

Allowable Measures Chart (Standalone Event)

Section 1 - FURNACE REPAIR/REPLACEMENT			
ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Replace furnace.	HSM	EC motor required.
2	Add/replace/repair/seal ductwork, supply and return plenums.	HSM	
3	Construct/replace/resize filter rack.	HSM	
4	Balance distribution (room-to-room pressure balancing).	HSM	
5	Repair/replace blower motor/fan/assembly.	HSM	EC motor required when blower motor needs replacement.
6	Repair/replace inducer fan/motor/assembly.	HSM	
7	Replace electric circuit/control boards.	HSM	
8	Seal/Repair/insulate ductwork outside thermal boundary.	HSM	
9	Remove humidifier from furnace supply.	HSM	
10	Add fresh air (PVC) to one pipe system.	HSM	Required on furnace replacements.
Section 2 - BOILER REPAIR/REPLACEMENT			
ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Replace boiler.	HSM	
2	Repair/replace expansion tank.	HSM	
3	Add/replace/repair boiler distribution system components with boiler replacement.	HSM	
4	Repair/replace temperature or pressure gauges.	HSM	
5	Replace water inlet valve.	HSM	
6	Replace backflow prevention valve.	HSM	
7	Repair/replace recirculating pump.	HSM	
8	Install/replace expansion tank shut off.	HSM	
9	Replace expansion tank drain valve.	HSM	
10	Bleed radiators.	HSM	
11	Replace bleeder valves.	HSM	
12	Repair/replace zone valves.	HSM	
13	Drain a new installation or re-fill an existing system.	HSM	
14	Add/replace anti-freeze.	HSM	
15	Install a low water cut off valve.	HSM	
16	Repair/replace/install baseboard convactor covers.	HSM	

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Section 3 - HEATING PLANT REPAIR/REPLACEMENT-RELATED ACTIVITIES

ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Clean and tune heating plant.	HSM	
2	Abate/remove asbestos.	HSM	Includes asbestos on the heating plant, and abatement on the distribution system and/or flue that is needed during the replacement of the heating plant. Abatement on the distribution system or flue is typically allowed within the immediate vicinity of the heating plant. Also includes the cost of asbestos safe work practices. All asbestos abatement must be completed by a licensed AHERA contractor.
3	Repair fuel leak. Venting of fuel tank.	HSM	
4	Install/replace gas supply drip leg.	HSM	
5	Install/Repair/ replace condensate pump.	HSM	Includes the use of floor cord protector to eliminate tripping hazard posed by condensate lines installed with Weatherization funds that transecting a walking area.
6	Install/repair/ replace combustion air.	HSM	
7	Repair/replace fuel pump (oil).	HSM	
8	Repair/relocate/replace any type of thermostat.	HSM	MN code requires the installation of a programmable thermostat with all furnace installations.
9	Repair/replace gas valve.	HSM	
10	Repair condensate line on furnace/boiler.	HSM	Includes the use of floor cord protector to eliminate tripping hazard posed by condensate lines transecting a walking area.
11	Build wall to create/move thermal boundary for a 90% + furnace or boiler.	HSM	Allowed only when a condensing heating plant is in a buffered space (e.g. attached garage) and the condensation line may freeze.
12	Remove or drain an unused fuel tank.	HSM	Above ground fuel tank removal allowable with prior Commerce Approval.
13	Install flame retention oil burner.	NOT ALLOWED	

Section 4 - SPACE HEATER

ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Repair/replace primary vented space heater.	HSM	
2	Remove unvented space heater.	HSM	Removal of units not meeting ANZI 21.11.2 is required prior to beginning Standalone activities. See MN Weatherization Field Guide-SWS Edition 8.4.2 for further details.
3	Remove unused space heater.	NOT ALLOWED	
4	Repair/Replace/install free-standing electric space heater.	NOT ALLOWED	

Section 5 - SOLID FUEL HEATING EQUIPMENT (HEATING PLANT OR SPACEHEATER)

ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Replace indoor unit.	HSM	
2	Repair indoor unit.	HSM	
3	Repair/replace outdoor Boiler unit.	NOT ALLOWED	

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Section 6 - CHIMNEYS AND FLUES			
ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Clean out chimney/flue.	HSM	This is only allowed to remove blockages and/or improve draft.
2	Install/replace chimney cap.	HSM	
3	Install/replace chimney liner.	HSM	
4	Line or re-line chimney.	HSM	This is only allowed to remove blockages and/or improve draft.
5	Repair chimney (exterior).	HSM	This is only allowed to remove blockages and/or improve draft.
6	Seal unused vent connector holes in chimney (interior) with heating plant replacement.	HSM	
7	Seal unused chimney cleanout door (interior) with heating plant replacement.	HSM	
8	Seal unused vent connector holes in chimney (interior) without heating plant replacement.	HSM	
9	Seal unused chimney cleanout door (interior) without heating plant replacement.	HSM	
10	Remove thermal or electric vent dampers.	HSM	
11	Install/Repair/replace any type of electric vent dampers.	HSM	When Installed with a new boiler system or in a maintenance activity.
12	Remove metal chimney to roof line.	HSM	Remove metal chimney to roof line. Examples include an unused metal flue in a house or mobile home or an extra flue from a conversion from gas to electric (MH).
13	Remove masonry chimney to roof line.	NOT ALLOWED	
Section 7 - ELECTRIC BASEBOARD HEAT			
ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Install or replace an electric baseboard thermostat of any type.	HSM	
2	Repair/replace baseboard convactor covers.	HSM	
3	Install/repair/replace heat pump.	NOT ALLOWED	
Section 8 - AIR CONDITIONING			
ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Clean A-coil on central air conditioning system.	HSM	Allowed only when the dirty A-coil is causing a restriction that is causing heat rise in the furnace outside the manufacture's specifications.
2	Repair/replace leaking A-coil on central air conditioning system.	HSM	Allowed only to protect the integrity of a repaired/replaced furnace from water damage.
3	Repair/replace condensate pan and/or hose on central air conditioning system.	HSM	Allowed only to protect the integrity of a repaired/replaced furnace from water damage. Also, includes the use of floor cord protector to eliminate tripping hazard posed by condensate lines transecting a walking area.
4	Other Repair/maintenance services to window air conditioners or central air conditioning systems.	NOT ALLOWED	

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Section 9 - WATER HEATER

ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Replace any water heater that is non-repairable or where the tank has a leak.	HSM	
2	Replace a poorly drafting water heater.	HSM	A poorly drafting water heater may be replaced if the draft cannot be improved by other less costly measures. This includes the minor electrical work needed for operation.
3	Repair/replace water heater venting.	HSM	
4	Install chimney liner to improve draft.	HSM	
5	Clean/tune oil or gas water heater.	HSM	
6	Repair fuel leak.	HSM	
7	Install/replace gas shut off valve.	HSM	
8	Repair/replace/install TPR and/or drip leg.	HSM	
9	Repair/replace mobile home access door.	HSM	Allowed only when door is part of the thermal boundary and protects the water heater from freezing.
10	Repair/replace mobile home combustion compartment floor.	HSM	Allowed only when structurally needed when water heater is being replaced.
11	Replace element in electric water.	HSM	
12	Repair electric water heater element.	HSM	
13	Repair or replace element access panels.	HSM	
14	Repair electric circuit to Water Heater.	HSM	
15	Replace vapor sensor.	HSM	Allowed only for units installed by WAP that are under contractor warranty.

Section 10 - PLUMBING

ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Repair minor plumbing leaks.	HSM	Allowed only to protect the integrity of a repaired/replaced furnace/ DWH from water damage.
2	Install faucet aerators.	NOT ALLOWED	
3	Install low-flow shower heads.	NOT ALLOWED	
4	Insulate exposed pipes in attic, floor, belly or unheated crawl space.	NOT ALLOWED	
5	Repair all other plumbing problems.	NOT ALLOWED	
6	Repair or cover septic tanks.	NOT ALLOWED	

Section 11 - Health and Safety

ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	Add CO Detector(s)	HSM	CO detectors may be added when required by code as part of an appliance replacement or repair.
2	Add Smoke Detector(s)	HSM	Smoke detectors may be added when required by code as part of an appliance replacement or repair.

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Section 12 - EAPWX Measure Expansion			
ACTIVITY/MEASURE NAME		MEASURE TYPE	NOTES
1	EXP Heating System Replacement Deemed Savings	HVAC	Follow the guidance found in the MN WAPLink User Guide.
2	EXP Water Heater Replacement Deemed Savings	Baseload	Follow the guidance found in the MN WAPLink User Guide.. All water heater installs should include to-code pipe wrap.
3	EXP Cold-Climate Air Source Heat Pump Deemed Savings	HVAC	Follow the guidance found in the MN WAPLink User Guide..
4	EXP Cookstove Repair	HSM	Standalone Event only allowable when an audit event is not feasible. Follow the guidance found in the MN WAPLink User Guide..
5	EXP Cookstove Replacement	HSM	Standalone Event only allowable when an audit event is not feasible. Follow the guidance found in the MN WAPLink User Guide..
6	EXP Air Conditioner Repair	HSM	Standalone Event only allowable when an audit event is not feasible. Follow the guidance found in the MN WAPLink User Guide.
7	EXP Air Conditioner Replacement	HSM	Standalone Event only allowable when an audit event is not feasible. Follow the guidance found in the MN WAPLink User Guide.