed of unsuitable material. 			
Request for Help:	- If the water heater is located behind a locked door or concealed (e.g., behind an access panel), request access fu the resident or POA.			
Action:	- None			
	- None			



Deficiency I — Inside:		TRUCTED OR RELIEF VALVE DISCHARGE PIPING IS DAMAGED, CAPPED, HAS AN UPWARD SLOPE, OR IS INSUITABLE MATERIAL.		
Deficiency Criteria:	TPR valve is obstructed such that the TPR valve is unable to be fully actuated. OR			
		rge piping is damaged (i.e., visibly defective; impacts functionality), capped, has an upward slope, of unsuitable material.		
Health and Safety Determination:	Severe Non-Life- Threatening	The Severe Non-Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of permanent disability, or serious injury or illness, to a resident; or the physical security or safety of a resident or their property would be seriously compromised.		
Correction Timeframe:	24 hours			
HCV Pass / Fail:	Fail			
HCV CORRECTION TIMEFRAME:	30 days			
Inspection Process:				
Observation:	 Look at the water heater to identify the TPR valve and relief valve discharge piping. Visually inspect to determine if the TPR valve is obstructed such that the TPR valve is unable to be fully actuate Visually inspect to determine if the relief valve discharge piping is damaged (i.e., visibly defective; impacts functionality), capped, has an upward slope, or is constructed of unsuitable material. 			
REQUEST FOR HELP:	- If the water heater is located behind a locked door or concealed (e.g., behind an access panel), request acces the resident or POA.			
Action:	- None			



Deficiency I — Outside:		BSTRUCTED OR RELIEF VALVE DISCHARGE PIPING IS DAMAGED, CAPPED, HAS AN UPWARD SLOPE, OR IS UNSUITABLE MATERIAL.		
Deficiency Criteria:	TPR valve is obstructed such that the TPR valve is unable to be fully actuated. OR			
		harge piping is damaged (i.e., visibly defective; impacts functionality), capped, has an upward slope, I of unsuitable material.		
Health and Safety Determination:	Moderate	The Moderate Health and Safety category includes deficiencies that, if evident in the home or on the property, present a moderate risk of an adverse medical event requiring a healthcare visit; cause temporary harm; or if left untreated, cause or worsen a chronic condition that may have long-lasting adverse health effects; or that the physical security or safety of a resident or their property could be compromised.		
Correction Timeframe:	30 days			
HCV Pass / Fail:	Fail			
HCV CORRECTION TIMEFRAME:	30 days			
Inspection Process:				
OBSERVATION:	 Look at the water heater to identify the TPR valve and relief valve discharge piping. Visually inspect to determine if the TPR valve is obstructed such that the TPR valve is unable to be fully actuated. Visually inspect to determine if the relief valve discharge piping is damaged (i.e., visibly defective; impacts functionality), capped, has an upward slope, or is constructed of unsuitable material. 			
REQUEST FOR HELP:	- If the water he the resident or	ater is located behind a locked door or concealed (e.g., behind an access panel), request access from POA.		
Action:	- None			
More Information:	- None			



Deficiency 2 - Unit: No hot water.

Deficiency Criteria:	Hot water does not dispense after the handle is engaged.			
Health and Safety Determination:	: Severe Non-Life- The Severe Non-Life-Threatening category includes deficiencies that, if evident in Threatening on the property, present a high risk of permanent disability, or serious injury or resident; or the physical security or safety of a resident or their property would compromised.			
CORRECTION TIMEFRAME:	24 hours			
HCV Pass / Fail:	Fail			
HCV CORRECTION TIMEFRAME:	30 days			
Inspection Process:				
OBSERVATION:	- None			
R EQUEST FOR HELP:	- None			
Action:		andle to activate hot water. ming out of the faucet to determine if it is heating up.		
More Information:	- None			



Deficiency $2 - Inside$:	NO HOT WATER.
DEFICIENCE INSIDE.	NO NOT WATER.

Deficiency Criteria:	Hot water does not dispense after the handle is engaged.			
Health and Safety Determination:	Advisory	Deficiencies critical to habitability but not presenting a substantive health or safety risk to resident.		
Correction Timeframe:	N/A			
HCV Pass / Fail:	Pass			
HCV CORRECTION TIMEFRAME:	N/A			
Inspection Process:				
OBSERVATION:	- None			
R EQUEST FOR HELP:	- None			
Action:		t handle to activate hot water. coming out of the faucet to determine if it is heating up.		
More Information:	- None			



Deficiency 3 — Unit:	The relief valve waste receptor	DISCHARGE PIPING IS MISSING OR TERMINATES GREATER THAN 6 inches or less than 2 inches from flood-level.			
Deficiency Criteria:	The relief valve discharge piping is missing (i.e., evidence of prior installation, but is now not present or is incomplete).				
	OR				
	The relief valve d level.	lischarge piping terminates greater than 6 inches or less than 2 inches from waste receptor flood-			
Health and Safety Determination:	Moderate	The Moderate Health and Safety category includes deficiencies that, if evident in the home or on the property, present a moderate risk of an adverse medical event requiring a healthcare visit; cause temporary harm; or if left untreated, cause or worsen a chronic condition that may have long-lasting adverse health effects; or that the physical security or safety of a resident or their property could be compromised.			
Correction Timeframe:	30 days				
HCV Pass / Fail:	Fail				
HCV CORRECTION TIMEFRAME:	30 days				
Inspection Process:					
OBSERVATION:	- Look at the wat	er heater to determine if the relief valve discharge piping is missing.			
REQUEST FOR HELP:	- If the water hea the resident or I	ter is located behind a locked door or concealed (e.g., behind an access panel), request access from POA.			
Action:	- Measure the dist level.	ance between the termination point of the relief valve discharge piping and the waste receptor flood			
More Information:		e discharge piping is plumbed through the wall and the inspector is unable to the visually identify point, then do not record as a deficiency.			



Deficiency 3 — Inside:	THE RELIEF VALVE WASTE RECEPTOR	discharge piping is missing or terminates greater than 6 inches or less than 2 inches from flood-level.			
Deficiency Criteria:	The relief valve discharge piping is missing (i.e., evidence of prior installation, but is now not present or is incomplete).				
	OR				
	The relief valve d level.	ischarge piping terminates greater than 6 inches or less than 2 inches from waste receptor flood-			
Health and Safety Determination:	Moderate	The Moderate Health and Safety category includes deficiencies that, if evident in the home or on the property, present a moderate risk of an adverse medical event requiring a healthcare visit; cause temporary harm; or if left untreated, cause or worsen a chronic condition that may have long-lasting adverse health effects; or that the physical security or safety of a resident or their property could be compromised.			
CORRECTION TIMEFRAME:	30 days				
HCV Pass / Fail:	Fail				
HCV CORRECTION TIMEFRAME:	30 days				
INSPECTION PROCESS:					
OBSERVATION:	- Look at the wate	er heater to determine if the relief valve discharge piping is missing.			
Request for Help:	- If the water heat the resident or P	ter is located behind a locked door or concealed (e.g., behind an access panel), request access from POA.			
Action:	- Measure the dista level.	ance between the termination point of the relief valve discharge piping and the waste receptor flood			
More Information:		e discharge piping is plumbed through the wall and the inspector is unable to the visually identify point, then do not record as a deficiency.			



Deficiency 3 — Outside:	THE RELIEF VALVE WASTE RECEPTOR	DISCHARGE PIPING IS MISSING OR TERMINATES GREATER THAN 6 INCHES OR LESS THAN 2 INCHES FROM FLOOD-LEVEL.			
Deficiency Criteria:	The relief valve discharge piping is missing (i.e., evidence of prior installation, but is now not present or is incomplete).				
	OR				
	The relief valve d level.	ischarge piping terminates greater than 6 inches or less than 2 inches from waste receptor flood-			
Health and Safety Determination:	Moderate	The Moderate Health and Safety category includes deficiencies that, if evident in the home or on the property, present a moderate risk of an adverse medical event requiring a healthcare visit; cause temporary harm; or if left untreated, cause or worsen a chronic condition that may have long-lasting adverse health effects; or that the physical security or safety of a resident or their property could be compromised.			
Correction Timeframe:	30 days				
HCV Pass / Fail:	Fail				
HCV CORRECTION TIMEFRAME:	30 days				
Inspection Process:					
OBSERVATION:	- Look at the wate	er heater to determine if the relief valve discharge piping is missing.			
Request for Help:	- If the water hear the resident or F	ter is located behind a locked door or concealed (e.g., behind an access panel), request access from POA.			
Action:	- Measure the dista level.	ance between the termination point of the relief valve discharge piping and the waste receptor flood			
More Information:		e discharge piping is plumbed through the wall and the inspector is unable to the visually identify point, then do not record as a deficiency.			



Deficiency 4 — Unit:	CHIMNEY OR FLUE PIPING IS BLOCKED, MISALIGNED, OR MISSING.			
Deficiency Criteria:	Chimney or flue piping is blocked, misaligned, or missing (i.e., evidence of prior installation, but now not present or is incomplete).			
Health and Safety Determination:	Life-Threatening	The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.		
CORRECTION TIMEFRAME:	24 hours			
HCV Pass / Fail:	Fail			
HCV Correction Timeframe:	24 hours			
Inspection Process:				
Observation:	 Look at fuel-fired water heaters to ensure that the flue is present and not negatively pitched. Look for holes, disconnected pieces, or misalignment at connections along the run of the flue pipe that could allow the venting of dangerous gases into the dwelling. Check taped joints to ensure that the tape is not covering a void in the flue pipe. Look at the horizontal flue vent connection and confirm that there is not a negative pitch in the vent. Verify supports are present on the pipe to maintain clearances and to avoid separation of joints or other damage. 			
REQUEST FOR HELP:	- If the water heater is located behind a locked door or concealed (e.g., behind an access panel), request access from the resident or POA.			
Action:	- None	- None		
More Information:				



Deficiency 4 — Inside:	CHIMNEY OR FLUE PIPING IS BLOCKED, MISALIGNED, OR MISSING.			
Deficiency Criteria:	Chimney or flue piping is blocked, misaligned, or missing (i.e., evidence of prior installation, but now not present or is incomplete).			
Health and Safety Determination:	Life-Threatening The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.			
CORRECTION TIMEFRAME:	24 hours			
HCV Pass / Fail:	Fail			
HCV CORRECTION TIMEFRAME:	24 hours			
Inspection Process:				
Observation:	 Look at fuel-fired water heaters to ensure that the flue is present and not negatively pitched. Look for holes, disconnected pieces, or misalignment at connections along the run of the flue pipe that could allow the venting of dangerous gases into the dwelling. Check taped joints to ensure that the tape is not covering a void in the flue pipe. Look at horizontal flue vent connection and confirm that there is not a negative pitch in the vent. Verify supports are present on the pipe to maintain clearances and to avoid separation of joints or other damage. 			
REQUEST FOR HELP:	- If the water heater is located behind a locked door or concealed (e.g., behind an access panel), request access from the resident or POA.			
Action:	- None			
More Information:	- None			



Deficiency Criteria:	Gas shutoff valve is damaged (i.e., visibly defective; impacts functionality).				
	OR				
	Gas shutoff valve i	s missing (i.e., evidence of prior installation, but is now not present or is incomplete).			
	OR				
	Gas shutoff valve is not installed (i.e., never installed, but should have been).				
Health and Safety Determination:	Life-Threatening	The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.			
Correction Timeframe:	24 hours				
HCV Pass / Fail:	Fail				
HCV Correction Timeframe:	24 hours				
NSPECTION PROCESS:					
OBSERVATION:	- Look at the water	r heater to determine if the gas shutoff valve is damaged, missing, or not installed.			
Request for Help:	- If the water heater is located behind a locked door or concealed (e.g., behind an access panel), request access fr the resident or POA.				
Action:	- None				
More Information:	- None				



DEFICIENCY 5 — INSIDE: GA	IS SHUTOFF VALVE IS DAMAGED, M	IISSING, OR NOT INSTALLED.
---------------------------	--------------------------------	----------------------------

DEFICIENCY CRITERIA:	Gas shutoff valve i	is damaged (i.e., visibly defective; impacts functionality).			
	OR				
	Gas shutoff valve i	is missing (i.e., evidence of prior installation, but is now not present or is incomplete).			
	OR				
	Gas shutoff valve is not installed (i.e., never installed, but should have been).				
Health and Safety Determination:	Life-Threatening	The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.			
Correction Timeframe:	24 hours				
HCV Pass / Fail:	Fail				
HCV Correction Timeframe:	24 hours				
Inspection Process:					
OBSERVATION:	- Look at the water	r heater to determine if the gas shutoff valve is damaged, missing, or not installed.			
Request for Help:	- If the water heater is located behind a locked door or concealed (e.g., behind an access panel), request access fro the POA.				
Action:	- None				
More Information:	- None				



Deficiency 5 - Outside: Gas shutoff valve is damaged, missing, or not installed.

Deficiency Criteria:	Gas shutoff valve is damaged (i.e., visibly defective; impacts functionality).				
	OR				
	Gas shutoff valve i	is missing (i.e., evidence of prior installation, but is now not present or is incomplete).			
	OR				
	Gas shutoff valve is not installed (i.e., never installed, but should have been).				
Health and Safety Determination:	Life-Threatening	The Life-Threatening category includes deficiencies that, if evident in the home or on the property, present a high risk of death to resident.			
Correction Timeframe:	24 hours				
HCV Pass / Fail:	Fail				
HCV Correction Timeframe:	24 hours				
NSPECTION PROCESS:					
OBSERVATION:	- Look at the water	r heater to determine if the gas shutoff valve is damaged, missing, or not installed.			
Request for Help:	- If the water heate the POA.	er is located behind a locked door or concealed (e.g., behind an access panel), request access from			
Action:	- None				
More Information:	- None				



SUMMARY OF CHANGES

TITLE:	WATER HEATER
VERSION:	V2.2
DATE PUBLISHED:	06/23/22

Field	Change	VERSION	Date
	Abbreviated published version	V2.2	2022-06-23
Name Variants	Removed from published version		
Common Materials	Removed from published version		
Rationale	Removed from published version		
Tools or Equipment	Removed from published version		
Deficiency I		V2.2	2022-06-23
Health and Safety Determination	Outside: Relabeled from "Standard" to "Moderate"		
Deficiency 2		V2.2	2022-06-23
Health and Safety Determination	Inside: Relabeled from "WA" to "Advisory"		
Deficiency 3		V2.2	2022-06-23
Health and Safety Determination	Unit: Relabeled from "Standard" to "Moderate"		
	Inside: Relabeled from "Standard" to "Moderate"		
	Outside: Relabeled from "Standard" to "Moderate"		
Deficiency I		V2.I	2021-04-02
Title	Unit, Inside, & Outside: Revised Title		
Deficiency Criteria	Unit, Inside, & Outside: Revised deficiency criteria		
Health and Safety Determination	Outside: Revised description		
Rationale	Unit, Inside, & Outside: Revised rationale categories, types, and explanations; added standardized codes and descriptions		
Inspection Process	Unit, Inside, & Outside: Revised Observation and Request for Help		
Deficiency 2		V2.1	2021-04-02
Health and Safety Determination	Inside: Revised description		



	Rationale	Inside: Revised rationale categories, types, and explanations; added standardized codes and descriptions		
Deficiency	3		V2.I	2021-04-02
	Title	Unit, Inside, & Outside: Revised Title		
	Deficiency Criteria	Unit, Inside, & Outside: Revised deficiency criteria		
	Rationale	Unit, Inside, & Outside: Revised rationale categories, types, and explanations; added standardized codes and descriptions		
	Inspection Process	Unit, Inside, & Outside: Revised Observation, Request for Help, Action, and More Information		
Deficiency	4		V2.I	2021-04-02
	Inspection Process	Unit & Inside: Revised Request for Help		
Deficiency	5		V2.I	2021-04-02
	Title	Unit, Inside, & Outside: Revised Title		
	Deficiency Criteria	Unit, Inside, & Outside: Revised deficiency criteria		
	Health and Safety Determination	Unit, Inside, & Outside: Revised description		
	Rationale	Unit, Inside, & Outside: Revised rationale categories, types, and explanations; added standardized codes and descriptions		
	Inspection Process	Unit, Inside, & Outside: Revised Observation and Request for Help		
Definition		Revised definition	V2.0	2020-10-28
Deficiency	1		V2.0	2020-10-28
	Title	Copy edits		
	Deficiency Criteria	Revised deficiency criteria		
	Health and Safety Determination	Added standardized description		
	HCV Pass / Fail	Field added; response input as "Fail"		
	Rationale	Copy edits		
	Inspection Process	Copy edits		
Deficiency	2		V2.0	2020-10-28
	Health and Safety Determination	Added standardized description		



Inspection Process	Revised observation, request for help, and more information		
Rationale	Copy edits		
HCV Pass / Fail	Field added; response input as "Fail"		
Health and Safety Determination	Added standardized description		
Deficiency Criteria	Revised deficiency criteria		
Title	Revised title		
Deficiency 5		V2.0	2020-10-28
Inspection Process	Copy edits		
Rationale	Copy edits		
HCV Pass / Fail	Field added; response input as "Fail"		
Health and Safety Determination	Added standardized description		
Deficiency Criteria	Copy edits		
Title	Copy edits		
Deficiency 4		V2.0	2020-10-28
Inspection Process	Copy edits		
Rationale	Copy edits		
HCV Pass / Fail	Field added; response input as "Fail"		
Health and Safety Determination	Added standardized description		
Title	Revised title		
Deficiency 3		V2.0	2020-10-28
Rationale	Copy edits		



Common Components	Revised common components	VI.3	2020-07-31
Location	Revised inspectable locations	VI.3	2020-07-31
More Information	Field added	VI.3	2020-07-31
Deficiency I	Separated by inspectable locations — Unit, Inside, and Outside	VI.3	2020-07-31
Title	Revised title; added inspectable locations		
Deficiency Criteria	Revised deficiency criteria		
Health and Safety Determination	Revised to "Severe Non-Life-Threatening" determination; added standardized description		
Correction Timeframe	Field added; response input as "24 hours"		
HCV — Correction Timeframe	Field added; response input as "30 days"		
Rationale	Revised rationale categories, types, and explanations; added standardized codes and descriptions		
Inspection Process	Revised observation, request for help, action, and more information		
Tools or Equipment	Field added to deficiency; response revised		
Deficiency 2	Separated by inspectable locations — Unit and Inside	VI.3	2020-07-31
Title	Revised title; added inspectable locations		
Deficiency Criteria	Revised deficiency criteria		
Health and Safety Determination	Revised to "Severe Non-Life-Threatening" determination; added standardized description		
Correction Timeframe	Field added; response input as "24 hours"		
HCV — Correction Timeframe	Field added; response input as "30 days"		
Rationale	Revised rationale categories, types, and explanations; added standardized codes and descriptions		
Inspection Process	Revised observation, request for help, action, and more information		
Tools or Equipment	Field added to deficiency; response revised		
Deficiency 3	Separated by inspectable locations — Unit, Inside, and Outside	VI.3	2020-07-31
Title	Revised title; added inspectable locations		
Deficiency Criteria	Revised deficiency criteria		
Health and Safety Determination	Revised to "Standard" determination; added standardized description		
Correction Timeframe	Field added; response input as "Within 30 days"		



HCV — Correction Tim	eframe Field added; response input as "Within 30 days"		
Rationale	Revised rationale categories, types, and explanations; added standardized cod descriptions	les and	
Inspection Process	Revised observation, request for help, action, and more information		
Tools or Equipment	Field added to deficiency; response revised		
Deficiency 4	Separated by inspectable locations — Unit and Inside	VI.3	2020-07-31
Title	Revised title; added inspectable locations		
Deficiency Criteria	Revised deficiency criteria		
Health and Safety Det	ermination Revised to "Life-Threatening" determination; added standardized description		
Correction Timeframe	Field added; response input as "24 hours"		
HCV — Correction Tim	eframe Field added; response input as "24 hours"		
Rationale	Revised rationale categories, types, and explanations; added standardized cod descriptions	les and	
Inspection Process	Revised observation, request for help, action, and more information		
Tools or Equipment	Field added to deficiency; response revised		
Deficiency 5	Added by inspectable locations — Unit and Inside	VI.3	2020-07-31
Title	Added title; added inspectable locations		
Deficiency Criteria	Added deficiency criteria		
Health and Safety Det	ermination Revised to "Severe Non-Life-Threatening" determination; added standardized description		
Correction Timeframe	Field added; response input as "24 hours"		
HCV — Correction Tim	eframe Field added; response input as "30 days"		
Rationale	Added rationale categories, types, and explanations; added standardized code descriptions	es and	
Inspection Process	Added observation, request for help, action, and more information		