

Maine Weatherization Task Specifications



Effective December 2, 2021

Prepared by
Maine State Housing Authority
353 Water Street
Augusta ME 04330

MAINE WEATHERIZATION PROGRAM (WAP)
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MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

11100 General Requirements: Quality of Work

1. At no time during the job shall the contractor store any materials and tools in living areas of the dwelling. Tools and materials shall be placed in proper storage chests or job trailers at the end of each workday. With the homeowner's consent, the contractor may store items in non-living spaces on the property.
2. Any exterior wood trim installed on the home shall have all four sides primed to match the existing finish on the home. Care shall be taken to assure that the new trim blends into the existing character of the home and is of equal or better quality.
3. Any interior materials installed on the home shall be of a material to match the existing trim located in the home. At no time shall interior trim be installed in a manner that is less than square stock select pine. All pine trim installed shall be free of loose knots and all sides should be finished.
4. MaineHousing strongly encourages the contractor to utilize pre-primed manufactured trim such as Windsor one or prime-lock materials. These materials are manufactured in 16-foot lengths. The use of these materials eliminates the need to prime materials in place and provides the homeowner with a more finished product.
5. All materials being installed by the contractor shall be installed to match the existing trim or finish material that is adjacent to the new installed trim. If any new trim is required to match the existing finish, the color or pattern shall be selected by the owner.
6. Building permits, electrical permits, plumbing permits and other permits required by local or state authorities shall be obtained by the contractor and the costs of such permits shall be the responsibility of the contractor. Permits must be obtained prior to commencement of work and copies of permits must be provided to the owner and the lending agency. Failure to obtain required permits will result in nonpayment of work until the necessary permits are obtained.
7. Workmanship and materials not covered by manufacturers' warranties shall be warranted by the contractors for a period of at least one year from date of final payment to the contractor. All manufacturers' warranties shall be delivered by the contractor to the CAA for inclusion in the final job packet.
8. All repair work shall conform to the local building codes when applicable. Where applicable, repair work completed shall also conform to the following standards: BOCA, the *National Plumbing Code*; NFPA 70, the *National Electric Code*; NFPA 101 *Life Safety Code*; ASTM, American Society for Testing Materials Standards; and the ICC/ANSI a117.1-98, International Code Council *Standards for Accessible and Usable Buildings and Facilities*. The above-mentioned standards when applicable will be noted by the energy auditor.
9. Weatherization procedures, installation methods and materials shall be in accordance with the Maine Weatherization Standards and Maine Weatherization Field Guide.

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

010 Labor

010-036-0005 Labor Expense, General Labor

Units: HR

Included Materials: None

Scope of Work:

- Cost of manpower to support weatherization activities in addition to time included in other tasks
- Reasonable rate and documented
- One man hour represents one person working one hour

References: Maine Weatherization Field Guide

Categories of Work: All Categories

010-036-0010 Labor Expense, Electrician

Units: HR

Included Materials: None

Scope of Work: Installed by a properly licensed electrician.

References: State and local electrical codes

Categories of Work:

- Incidental Repair
- Health and Safety

010-036-0015 Labor Expense, Plumber

Units: HR

Included Materials: None

Scope of Work: Installed by a properly licensed plumber

References: State and local plumbing codes

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

061 Rough Carpentry

061-102-0005 Framing Members, Spruce / Fir, Kd or Pad, Construction Grade, 2" x 4"

- Units:** LF
- Included Materials:**
- 2" x 4" D4s, spruce / fir, Kd or pad, construction grade
 - Necessary fasteners
- Scope of Work:** General carpentry using 2" x 4" framing members.
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-102-0010 Framing Members, Spruce / Fir, Kd or Pad, Construction Grade, 2" x 6"

- Units:** LF
- Included Materials:** 2" x 6" D4s, spruce / fir, kd or pad construction grade necessary fasteners
- Scope of Work:** General carpentry using 2" x 6" framing members.
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-102-0015 Framing Members, Spruce/Fir, Kd or Pad, Construction Grade, 2" x 8"

- Units:** LF
- Included Materials:**
- 2" x 8", D4s, spruce / fir, kd or pad, construction grade
 - Necessary fasteners
- Scope of Work:** General carpentry using 2" x 8" framing members.
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

061-102-0020 Framing Members, Pressure Treated, #1 Grade, 2" x 4"

Units: LF

Included Materials:

- 2" x 4", D4s, pressure treated, #1 grade
- Necessary fasteners

Scope of Work: General carpentry using 2" x 4" PT framing members.

References: None

Categories of Work: Infiltration Incidental Repair Health and Safety

061-102-0025 Framing Members, Pressure Treated, #1 Grade, 2" x 6"

Units: LF

Included Materials:

- 2" x 6", D4s, pressure treated, #1 grade
- Necessary fasteners

Scope of Work: General carpentry using 2" x 6" PT framing members.

References: None

Categories of Work:

- Infiltration
- Incidental Repair
- Health and Safety

061-102-0030 Framing Members, Pressure Treated, #1 Grade, 2" x 8"

Units: LF

Included Materials: 2" x 8", D4s, pressure treated, #1 grade

Scope of Work: General carpentry using 2" x 8" PT framing members.

References: None

Categories of Work:

- Infiltration
- Incidental Repair
- Health and Safety

061-130-0005 Spruce Strapping, 1" x 3"

Units: LF

Included Materials:

- 1" x 3" Strapping
- Necessary fasteners

Scope of Work: Installation of strapping per work order.

References: None

Categories of Work:

- Infiltration
- Incidental Repair
- Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

061-154-0005 Sheathing, Plywood, 1/2" CDX

- Units:** SF
- Included Materials:**
- 1/2" CDX plywood
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:** Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-154-0007 Sheathing, Plywood, 1/2" Pressure Treated, CDX

- Units:** SF
- Included Materials:**
- 1/2" CDX pressure treated plywood
 - Necessary fasteners
 - Install per work order
- Scope of Work:**
- Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
 - Constructing cellar doors
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-154-0008 Sheathing, Plywood, 1-1/8" 7 Ply

- Units:** SF
- Included Materials:**
- 1-1/8" plywood, 7 ply
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:**
- May be used as an attic hatch cover and/or dams
 - May be called for as a vertical cellar door
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

061-154-0009 Sheathing, Plywood, 1/4" AC

- Units:** SF
- Included Materials:**
- 1/4" AC plywood
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:** Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-154-0010 Sheathing, Plywood, 1/2" AC

- Units:** SF
- Included Materials:**
- 1/2" AC plywood
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:** Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-154-0012 Sheathing, Plywood, 3/4" AC

- Units:** SF
- Included Materials:**
- 3/4" AC plywood
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:**
- Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
 - Attic hatch covers
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

061-154-0014 Sheathing, Plywood, 3/4" UL (Underlayment), B Grade

- Units:** SF
- Included Materials:**
- 3/4" UL B grade plywood
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:**
- Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
 - Attic hatch covers
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-154-0015 Sheathing, Wafer Board, 7/16"

- Units:** SF
- Included Materials:**
- 7/16" wafer board
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:** Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

061-154-0016 Sheathing, OSB, Waterproof

- Units:** SF
- Included Materials:**
- 3/4" OSB
 - Necessary fasteners
 - Primed as needed per work order
- Scope of Work:**
- Used to close off holes in walls or floors, such as cellar windows or windows in which vents will be installed
 - Attic hatch covers
- References:** None
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

061-154-0020 Sheathing, Plywood, 1/4" Luan, Unfinished

Units:	SF
Included Materials:	<ul style="list-style-type: none">• 1/4" unfinished luan• Necessary fasteners• Finished as needed per work order
Scope of Work:	Used to cover walls or replace existing wall covering after installing wall insulation
References:	None
Categories of Work:	<ul style="list-style-type: none">• Infiltration, Incidental Repair• Health and Safety

062 Finish Carpentry

062-212-0005 Moldings, Casing

Units:	LF
Included Materials:	<ul style="list-style-type: none">• Moldings to match existing per work order• Caulking• Necessary fasteners• Finished to match existing per work order
Scope of Work:	<ul style="list-style-type: none">• Install casing/molding to seal between adjacent surfaces such as wall to ceiling, interior door and window trim, etc.• Casing should match existing molding• All joints should be sealed to reduce air infiltration• Wood trim installed on the exterior shall be primed on all four sides
References:	Maine Weatherization Standards
Categories of Work:	<ul style="list-style-type: none">• Infiltration• Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

062-220-0004 Molding, Trim, D and Btr Select Pine, 1" x 3" D4s,

- Units:** LF
- Included Materials:**
- 1" x 3" D4s, D and Btr select pine
 - Caulking
 - Necessary fasteners
 - Finished or primed per work order
- Scope of Work:**
- Install trim per work order
 - Soffit, corner boards, fascia trim, etc. Includes interior / exterior door and window trim
 - All joints should be sealed to reduce air infiltration
 - Exposed wood must be finished all sides
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

062-220-0005 Molding, Trim, D and Btr Select Pine, 1" x 4" D4s

- Units:** LF
- Included Materials:**
- 1" x 4" D4s, D and Btr select pine
 - Caulking
 - Necessary fasteners
 - Finished or primed per work order
- Scope of Work:**
- Install trim per work order
 - Soffit, corner boards, fascia trim, etc. Includes interior/ exterior door and window trim
 - All joints should be sealed to reduce air infiltration
 - Exposed wood must be finished all sides
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

062-220-0007 Molding, Trim, D and Btr Select Pine, 1" x 5" D4s

- Units:** LF
- Included Materials:**
- 1" x 5" D4s, D and Btr select pine
 - Caulking
 - Necessary fasteners
 - Finished or primed per work order
- Scope of Work:**
- Install trim per work order
 - Soffit, corner boards, fascia trim, etc.
 - Includes interior/exterior door and window trim
 - All joints should be sealed to reduce air infiltration
 - Exposed wood must be finished all sides
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

062-220-0010 Molding, Trim, D and Btr Select Pine, 1" x 6" D4s,

- Units:** LF
- Included Materials:**
- 1" x 6" D4s, D and Btr select pine
 - Caulking
 - Necessary fasteners
 - Finished or primed per work order
- Scope of Work:**
- Install trim per work order
 - Soffit, corner boards, fascia trim, etc.
 - Includes interior/exterior door and window trim
 - All joints should be sealed to reduce air infiltration
 - Exposed wood must be finished all sides
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

062-220-0015 Molding, Trim, D and Btr Select Pine, 1" x 8" D4s

- Units:** LF
- Included Materials:**
- 1" x 8" D4s, D and Btr select pine
 - Caulking
 - Necessary fasteners
 - Finished or primed per work order
- Scope of Work:**
- Install trim per work order
 - Soffit, corner boards, fascia trim, etc. Includes interior/exterior door and window trim
 - All joints should be sealed to reduce air infiltration
 - Exposed wood must be finished all sides
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

062-700-0004 Open Attic Stairway Panel, Complete Unit with Thermax Insulation, Layered to Achieve Attic R-value as Closely as Possible Weatherstrip, Hardware and Lifting Mechanism

- Units:** EA
- Included Materials:**
- ½" AC plywood sheathing on bottom of panel
 - Thermax on cold attic side
 - 1" x 4" Stock Perimeter surround to stabilize panel
 - All necessary framing materials
 - Weatherstrip
 - Caulking handle
 - Hook and eyes
 - Necessary hinges, weights and pulley system trim
- Scope of Work:**
- Install a ceiling access way so that it may be easily opened for post inspection by sub-grantee or grantee personnel
 - No top panel cover required on attic side
 - Unit will fully seal and secure attic opening
 - Install and finish per work order
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

062-700-0005 Attic Hatch, Non-occupiable Complete Unit with Rigid XPS Insulation, Layered to Achieve Attic R-value as Closely as Possible, Weatherstrip, and Hardware

Units: EA

- Included Materials:**
- 3/4" AC plywood cover on occupied living space side
 - Rigid insulation layered to achieve attic R-value as closely as possible
 - No panel cover required on unoccupied attic side
 - All necessary framing materials
 - Weatherstrip
 - Caulking
 - Hook and eyes
 - Handle
 - Necessary adhesives
 - Fasteners trim

- Scope of Work:**
- Install a ceiling access way so that it may be readily removed for post inspection by sub-grantee or grantee personnel
 - Whenever possible the access opening will be at least 5 sq. ft., ideally 2' x 2.5' and in a readily accessible location
 - Exposed wood must be finished all sides
 - Install and finish per work order

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Infiltration

062-700-0006 Attic Hatch, Occupiable Complete Unit with Thermax Insulation, Layered to Achieve Attic R-value as Closely as Possible, Weatherstrip and Hardware

Units: EA

- Included Materials:**
- 3/4" AC plywood cover on occupied living space side
 - Thermax insulation layered to achieve attic R-value as closely as possible
 - All Necessary Framing Materials
 - Weatherstrip and caulking
 - Hook and eyes
 - Handle
 - Necessary adhesives
 - Fasteners trim
 - Install and finish per work order

- Scope of Work:**
- Install a ceiling access way so that it may be readily removed for post inspection by sub-grantee or grantee personnel.
 - Whenever possible the access opening will be at least 5 sq. ft., ideally 2' x 2.5' and in a readily accessible location
 - Exposed wood must be finished all sides

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

062-700-0008 Insulated Cover for Pulldown Attic Stairway to Occupiable Attic Includes Weatherstrip, Hardware and Thermax Insulation Layered to Achieve Attic R-value as Closely as Possible

- Units:** EA
- Included Materials:**
- 1/4" plywood panel and 3/4" plywood barrier
 - Thermax insulation layered to achieve attic R-value as closely as possible
 - No top panel cover required on attic side
 - Weatherstrip
 - Caulking
 - Hook and eyes
 - Handles
 - Hinges
 - All other necessary hardware
 - Necessary adhesives and fasteners
- Scope of Work:**
- Construct a barrier entirely around the opening using plywood
 - Barrier should be constructed high enough to clear the folding stair and prevent attic insulation from falling into the stairwell
 - Construct an insulated cover that swings open on hinges
 - Install and finish per work order
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Infiltration

062-700-0010 Kneewall Access Door, Unoccupiable, Complete Unit, Includes Weatherstrip, Hardware, and XPS 4" Rigid Insulation

- Units:** EA
- Included Materials:**
- 3/4" Min, AC Plywood Door
 - 4" rigid xps insulation (min r 10)
 - All necessary framing materials
 - 2 x trim stock
 - Weatherstrip
 - Caulking
 - Locking Device
 - Necessary fasteners
 - Install and finish per work order
- Scope of Work:**
- Kneewall access door type entry, hinged or held in by turn buttons.
 - Weatherstrip and insulated to the same R-value as the surrounding wall area.
 - Exposed wood must be finished all sides.
- References:** Maine Weatherization Standards
- Categories of Work:** Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

062-700-0011 Kneewall Access Door, Occupiable, Complete Unit, Includes Weatherstrip, Hardware and 4" Thermax Insulation

Units: EA

- Included Materials:**
- 3/4" min, ac plywood door
 - 4" Thermax insulation (min r 13) 2 x trim stock
 - All necessary framing materials
 - Weatherstrip
 - Caulking
 - Locking device
 - Necessary fasteners
 - Trim
 - Install and finish per work order

- Scope of Work:**
- Kneewall access door type entry, hinged or held in by turn buttons
 - Weatherstrip and insulated to the same R-value as the surrounding wall area
 - Exposed wood trim stock must be finished

References: Maine Weatherization Standards

Categories of Work: Infiltration

062-700-0014 Bulkhead Panel System Insulated Sandwich with 1.5" Thermax (R-10) Rigid Insulation, Weatherstrip and Hardware

Units: EA

- Included Materials:**
- 1/4 "AC plywood panels to sandwich rigid insulation
 - 1.5" Thermax rigid insulation (r 10)
 - 2 x stock perimeter surround to stabilize panels
 - Weatherstrip
 - Caulking
 - All necessary Hardware
 - Hook and eyes or barrel bolts handles
 - Necessary fasteners

- Scope of Work:**
- Construct a bulkhead insulated sandwich panel system
 - Multiple panels, up to 3, may be required as practical for occupant use
 - Panels must be sized and weighted considering ease of use
 - Framed openings, ledgers, if required to support panel system, shall be constructed of PT lumber and specified under separate task codes

References: None

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

062-700-0016 Bulkhead Door, includes Weatherstrip, Hardware, Thermax Insulation

Units:	EA
Included Materials:	<ul style="list-style-type: none">• 1/4" AC plywood to sandwich insulation• PT plywood on exterior if exposed• 2" Thermax insulation (Min R-13) 2 x stock for perimeter• Weatherstrip• Caulking• Handle• Locking devices—two 5" barrel bolts• Necessary fasteners• Install and finish per work order
Scope of Work:	<ul style="list-style-type: none">• Cellar bulkhead door (usually constructed onsite) up to 48" wide• Door frame/opening shall be replaced/alterd when necessary, and billed under separate task codes• Door frames must be constructed of PT lumber
References:	None
Categories of Work:	Infiltration

062-700-0020 Manufactured Home Water Main Insulated Box

Units:	EA
Included Materials:	<ul style="list-style-type: none">• 2" Thermax insulation• 1" x 3" strapping• All necessary adhesives, sealants and fasteners
Scope of Work:	<ul style="list-style-type: none">• Use 2" Thermax insulation to construct an enclosure around the manufactured home water main and other components requiring insulation to prevent freezing• Enclosure will be reinforced and securely connected to the belly using 1" x 3" strapping as needed• All joints will be secure and air sealed• Minimum footprint 3' x 3'/9 square feet
References:	None
Categories of Work:	<ul style="list-style-type: none">• Incidental Repair• Health and Safety•

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

071 Vapor Retarders

071-920-0003 Ground Cover for Worker Safety Only .006” Polyethylene Vapor Barrier

- Units:** SF
- Included Materials:** 6 Mil Poly
- Scope of Work:**
- Placement of poly on ground in crawl space areas to protect workers from hazards during weatherization activities to the crawl space area
 - Most commonly will be used under manufactured homes
 - A continuous and flat as possible layer must be achieved
 - Piecing together scrap pieces for this task is not allowed
 - Remove debris that can cause injury or puncture ground cover will be removed prior to installation
 - Debris removal allows vapor retarder to lay as flat as practical
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

071-920-0005 Vapor Retarder, 0.006” Polyethylene Vapor Barrier

- Units:** SF
- Included Materials:**
- 6 Mil Poly
 - Product-specific tape/sealants for seams and attachment to walls
- Scope of Work:**
- Placement of poly on ground in crawl space areas and on the warm side of fiberglass insulation in attic, kneewall, exposed walls
 - A continuous layer must be achieved by overlapping adjacent sheets at least 12 inches and extend 6 inches up walls. Seams and perimeter edges must be sealed with appropriate tape/sealant
 - **Manufactured homes only:** poly ground cover is not required to extend up the skirting perimeter walls; piers/ supports require 12” high wrap seal to the extent possible
 - All seams, including on walls, must be sealed with product-specific tape/sealant
 - If additional fasteners (strapping or lathes) are deemed necessary, additional task codes will be specified
 - Debris that can cause injury or puncture ground cover will be removed prior to installation. Debris removal is also to allow vapor retarder to lay as flat as practical
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:**
- Health and Safety
 - Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

071-920-0006 Vapor Retarder, 0.045" EPDM Vapor Barrier

Units: SF

Included Materials:

- EPDM (Ethylene Propylene Diene Monomer) , 0.045" thick
- Product-specific tape/sealants for seams and attachment to walls

Scope of Work:

- Placement of rubber (EPDM, 0.045" thick) on ground in crawl space areas and basement floors.
- A continuous layer must be achieved by overlapping adjacent sheets at least 12 inches and extend 6 inches up walls
- All seams, including on walls, must be sealed with product-specific tape/sealant
- Debris that can cause injury or puncture ground cover will be removed prior to installation
- Debris removal allows vapor retarder to lay as flat as practical

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Health and Safety

071-920-0007 Vapor Retarder, Clear Woven Reinforced Polyethylene Sheeting

Units: SF

Included Materials: Clear woven reinforced polyethylene sheeting (Grip Rite reinforced poly or equal)

Scope of Work:

- Reinforced polyethylene sheeting is used to contain dense packed cellulose insulation in unsheathed wall and slope cavities
- Secure poly sheeting to framing members with appropriate fasteners
- Additional supports to secure poly in place against failure due to dense pack pressure, e.g., 1" x 3" strapping, with be addressed with separate task code

References:

- Install per manufacturer's recommendations.

Categories of Work: Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

071-920-0009 Vapor Retarder, 0.20 Vapor Barrier

- Units:** SF
- Included Materials:**
- Vapor barrier, ground cover, 0.20" thick
 - Product-specific tape/sealants for seams and attachment to walls
- Scope of Work:**
- Placement of vapor barrier on ground in crawl space areas and basement floors
 - A continuous layer must be achieved by overlapping adjacent sheets at least 12 inches and extend 6 inches up walls
 - All seams, including on walls, must be sealed with product-specific tape/sealant
 - Debris that can cause injury or puncture ground cover removed prior to installation
 - Debris removal allows vapor retarder to lay as flat as practical.
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

071-920-0010 Vapor Retarder, Building Wrap-- Tyvek, Equal (Side Wall Applications)

- Units:** SF
- Included Materials:**
- Building air barrier wrap fabric
 - Necessary fasteners
- Scope of Work:**
- Application of air barrier materials per manufacturer's specifications.
 - If additional fasteners (strapping or lathes) are deemed necessary, additional task codes will be specified
- References:** Install per manufacturers recommendations
- Categories of Work:**
- Infiltration
 - Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

071-920-0011 Vapor Retarder, Building Wrap, Tyvek, Equal (Manufactured Home Belly Applications)

- Units:** SF
- Included Materials:**
- Building air barrier wrap fabric
 - Necessary fasteners
- Scope of Work:**
- Application of air barrier materials per manufacturer’s specifications
 - If additional fasteners (strapping or lathes are deemed necessary, additional task codes will be specified
- References:** Install per manufacturers recommendations
- Categories of Work:**
- Infiltration
 - Incidental Repair

071-920-0015 Vapor Retarder, Mobile Home Belly Repair, Flex Mend, Mobile Flex Equal

- Units:** SF
- Included Materials:** Mobile Home Belly fabric
Necessary Fasteners (e.g., Tape, Adhesives, or Outward Clinch Staples)
- Scope of Work:** Application of belly materials per manufacturer’s specifications.
If additional fasteners (strapping or lathes) are deemed necessary, additional task codes will be specified
- References:** Install per manufacturers recommendations
Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Incidental Repair

071-940-0005 Non Vapor Retarder, Fiberglass Insulation Covering (InsulWeb or Equal)

- Units:** SF
- Included Materials:**
- Fiberglass insulation covering
 - Necessary fasteners
- Scope of Work:**
- Non vapor retarder material used must be porous and of a “solid” type material
 - Chicken wire or fencing type material are not allowed under this task
 - Installation of “InsulWeb” or silk screening, porous type
 - Holes made to install dense packed insulation shall be sealed material to cover installed fiberglass insulation in crawl spaces, floors and/or knee wall areas
 - If additional fasteners (strapping or lathes) are deemed necessary, additional task codes will be specified
- References:**
- Install per manufacturers recommendations.
 - Maine Weatherization Field Guide
- Categories of Work:** Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072 Building Insulation

072-101-0005 Cellulose, Ceilings With Open Access, Blown-in Insulation, R-13

- Units:** SF
- Included Materials:**
- Cellulose insulation, “Borate Only” grade
 - Materials for necessary damming (required for chimneys, attic access)
 - Recessed lighting fixtures may include but not limited to 3/4” plywood or rigid insulation.
- Scope of Work:**
- Installation of cellulose in an open attic area to the depth required. Damming is required for chimneys, attic access, recessed lighting fixtures
 - Additional damming may be specified in work order
 - All electrical boxes/fixtures shall be flagged to be seen above insulation
 - Insulation depth markers shall be installed a minimum of every 300 square feet of attic area
 - Installer shall provide to client dated signed documentation in accordance with Maine Weatherization Standards, Chapter 7 and Maine Weatherization Field Guide (SWS) 4.1005.2d
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-101-0010 Cellulose, Ceilings With Open Access, Blown-in Insulation, R-19

- Units:** SF
- Included Materials:** Cellulose insulation “borate only” grade materials for necessary damming required for chimneys, attic access (may include but not limited to 3/4” plywood or rigid insulation).
- Scope of Work:**
- Installation of cellulose in an open attic area to the depth required
 - Damming is required for chimneys, attic access and recessed lighting fixtures
 - Additional damming may be specified in work order
 - All electrical boxes/fixtures shall be flagged to be seen above insulation. Insulation depth markers shall be installed a minimum of every 300 square feet of attic area
 - Installer shall provide to client dated signed documentation in accordance with Maine Weatherization Standards Chapter 7 and Maine Weatherization Field Guide (SWS) 4.1005.2d
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0011 Fiberglass, Ceilings With Open Access, Blown-in Insulation, R-19

Units: SF

- Included Materials:**
- Blown-in insulation
 - Fiberglass ceiling with open access
 - Materials for necessary damming-required for chimneys and attic access, may include but not limited to 3/4" plywood or rigid insulation
 - Additional damming may be specified in work order.
 - Fire rated non IC recessed light covers for infiltration will be installed under separate task code per work order

- Scope of Work:**
- This task assumes the cavity is an open access area. Insulation is to be installed to achieve stated R-value
 - Follow manufacturer's installation bag chart
 - Electrical boxes/fixtures will be flagged to be visible above insulation
 - Insulation depth markers will be installed for every 300 sf of open insulated area
 - Installer will provide signed and dated documentation describing measure to the client per SWS 4.1005.2d

- References:**
- Maine Weatherization Standards, 2018
 - Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0015 Cellulose, Ceilings With Open Access, Blown-in Insulation, R-25

Units: SF

Included Materials: Cellulose insulation ("borate only" grade) materials for necessary damming (as specified per work order) may include but not limited to 3/4" plywood or rigid insulation

- Scope of Work:**
- Installation of cellulose in an open attic area to the depth required
 - Damming is required for chimneys, attic access, recessed lighting fixtures
 - Additional damming may be specified in work order
 - Insulation depth markers shall be installed a minimum of every 300 square feet of attic area
 - Installer shall provide to client dated signed documentation in accordance with Maine Weatherization Standards, 7 and SWS, 4.1005.2d

- References:**
- Maine Weatherization Standards,, 2018
 - Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0016 Fiberglass, Ceilings With Open Access, Blown-in Insulation, R-26

Units: SF

- Included Materials:**
- Blown-In Insulation, fiberglass ceiling with open access
 - Materials for necessary damming-required for chimneys and attic (access, may include but not limited to 3/4" plywood or rigid insulation)
 - Additional damming may be specified in work order
 - Fire rated non IC recessed light covers for infiltration will be installed under separate task code per work order

- Scope of Work:**
- This task assumes the cavity is an open access area
 - Insulation is to be installed to achieve stated R-value
 - Follow manufacturer's installation bag chart
 - Electrical boxes/fixtures will be flagged to be visible above insulation
 - Insulation depth markers will be installed for every 300 sf of open insulated area
 - Installer will provide signed and dated documentation describing measure to the client per SWS 4.1005.2d

References: Maine Weatherization Standards
Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0020 Cellulose, Ceilings With Open Access, Blown-in Insulation, R-30

Units: SF

- Included Materials:**
- Cellulose Insulation ("Borate Only" Grade)
 - Materials for necessary damming (as specified per work order) may include but not limited to 3/4" plywood or rigid insulation

- Scope of Work:**
- Installation of cellulose in an open attic area to the depth required. Damming is required for chimneys, attic access, and recessed lighting fixtures
 - Additional damming may be specified in work order
 - All electrical boxes/fixtures shall be flagged to be seen above insulation
 - Insulation depth markers shall be installed a minimum of every 300 square feet of attic area
 - Installer shall provide to client dated signed documentation in accordance with Maine Weatherization Standards, Chapter 7 and Maine Weatherization Field Guide (SWS) 4.1005.2d

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0021 Fiberglass, Ceilings With Open Access, Blown-in Insulation, R-30

Units: SF

- Included Materials:**
- Blown-in insulation, fiberglass ceiling with open access
 - Materials for necessary damming-required for chimneys and attic access, may include but not limited to 3/4" plywood or rigid insulation
 - Additional damming may be specified in work order
 - Fire rated non IC recessed light covers for infiltration will be installed under separate task code per work order

- Scope of Work:**
- This task assumes the cavity is an open access area
 - Insulation is to be installed to achieve stated R-value
 - Follow manufacturer's installation bag chart
 - Electrical boxes/fixtures will be flagged to be visible above insulation
 - Insulation depth markers will be installed for every 300 sf of open insulated area
 - Installer will provide signed and dated documentation describing measure to the client per SWS 4.1005.2d

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0025 Cellulose, Ceilings With Open Access, Blown-in Insulation, R-38

Units: SF

- Included Materials:**
- Cellulose Insulation ("Borate Only" Grade)
 - Materials for necessary damming (as specified per work order) may include but not limited to 3/4" plywood or rigid insulation

- Scope of Work:**
- Installation of cellulose in an open attic area to the depth required. Damming is required for chimneys, attic access, recessed lighting fixtures, additional damming may be specified in work order
 - All electrical boxes/fixtures shall be flagged to be seen above insulation
 - Insulation depth markers shall be installed a minimum of every 300 square feet of attic area

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0027 Fiberglass, Ceilings With Open Access, Blown-in Insulation, R-38

Units: SF

- Included Materials:**
- Blown-in insulation
 - Fiberglass ceiling with open access
 - Materials for necessary damming-required for chimneys and attic access, may include but not limited to 3/4" plywood or rigid insulation
 - Additional damming may be specified in work order
 - Fire rated non IC recessed light covers for infiltration will be installed under separate task code per work order

- Scope of Work:**
- This task assumes the cavity is an open access area
 - Insulation is to be installed to achieve stated R-value
 - Follow manufacturer's installation bag chart
 - Electrical boxes/fixtures will be flagged to be visible above insulation
 - Insulation depth markers will be installed for every 300 sf of open insulated area

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0026 Cellulose, Ceilings With Open Access, Blown-in Insulation, R-49

Units: SF

- Included Materials:**
- Cellulose insulation ("Borate Only" grade)
 - Materials for necessary damming (as specified per work order) may include but not limited to 3/4" plywood or rigid insulation

- Scope of Work:**
- Installation of cellulose in an open attic area to the depth required
 - Damming is required for chimneys, attic access, recessed lighting fixtures. Additional damming may be specified in work order
 - All electrical boxes/fixtures shall be flagged to be seen above insulation
 - Insulation depth markers shall be installed a minimum of every 300 square feet of attic area.

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0028 Fiberglass, Ceilings With Open Access, Blown-in Insulation, R-49

Units: SF

- Included Materials:**
- Blown-in insulation
 - Fiberglass ceiling with open access
 - Materials for necessary damming-required for chimneys and attic access, may include but not limited to 3/4" plywood or rigid insulation
 - Additional damming may be specified in work order
 - Fire rated non IC recessed light covers for infiltration will be installed under separate task code per work order

- Scope of Work:**
- This task assumes the cavity is an open access area
 - Insulation is to be installed to achieve stated R-value
 - Follow manufacturer's installation bag chart
 - Electrical boxes/fixtures will be flagged to be visible above insulation
 - Insulation depth markers will be installed for every 300 sf of open insulated area

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0092 Cellulose, Floored Attic, Dense Pack Plus Open Blow, Total, R-38

Units: SF

- Included Materials:**
- Cellulose Insulation ("Borate Only" grade)
 - Plugs for the drilled holes, if required
 - Materials for necessary damming (as specified per work order) may include but not limited to 3/4" plywood or rigid insulation

- Scope of Work:**
- Requires dense packing the floor cavity, a variety of depths could be encountered, additional open blow over the floor installed to achieve a total R-38
 - Labor to move material to access the floor will be covered under the task code general labor
 - Damming is required for chimneys, attic access, knob and tube wiring, recessed lighting fixtures
 - Blocking or feathering in the soffit area is required to avoid blocking the soffit and cellulose contacting the roof sheathing
 - Required depths are settled density

References: Maine Weatherization Standards

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0094 Cellulose, Floored Attic, Dense Pack Plus Open Blow, Total, R-49

- Units:** SF
- Included Materials:**
- Cellulose insulation (“Borate Only” Grade) Plugs for the drilled holes, if required
 - Materials for necessary damming (as specified per work order) may include but not limited to 3/4” plywood or rigid insulation
- Scope of Work:**
- Requires dense packing the floor cavity, a variety of depths could be encountered, additional open blow over the floor installed to achieve a total R-49
 - Labor to move material to access the floor will be covered under the task code general labor
 - Damming is required for chimneys, attic access, knob and tube wiring, recessed lighting fixtures
 - Blocking or feathering in the soffit area is required to avoid blocking the soffit and cellulose contacting the roof sheathing
 - Required depths are settled density
- References:** Maine Weatherization Standards
- Categories of Work:** Conductive

072-101-0096 “Bag and Blow Method” Cellulose

- Units:** SF
- Included Materials:**
- Cellulose Insulation (“borate only” grade)
 - Bags used to accept the installation of dense pack cellulose Plugs for the drilled holes, if required
- Scope of Work:** Requires dense packing the specified cavity if the interior finish can withstand the pressure. A variety of depths could be encountered.
- References:** Maine Weatherization Standards
- Categories of Work:** Conductive

072-101-0046 Cellulose, Walls, Dense Packed Behind 2” Thermax, R-24

- Units:** SF
- Included Materials:**
- Cellulose Insulation (“Borate Only” Grade) 2” Thermax
 - Necessary fasteners for Thermax sheathing
 - Replacement materials necessary for sealing access holes
- Scope of Work:**
- Install Thermax over wall studs and install dense pack cellulose in the cavities behind
 - All Thermax seams and all drilled holes must be sealed
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0048 Cellulose, Walls, Dense Packed Behind 2" Thermax, R-30

- Units:** SF
- Included Materials:**
- Cellulose insulation ("Borate Only" Grade) 2" Thermax
 - Necessary fasteners for Thermax sheathing
 - Replacement materials necessary for sealing access holes
- Scope of Work:**
- Install Thermax over wall studs and install dense pack cellulose in the cavities behind
 - All Thermax seams and all drilled holes must be sealed
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-101-0052 Cellulose, Slopes, Dense Packed Behind 2" Thermax, R-30

- Units:** SF
- Included Materials:**
- Cellulose Insulation ("Borate Only" Grade) 2" Thermax
Necessary fasteners for Thermax sheathing
Replacement materials necessary for sealing access holes
- Scope of Work:**
- Install Thermax over rafters and install dense pack cellulose in the cavities behind. All Thermax seams and all access holes must be sealed.
- References:**
- Maine Weatherization Standards
Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-101-0052 Cellulose, Slopes, Dense Packed Behind 2" Thermax, R-30

- Units:** SF
- Included Materials:**
- Cellulose Insulation ("Borate Only" Grade) 2" Thermax
Necessary fasteners for Thermax sheathing
Replacement materials necessary for sealing access holes
- Scope of Work:**
- Install Thermax over rafters and install dense pack cellulose in the cavities behind. All Thermax seams and all access holes must be sealed.
- References:**
- Maine Weatherization Standards
Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0054 Cellulose, Slopes, Dense Packed Behind 2” Thermax, R-37

Units:	SF
Included Materials:	Cellulose Insulation (“Borate Only” Grade) 2” Thermax Necessary fasteners for Thermax sheathing Replacement materials necessary for sealing access holes
Scope of Work:	Install Thermax over rafters and install dense pack cellulose in the cavities behind. All Thermax seams and all access holes must be sealed.
References:	Maine Weatherization Standards Maine Weatherization Field Guide
Categories of Work:	Conductive

072-101-0056 Cellulose, Slopes, Dense Packed Behind 2” Thermax, R-44

Units:	SF
Included Materials:	Cellulose Insulation (“Borate Only” Grade) 2” Thermax Necessary fasteners for Thermax sheathing Replacement materials necessary for sealing access holes
Scope of Work:	Install Thermax over rafters and install dense pack cellulose in the cavities behind. All Thermax seams and all access holes must be sealed.
References:	Maine Weatherization Standards Maine Weatherization Field Guide
Categories of Work:	Conductive

072-101-0058 Cellulose, Ceilings, Dense Packed Behind 2” Thermax, R-30

Units:	SF
Included Materials:	Cellulose Insulation (“Borate Only” Grade) 2” Thermax Necessary fasteners for Thermax sheathing Replacement materials necessary for sealing access holes.
Scope of Work:	The intent of this task is to apply the Thermax sheathing overhead to ceiling segment joists and install dense pack cellulose in the cavities behind. All Thermax seams and all access holes must be sealed.
References:	Maine Weatherization Standards Maine Weatherization Field Guide
Categories of Work:	Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0060 Cellulose, Ceilings, Dense Packed Behind 2” Thermax, R-37

Units: SF

Included Materials: Cellulose Insulation (“Borate Only” Grade) 2” Thermax
Necessary fasteners for Thermax sheathing
Replacement materials necessary for sealing access holes.

Scope of Work: The intent of this task is to apply the Thermax sheathing overhead to ceiling segment joists and install dense pack cellulose in the cavities behind.
All Thermax seams and all access holes must be sealed.

References: Maine Weatherization Standards
Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0062 Cellulose, Ceilings, Dense Packed Behind 2” Thermax, R-44

Units: SF

Included Materials: Cellulose Insulation (“Borate Only” Grade) 2” Thermax
Necessary fasteners for Thermax sheathing
Replacement materials necessary for sealing access holes.

Scope of Work: The intent of this task is to apply the Thermax sheathing overhead to ceiling segment joists and install dense pack cellulose in the cavities behind.
All Thermax seams and all access holes must be sealed.

References: Maine Weatherization Standards
Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0064 Cellulose, Open Wall Cavity, Dense Pack, R-11

Units: SF

Included Materials: Blown-in insulation, open cavity walls, cellulose, dense pack
Non-vapor retarder to be installed on cold side of wall under separate IR Task Code.
Necessary fasteners, strapping, etc. to secure non-vapor retarder will be installed under separate IR Task Code.
Top and bottom plate blockers will be installed under separate task code.

Scope of Work: This task assumes the cavity is an interior open cavity, e.g., knee wall.
Materials to contain and support dense pack cellulose will be installed under the appropriate IR Task Codes.

References: Maine Weatherization Standards
Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0066 Cellulose, Open Wall Cavity, Dense Pack, R-17

Units: SF

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

Included Materials: Blown-in insulation, open cavity walls, cellulose, dense pack
Non-vapor retarder to be installed on cold side of wall under separate IR Task Code.
Necessary fasteners, strapping, etc. to secure non-vapor retarder will be installed under separate IR Task Code.
Top and bottom plate blockers will be installed under separate task code.

Scope of Work: This task assumes the cavity is an interior open cavity, e.g., knee wall.
Materials to contain and support dense pack cellulose will be installed under the appropriate IR Task Codes.

References: Maine Weatherization Standards
Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0068 Cellulose, Open Slope Cavity, Dense Pack, R-17

Units: SF

Included Materials: Blown-in insulation, open cavity slopes, cellulose dense pack.
Vapor retarder to be installed on warm side of slope under separate IR Task Code.
Necessary fasteners, strapping, etc. to secure vapor retarder will be installed under separate IR Task Code.

Scope of Work: This task assumes the cavity is an interior open cavity, e.g., knee wall or attic slope.
Materials to contain and support dense pack cellulose will be installed under the appropriate IR Task Codes.

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0070 Cellulose, Open Slope Cavity, Dense Pack, R-24

Units: SF

- Included Materials:**
- Blown-in insulation, open cavity slopes, cellulose dense pack.
 - Vapor retarder to be installed on warm side of slope under separate IR Task Code.
 - Necessary fasteners, strapping, etc. to secure vapor retarder will be installed under separate IR Task Code

- Scope of Work:**
- This task assumes the cavity is an interior open cavity, e.g. knee wall or attic slope
 - Materials to contain and support dense pack cellulose will be installed under the appropriate IR Task Codes

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0072 Cellulose, Open Slope Cavity, Dense Pack, R-31

Units: SF

- Included Materials:**
- Blown-in insulation, open cavity slopes, cellulose dense pack.
 - Vapor retarder to be installed on warm side of slope under separate IR Task Code
 - Necessary fasteners, strapping, etc. to secure vapor retarder will be installed under separate IR Task Code

- Scope of Work:**
- This task assumes the cavity is an interior open cavity, e.g., knee wall or attic slope
 - Materials to contain and support dense pack cellulose will be installed under the appropriate IR Task Codes

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0074 Cellulose, Walls, Dense Pack, R-11

Units: SF

Included Materials:

- Cellulose insulation (“Borate only” grade)
- Necessary fasteners for siding / sheathing replacement materials necessary for sealing access holes

Scope of Work:

- Exterior siding will be lifted and replaced. The tube method will be used. Replace any damaged exterior siding with comparable material
- For interior installation, all drilled holes must be sealed: plugged and caulked if being covered with chair rail or, if left exposed, resurfaced to industry standards with joint compound and free of drying cracks
- Chair rail trim is a separate task
- Brick siding and double plaster walls may not be technically feasible and will not be requested under this task code (unusual situations may be negotiated on a case by case basis)

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

072-101-0076 Cellulose, Walls, Dense Pack, R-17

Units: SF

Included Materials:

- Cellulose insulation (“Borate only” grade)
- Necessary fasteners for siding / sheathing replacement materials necessary for sealing access holes

Scope of Work:

- Exterior siding will be lifted and replaced
- The tube method will be used.
- Replace any damaged exterior siding with comparable material
- For interior installation, all drilled holes must be sealed: plugged and caulked if being covered with chair rail or, if left exposed, resurfaced to industry standards with joint compound and free of drying cracks
- Chair rail trim is a separate task
- Brick siding and double plaster walls may not be technically feasible and will not be requested under this task code
- Unusual situations may be negotiated on a case by case basis

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-101-0078 Cellulose, Slopes, Dense Pack, R17

- Units:** SF
- Included Materials:**
- Cellulose insulation (“Borate only”)
 - Materials necessary for sealing access holes.
- Scope of Work:**
- Interior drilled holes must be filled and caulked
 - For sheetrock or plaster
 - The drilled hole is to be resurfaced with plaster or joint compound and be free of drying cracks.
 - Unusual situations maybe negotiated on a case by case basis
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-101-0080 Cellulose, Slopes, Dense Pack, R-24

- Units:** SF
- Included Materials:**
- Cellulose Insulation (“Borate Only”)
 - Materials necessary for sealing access holes.
- Scope of Work:**
- Interior drilled holes must be filled and caulked
 - For sheetrock or plaster the drilled hole is to be resurfaced with plaster or joint compound and be free of drying cracks
 - Unusual situations maybe negotiated on a case by case basis
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

072-101-0082 Cellulose, Slopes, Dense Pack, R-31

- Units:** SF
- Included Materials:**
- Cellulose insulation (“Borate only”)
 - Materials necessary for sealing access holes.
- Scope of Work:**
- Interior drilled holes must be filled and caulked
 - For sheetrock or plaster the drilled hole is to be resurfaced with plaster or joint compound and be free of drying cracks
 - Unusual situations maybe negotiated on a case by case basis
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-101-0084 Cellulose, Floors, Dense Pack, R-17

- Units:** SF
- Included Materials:**
- Cellulose insulation (“Borate only”)

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

- Plugs for the drilled holes, if required.
- Scope of Work:**
- Requires dense packing the floor cavity
 - **Note:** Labor to move material to access the floor will be covered under the task code, General Labor
- References:**
- Maine Weatherization Field Guide
 - Maine Weatherization Standards
- Categories of Work:** Conductive

072-101-0086 Cellulose, Floors, Dense Pack, R-24

- Units:** SF
- Included Materials:**
- Cellulose insulation (“Borate only”)
 - Plugs for the drilled holes, if required
- Scope of Work:**
- Requires dense packing the floor cavity
 - **Note:** Labor to move material to access the floor will be covered under the task code, General Labor
- References:**
- Maine Weatherization Field Guide
 - Maine Weatherization Standards
- Categories of Work:** Conductive

072-101-0088 Cellulose, Floors, Dense Pack, R-31

- Units:** SF
- Included Materials:**
- Cellulose insulation (“Borate only”)
 - Plugs for the drilled holes, if required
- Scope of Work:**
- Requires dense packing the floor cavity.
 - **Note:** Labor to move material to access the floor will be covered under the task code, General Labor
- References:**
- Maine Weatherization Field Guide
 - Maine Weatherization Standards
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0050 Fiberglass, Manufactured Home Walls, Blown-in Insulation, R-13

- Units:** SF
- Included Materials:**
- Loose fill fiberglass insulation (Insulsafe 3 or equal)
 - Necessary plugs
 - Fasteners
- Scope of Work:**
- Gain access by removing fasteners as necessary
 - Install Fiberglass insulation
 - Refasten siding appropriately
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-102-0052 Fiberglass Batt, Manufactured Home Walls, Batt Stuffing Method, R-11

- Units:** SF
- Included Materials:**
- Unfaced fiberglass batt insulation
 - Polyethylene, 6 mil.
- Scope of Work:**
- Gain access by removing fasteners as necessary
 - Push fiberglass wrapped in poly into cavity using Lexan stuffing method. Poly to face warm side only
 - Refasten siding appropriately
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-102-0102 Fiberglass, Manufactured Home Roof-Dome Cavity Plus Roof Over, From Top, R-25

- Units:** SF
- Included Materials:** Loose fill fiberglass insulation (Insulate 3 or equal)
- Scope of Work:**
- This task includes insulating both the existing bow truss roof system and the additional pitched roof system. Gain access to both roof cavities per work order
 - Fill bow truss system cavity with blown fiberglass per manufacturer's specifications
 - Gain access to pitched shingle roof cavity by ripping a 2" continuous strip on either side of the Roof peak
 - Fill pitched shingle roof system per work order
 - Re-installation of ridge vent shall be billed under a separate task code
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0104 Fiberglass, Manufactured Home Roof-Dome Cavity Plus Roof Over, From Top, R-30

- Units:** SF
- Included Materials:** Loose fill fiberglass insulation (Insulate 3 or equal)
- Scope of Work:**
- This task includes insulating both the existing bow truss roof system and the additional pitched roof system. Gain access to both roof cavities per work order
 - Fill bow truss system cavity with blown fiberglass per manufacturer's specifications
 - Gain access to pitched shingle roof cavity by ripping a 2" continuous strip on either side of the Roof peak
 - Fill pitched shingle roof system per work order
 - Re-installation of ridge vent shall be billed under a separate task code
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-102-0106 Fiberglass, Manufactured Home Roof-Dome Cavity Plus Roof Over, From Top, R-38

- Units:** SF
- Included Materials:** Loose fill fiberglass insulation (Insulate 3 or equal)
- Scope of Work:**
- This task includes insulating both the existing bow truss roof system and the additional pitched roof system
 - Gain access to both roof cavities per work order
 - Fill bow truss system cavity with blown fiberglass per manufacturer's specifications
 - Gain access to pitched shingle roof cavity by ripping a 2" continuous strip on either side of the Roof peak
 - Fill pitched shingle roof system per work order.
 - Re-installation of ridge vent shall be billed under a separate task code
- References:** Maine Weatherization Standards
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0110 Fiberglass, Manufactured Home Roof-Dome Cavity Plus Roof Over, From Top, R-49

Units: SF

Included Materials: Loose fill fiberglass insulation (Insulate 3 or equal)

Scope of Work:

- This task includes insulating both the existing bow truss roof system and the additional pitched roof system
- Gain access to both roof cavities per work order.
- Fill bow truss system cavity with blown fiberglass per manufacturer's specifications
- Gain access to pitched shingle roof cavity by ripping a 2" continuous strip on either side of the Roof peak
- Fill pitched shingle roof system per work order.
- Re-installation of ridge vent shall be billed under a separate task code.

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

072-102-0112 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Ridge or Gable vents, R-13

Units: SF

Included Materials:

- Loose fill fiberglass insulation (Insulate 3 or equal)
- Necessary fasteners

Scope of Work:

- Gain access to roof cavity per work order (gable or ridge vents)
- Fill cavity with blown fiberglass to manufacturer's specification
- Seal appropriately for ridge vent fill
- Gain access to roof cavity by ripping a 2" continuous strip on either side of the roof peak
- **Note:** Re-installation of ridge vent or gable vent shall be billed under a separate task code if needing replacement.

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0114 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Ridge or Gable Vents, R-19

Units: SF

- Included Materials:**
- Loose fill fiberglass insulation (Insulate 3 or equal)
 - Necessary fasteners

- Scope of Work:**
- Gain access to roof cavity per work order (gable or ridge vents)
 - Fill cavity with blown fiberglass to manufacturer's specifications
 - Seal appropriately for ridge vent fill
 - Gain access to roof cavity by ripping a 2" continuous strip on either side of the roof peak
 - **Note:** Re-installation of ridge vent or gable vent shall be billed under a separate task code if needing replacement

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

072-102-0116 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Ridge or Gable Vents, R-25

Units: SF

- Included Materials:**
- Loose fill fiberglass insulation (Insulate 3 or equal)
 - Necessary fasteners

- Scope of Work:**
- Gain access to roof cavity per work order (gable or ridge vents)
 - Fill cavity with blown fiberglass to manufacturer's specifications
 - Seal appropriately for ridge vent fill
 - Gain access to roof cavity by ripping a 2" continuous strip on either side of the roof peak.
 - **Note:** Re-installation of ridge vent or gable vent shall be billed under a separate task code if needing replacement

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0118 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Ridge or Gable Vents, R-30

Units: SF

Included Materials:

- Loose fill fiberglass insulation (insulate 3 or equal) \
- Necessary fasteners

Scope of Work:

- Gain access to roof cavity per work order (gable or ridgevents)
- Fill cavity with blown fiberglass to manufacturer's specifications
- Seal appropriately for ridge vent fill
- Gain access to roof cavity by ripping a 2" continuous strip on either side of the roof peak.
- **Note:** Re-installation of ridge vent or gable vent shall be billed under a separate task code if needing replacement.

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

072-102-0120 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Ridge or Gable Vents, R-38

Units: SF

Included Materials:

- Loose fill fiberglass insulation (insulate 3 or equal)
- Necessary fasteners

Scope of Work:

- Gain access to roof cavity per work order (gable or ridgevents)
- Fill cavity with blown fiberglass to manufacturer's specifications
- Seal appropriately for ridge vent fill
- Gain access to roof cavity by ripping a 2" continuous strip on either side of the roof peak.
- **Note:** Re-installation of ridge vent or gable vent shall be billed under a separate task code if needing replacement

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0122 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Ridge or Gable Vents, R-49

Units: SF

Included Materials:

- Loose fill fiberglass insulation (insulate 3 or equal)
- Necessary fasteners

Scope of Work:

- Gain access to roof cavity per work order (gable or ridge vents)
- Fill cavity with blown fiberglass to manufacturer's specifications
- Seal appropriately for ridge vent fill
- Gain access to roof cavity by ripping a 2" continuous strip on either side of the roof peak
- **Note:** Re-installation of ridge vent or gable vent shall be billed under a separate task code if needing replacement

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

072-102-0124 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Interior Ceiling, R-13

Units: SF

Included Materials:

- Loose fill fiberglass insulation (insulate 3 or equal)
- Plastic plugs
- Silicone caulking

Scope of Work:

- Gain access to roof cavity through ceiling
- Fill cavity with blown fiberglass to manufacturer's specifications
- Plug and seal holes appropriately

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

072-102-0126 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Interior Ceiling, R-19

Units: SF

Included Materials:

- Loose fill fiberglass insulation (Insulate 3 or equal)
- Plastic plugs
- Silicone caulking

Scope of Work:

- Gain access to roof cavity through ceiling
- Fill cavity with blown fiberglass to manufacturer's specifications
- Plug and seal holes appropriately

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0128 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Interior Ceiling, R-25

- Units:** SF
- Included Materials:**
- Loose fill fiberglass insulation (insulate 3 or equal)
 - Plastic plugs
 - Silicone caulking
- Scope of Work:**
- Gain access to roof cavity through ceiling
 - Fill cavity with blown fiberglass to manufacturer's specifications
 - Plug and seal holes appropriately
- References:** Maine Weatherization Standards
Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-102-0130 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Interior Ceiling, R-30

- Units:** SF
- Included Materials:**
- Loose Fill Fiberglass Insulation (Insulate 3 or Equal)
 - Plastic Plugs
 - Silicone Caulking
- Scope of Work:**
- Gain access to roof cavity through ceiling
 - Fill cavity with blown fiberglass to manufacturer's specifications
 - Plug and seal holes appropriately
- References:** Maine Weatherization Standards
Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-102-0132 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Interior Ceiling, R-38

- Units:** SF
- Included Materials:**
- Loose Fill Fiberglass Insulation (Insulate 3 or Equal)
 - Plastic Plugs
 - Silicone Caulking
- Scope of Work:**
- Gain access to roof cavity through ceiling.
 - Fill cavity with blown fiberglass to manufacturer's specifications.
 - Plug and seal holes appropriately.
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0134 Fiberglass, Manufactured Home Roof Cavity, Blown Insulation, From Interior Ceiling, R-49

- Units:** SF
- Included Materials:**
- Loose Fill Fiberglass Insulation (Insulate 3 or Equal) Plastic Plugs
 - Silicone Caulking
- Scope of Work:**
- Gain access to roof cavity through ceiling
 - Fill cavity with blown fiberglass to manufacturer's specifications
 - Plug and seal holes appropriately
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-102-0140 Fiberglass, Manufactured Home Belly, Blown-in Insulation, R-19

- Units:** SF
- Included Materials:**
- Loose fill fiberglass insulation (Insulsafe 3 or equal)
 - Necessary plugs
 - Fasteners
- Scope of Work:**
- Gain access by drilling skirt board or rodent shield as necessary
 - Plug and fill holes appropriately and in a permanent manner
 - It shall be the contractors responsibility to ensure the belly area and utilities are capable of accepting the installed insulation
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-102-0144 Fiberglass, Manufactured Home Belly, Blown-in Insulation, R-26

- Units:** SF
- Included Materials:**
- Loose fill fiberglass insulation (Insulsafe 3 or equal)
 - Necessary pugs
 - Fasteners
- Scope of Work:**
- Gain access by drilling skirt board or rodent shield as necessary
 - Plug and fill holes appropriately and in a permanent manner
 - It shall be the contractors responsibility to ensure the belly area and utilities are capable of accepting the installed insulation
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-102-0146 Fiberglass, Manufactured Home Belly, Blown-in Insulation, R30

Units: SF

- Included Materials:**
- Loose fill fiberglass insulation (Insulsafe 3 or equal)
 - Necessary plugs
 - Fasteners

- Scope of Work:**
- Gain access by drilling skirt board or rodent shield as necessary
 - Plug and fill holes appropriately and in a permanent manner
 - It shall be the contractors responsibility to ensure the belly area and utilities are capable of accepting the installed insulation

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

Categories of Work: Conductive

072-109-0005 Ductwork Insulation, 3” Thick Fiberglass, Single Faced Vinyl

Units: SF

- Included Materials:**
- Mesh reinforced single faced vinyl fiberglass perimeter wrap
 - Necessary fasteners
 - Proper tape or clinch staples as necessary

- Scope of Work:**
- Used for wrapping hot air ducts or insulating air exhaust piping in unconditioned areas
 - May be used as health and safety when insulating exhaust ducts against condensation in unconditioned areas, e.g., unconditioned attics or crawl spaces

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide

- Categories of Work:**
- Conductive
 - Health and Safety

072-109-0010 Perimeter Insulation, 3” Thick Fiberglass, Double Faced Vinyl

• **Units:** SF

- **Included Materials:**
- Mesh reinforced double faced vinyl fiberglass perimeter wrap 1x3 strapping
 - Necessary fasteners
 - Proper tape or clinch staples as necessary
 - Caulking

- **Scope of Work:**
- This fiberglass wrap used as basement perimeter wrap
 - The perimeter insulation shall be sealed and mechanically fastened with furring strips on all exposed edges

- **References:** Maine Weatherization Standards

- **Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-115-0005 Spray Foam, Perimeter Wall, No Thermal Barrier, Minimum R-13

Units: SF

Included Materials:

- Two part closed cell sprayed polyurethane foam insulation, fire retardant type.
- Thermal barrier is not required in non-occupiable areas

Scope of Work:

- Polyurethane closed cell foam sprayed onto interior concrete/masonry basement walls
- Maintain as even an overall spray foam coverage/density as possible. Foam insulation shall be installed per manufacturers' recommendations
- All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes.
- All electrical boxes will be accessible after spray foam installation

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide
- Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B

Categories of Work: Conductive

072-115-0006 Spray Foam, Perimeter Wall, With Thermal Barrier, Minimum R-13

Units: SF

Included Materials:

- Two part closed cell sprayed polyurethane foam insulation, fire retardant type approved 15 minute thermal barrier (per Maine State Fire Marshal)
- In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier

Scope of Work:

- Polyurethane closed cell foam sprayed onto interior concrete/ masonry basement walls
- Maintain as even an overall spray foam coverage/density as possible
- Foam insulation shall be installed per manufacturers' recommendations
- All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
- All electrical boxes will be accessible after spray foam installation

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide
- Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
- Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-115-0008 Spray Foam, Excessively Rough Rubble/Granite Foundation Walls, No Thermal Barrier, Minimum R-13

Units: SF

- Included Materials:**
- This task includes additional cost to achieve thorough coverage on excessively rough, (*i.e.*, indentations and crevices) rubble/stone foundation walls
 - Two part closed cell sprayed polyurethane foam insulation, fire retardant type

- Scope of Work:**
- Polyurethane closed cell foam sprayed onto interior rubble/stone foundation walls
 - Maintain as even an overall spray foam coverage/density as possible
 - Foam insulation shall be installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes. All electrical boxes will be accessible after spray foam installation

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-115-0009 Spray Foam, Excessively Rough Rubble/Granite Foundation Walls, With Thermal Barrier, Minimum R-13

Units: SF

- Included Materials:**
- This task includes additional cost to achieve thorough coverage on excessively rough, (*i.e.*, indentations and crevices) rubble/stone foundation walls
 - Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Approved 15 minute thermal barrier (per Maine State Fire Marshall)
 - In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier

- Scope of Work:**
- Polyurethane closed cell foam sprayed onto interior rubble/stone foundation walls
 - Maintain as even an overall spray foam coverage/density as possible
 - Foam insulation shall be installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes. All electrical boxes will be accessible after spray foam installation

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-115-0010 Spray Foam, Box Sills, With Thermal Barrier, Minimum R-13

Units: SF

- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Approved 15 minute thermal barrier (per Maine State Fire Marshall)
 - In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier

- Scope of Work:**
- Polyurethane closed cell foam sprayed onto interior box sills, band joists and/or studded skirt walls
 - Maintain as even an overall spray foam coverage/density as possible. Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes. All electrical boxes will be accessible after spray foam installation

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12

Categories of Work: Conductive

072-115-0011 Spray Foam, Box Sills, No Thermal Barrier, Minimum R-13

Units: SF

- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Thermal barrier is not required in non-occupiable areas

- Scope of Work:**
- Polyurethane closed cell foam sprayed onto interior box sills, band joists and/or studded skirt walls
 - Maintain as even an overall spray foam coverage/density as possible. Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
 - All electrical boxes will be accessible after spray foam installation

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B

Categories of Work: Conductive

072-115-0012 Spray Foam, Box Sills, No Thermal Barrier, Minimum R-19

Units: SF

- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

- type
 - Thermal barrier is not required in non-occupiable areas
- Scope of Work:**
- Polyurethane closed cell foam sprayed onto interior surface of box sills, band joists and/or studded skirt walls, as requested
 - Maintain as even an overall spray foam coverage/density as possible. Foam insulation
 - Installed per manufacturers' recommendations
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
- Categories of Work:** Conductive

072-115-0013 Spray Foam, Box Sills, With Thermal Barrier, Minimum R-19

- Units:** SF
- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Approved 15 minute thermal barrier (per Maine State Fire Marshall)
 - In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier
- Scope of Work:**
- Polyurethane closed cell foam sprayed onto interior box sills, band joists and/or studded skirt walls, as requested, fully coat with approved thermal barrier for occupiable areas
 - Maintain as even an overall spray foam coverage/density as possible. Foam insulation installed per manufacturers' recommendations
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-115-0015 Spray Foam, Stud Walls, No Thermal Barrier, Minimum R-21

- Units:** SF
- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Thermal barrier is not required in non-occupiable areas
- Scope of Work:**
- Polyurethane closed cell foam sprayed onto studded wall segments
 - .Maintain as even an overall spray foam coverage/density as possible. Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
 - All electrical boxes will be accessible after spray foam installation
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
- Categories of Work:** Conductive

072-115-0016 Spray Foam, Stud Walls, With Thermal Barrier, Minimum R-21

- Units:** SF
- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Approved 15 minute thermal barrier (per Maine State Fire Marshall)
 - In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier
- Scope of Work:**
- Polyurethane closed cell foam sprayed onto exterior surface of studded wall segments
 - Maintain as even an overall spray foam coverage/density as possible
 - Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
 - All electrical boxes will be accessible after spray foam installation
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-115-0020 Spray Foam, Stud Walls, No Thermal Barrier, Minimum R-35

Units: SF

- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Thermal barrier is not required in non-occupiable areas

- Scope of Work:**
- Polyurethane closed cell foam sprayed onto studded wall segments
 - Maintain as even an overall spray foam coverage/density as possible
 - Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
 - All electrical boxes will be accessible after spray foam installation

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B

Categories of Work: Conductive

072-115-0024 Spray Foam, Stud Walls, With Thermal Barrier, Minimum R-35

Units: SF

- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Approved 15 minute thermal barrier (per Maine State Fire Marshall)
 - In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier

- Scope of Work:**
- Polyurethane closed cell foam sprayed onto studded wall segments
 - Maintain as even an overall spray foam coverage/density as possible
 - Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes. All electrical boxes will be accessible after spray foam installation

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-115-0025 Spray Foam, Ceiling, No Thermal Barrier, Minimum R-35

Units: SF

Included Materials:

- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
- Thermal barrier is not required in non-occupiable areas

Scope of Work:

- Polyurethane closed cell foam sprayed onto overhead framed ceiling or slope segments, e.g., crawl space ceilings, attic slopes
- Maintain as even an overall spray foam coverage/density as possible.
- Foam insulation installed per manufacturers' recommendations.
- All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
- All electrical boxes will be accessible after spray foam installation

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide
- Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B

Categories of Work: Conductive

072-115-0026 Spray Foam, Ceiling, With Thermal Barrier, Minimum R-35

Units: SF

Included Materials:

- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
- Approved 15 minute thermal barrier (per Maine State Fire Marshall)
- In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier

Scope of Work:

- Polyurethane closed cell foam sprayed onto overhead framed ceiling or slope segments, e.g., crawl space ceilings, attic slopes
- Maintain as even an overall spray foam coverage/density as possible
- Foam insulation installed per manufacturers' recommendations
- All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
- All electrical boxes will be accessible after spray foam installation

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide
- Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
- Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16

Categories of Work: Conductive

072-115-0030 Spray Foam, Ceiling, No Thermal Barrier, Minimum R-21

Units: SF

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Thermal barrier is not required in non-occupiable areas
- Scope of Work:**
- Polyurethane closed cell foam sprayed onto overhead framed ceiling or slope segments, e.g., crawl space ceilings, attic slopes
 - Maintain as even an overall spray foam coverage/density as possible
 - Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
 - All electrical boxes will be accessible after spray foam installation
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
- Categories of Work:** Conductive

072-115-0032 Spray Foam, Ceiling, With Thermal Barrier, Minimum R-21

- Units:** SF
- Included Materials:**
- Two part closed cell sprayed polyurethane foam insulation, fire retardant type
 - Approved 15 minute thermal barrier (per Maine State Fire Marshall)
 - In addition to occupant living space, any space that is accessed for servicing systems or equipment is considered occupiable and requires ignition or thermal barrier
- Scope of Work:**
- Polyurethane closed cell foam sprayed onto overhead framed ceiling or slope segments, e.g., crawl space ceilings, attic slopes
 - Maintain as even an overall spray foam coverage/density as possible
 - Foam insulation installed per manufacturers' recommendations
 - All electrical boxes will be covered with masking tape to prevent spray foam from entering boxes
 - All electrical boxes will be accessible after spray foam installation
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16
- Categories of Work:** Conductive

072-116-0010 Extruded Polystyrene Insulation, (XPS), Non-occupiable Space2" R-10,

- Units:** SF
- Included Materials:**
- Polystyrene rigid insulation
 - Necessary fasteners
 - Product-specific materials for sealing seams and penetrations

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

- Scope of Work:**
- Install insulation in the requested location.
 - **Note:** May NOT be used in any living space or space that is or accessed for servicing systems or equipment
 - Shall be covered or coated for protection from sunlight on exterior.
 - Protective coating/covering shall be billed under another task code

References: Maine Weatherization Standards

Categories of Work: Conductive

072-116-0011 Polyisocyanurate Insulation, Fire Rated, (e.g., Thermax) Occupiable Space, 2” R-13,

Units: SF

- Included Materials:**
- Polyisocyanurate (e.g., Thermax) rigid insulation
 - Necessary fasteners
 - Product-specific materials for sealing edges, seams, and penetrations

- Scope of Work:**
- Install insulation in the requested location
 - May be installed in occupiable spaces without thermal barrier
 - Shall be covered or coated for protection from sunlight on exterior and billed under another task code

References: Maine Weatherization Standards

Categories of Work: Conductive

072-116-0012 Polyisocyanurate Insulation, Fire Rated (e.g., Thermax) Occupiable Space, 4”, R-26

Units: SF

- Included Materials:**
- Polyisocyanurate (e.g., Thermax) rigid insulation
 - Necessary adhesive
 - Necessary fasteners
 - Product-specific materials for sealing edges, seams, and penetrations

- Scope of Work:**
- Install insulation in the requested location
 - May be installed in occupiable spaces without thermal barrier
 - Shall be covered or coated for protection from sunlight on exterior and shall be billed under another task code

References: Maine Weatherization Standards

Categories of Work: Conductive

072-116-0015 Extruded Polystyrene Insulation (XPS), Box Sill/Band Joist, Non-occupiable Space, 2”, R-10

Units: SF

- Included Materials:**
- Polystyrene rigid insulation
 - Necessary fasteners
 - Clear silicone

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

- Caulk
 - Expanding foam
- Scope of Work:**
- Airseal Box sill/band/joist prior to installation of the rigid insulation
 - Install insulation in the requested location
 - **Note:** May NOT be used in any living space or space that is or accessed for servicing systems or equipment
 - All joints between thermal barrier, wood framing and foundation shall be sealed.
- References:** Maine Weatherization Standards
- Categories of Work:** Conductive

072-116-0016 Polyisocyanurate Insulation, Fire Rated (e.g., Thermax), Box Sill/Band Joist, Occupiable Space, 2", R-13

- Units:** SF
- Included Materials:**
- Thermax rigid insulation
 - Necessary fasteners
 - Clear silicone
 - Caulk
 - Expanding foam
- Scope of Work:**
- Air seal box sill/band joist prior to installation of the Thermax insulation
 - May be installed in occupiable spaces without thermal barrier
 - Install insulation in requested box sill /band joist areas
 - All joints between insulation, wood framing and foundation shall be sealed
- References:** Maine Weatherization Standards
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-116-0017 Extruded Polystyrene Insulation (XPS), Non-occupiable Space, 4", R-26

Units: SF

- Included Materials:**
- Polystyrene rigid insulation
 - Necessary adhesive
 - Necessary fasteners

- Scope of Work:**
- Install insulation in the requested location
 - **Note:** May NOT be used in any living space or space that is or accessed for servicing systems or equipment
 - Shall be covered or coated for protection from sunlight on exterior
 - Protective coating/covering shall be billed under another task code

References: Maine Weatherization Standards

Categories of Work: Conductive

072-116-0018 Extruded Polystyrene Insulation (XPS), Non-occupiable Space, 10", R-50

Units: SF

- Included Materials:**
- Polystyrene rigid insulation
 - Necessary adhesive
 - Necessary fasteners

- Scope of Work:**
- Install insulation in the requested location
 - **Note:** May NOT be used in any living space or space that is or accessed for servicing systems or equipment
 - This task will likely be for an existing attic hatch upgrade

References: Maine Weatherization Standards

Categories of Work: Conductive

072-116-0019 Polyisocyanurate Insulation, Fire Rated (e.g., Thermax) Occupiable Space, 8", R-52

Units: SF

- Included Materials:**
- Polyisocyanurate (e.g., Thermax) rigid insulation
 - Necessary adhesives
 - Necessary fasteners
 - Product-specific materials for sealing edges, seams and penetrations

- Scope of Work:**
- Install insulation in the requested location. May be installed in occupiable spaces without thermal barrier.
 - Exposed edges must be covered
 - This task will likely be for an existing attic hatch upgrade

References: Maine Weatherization Standards

Categories of Work: Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-118-0004 Mineral Wool Batt (e.g., Roxul) 3-1/2" x 16", R-15

- Units:** SF
- Included Materials:**
- Mineral wool batt of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Installation of mineral wool batt in desired location per work order
 - Installer shall provide to client dated signed documentation in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-118-0007 Mineral Wool Batt (e.g., Roxul) 3-1/2" x 24", R-15

- Units:** SF
- Included Materials:**
- Mineral wool batt of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Installation of mineral wool batt in desired location per work order
 - Installer shall provide dated, signed documentation to client in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-118-0008 Mineral Wool Batt (e.g., Roxul) 5-1/2" x 16", R-23

- Units:** SF
- Included Materials:**
- Mineral wool batt of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Installation of mineral wool batt in desired location per work order
 - Installer shall provide dated, signed documentation to client in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-118-0009 Mineral Wool Batt (e.g., Roxul) 5-1/2" x 24", R-23

- Units:** SF
- Included Materials:**
- Mineral wool batt of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Installation of mineral wool batt in desired location per work order
 - Installer shall provide dated, signed documentation to client in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-118-0006 Fiberglass Batt, Unfaced, General Purpose, R-11

- Units:** SF
- Included Materials:**
- Fiberglass of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Install in attic, wall or floor areas per work order
 - If insulation requires a vapor retarder, the vapor retarder shall face the conditioned space, warm side
 - If there's a need for covering insulation, it will be covered under other task codes
 - Installer shall provide to client dated signed documentation in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-118-0016 Fiberglass Batt, Unfaced, General Purpose, R-19

- Units:** SF
- Included Materials:**
- Fiberglass of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Install in attic, wall or floor areas per work order
 - If insulation requires a vapor retarder, the vapor retarder shall face the conditioned space, warm side
 - If there's a need for covering insulation, it will be addressed under other task codes
 - Installer shall provide to client dated signed documentation in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

072-118-0031 Mineral Wool Batt (e.g., Roxul) 7-1/2" x 16", R-30

- Units:** SF
- Included Materials:**
- Mineral wool batt of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Installation of mineral wool batt in desired location per work order
 - Installer shall provide dated, signed documentation to client in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-118-0032 Mineral Wool Batt (e.g., Roxul) 7-1/2" x 24", R-30

- Units:** SF
- Included Materials:**
- Mineral wool batt of the correct width
 - Appropriate fasteners
- Scope of Work:**
- Installation of mineral wool batt in desired location per work order
 - Installer shall provide to client dated signed documentation in accordance with SWS, 4.1005.1c
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Conductive

072-550-1500 Approved Fire Retardant Thermal Barrier, Intumescent Fire Retardant Paint Spray Covering, for Two Part, Closed Cell, Sprayed Polyurethane Foam Insulation

- Units:** SF
- Included Materials:** Approved fire retardant thermal barrier cover material, spray on, intumescent paint covering.
- Scope of Work:**
- Install per manufacturers' instructions
 - Approved thermal barrier paint shall be applied per manufacturer's specifications and verified with one wet mil gauge per wall surface (minimum)
 - The two part closed cell polyurethane sprayed foam insulation to be covered is called for under other task codes
- References:**
- Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention, Insulation, Title 25, 2447-B
 - Office of Maine State Fire Marshal, memos dated: 11/20/09, 1/17/12, 11/18/13, 8/6/14, 6/15/16
- Categories of Work:**
- Incidental Repair, Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

073 Shingles and Roofing

073-104-0005 Asphalt, Standard Strip Shingles

Units:	SF
Included Materials:	Asphalt shingles, with min 20 year warranty disposal of all residual roofing material
Scope of Work:	<ul style="list-style-type: none">• Install asphalt shingles over existing roofing and if necessary, include ridge cap shingles/ or, install to replace ridge cap after accessing manufactured home roof cavity from ridge• Installed per manufacturers specifications• If roof needs to be stripped (if two or more layers of roofing exist or if the condition of existing roofing is extreme) it will be covered under another task
References:	Install per manufacturers recommendations
Categories of Work:	Incidental Repair

073-104-0010 Asphalt, Shingle Removal, 2 or More Layers

Units:	SF
Included Materials:	Disposal Fee
Scope of Work:	<ul style="list-style-type: none">• Strip roof shingles down to existing boards /sheathing and dispose of• Cost per square to include disposal fee replacement of roof boards / sheathing area• Replacement need of greater than 10% of roof boards / sheathing area will be dealt with on a case by case basis
References:	None
Categories of Work:	Incidental Repair

073-108-0005 White Cedar Shingles, Wood, Grade B (Clear), Exterior Walls

Units:	SF
Included Materials:	<ul style="list-style-type: none">• Cedar shingles, grade b (clear)• Necessary fasteners• Disposal of any residual or removed shingles flashing• Treatment per work order
Scope of Work:	<ul style="list-style-type: none">• Exposure and horizontal alignment will match the other shingles on the structure• Must be treated on all sides
References:	Install per best practices and manufacturers recommendations
Categories of Work:	Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

074 Roofing and Siding

074-101-0005 Metal Roofing, Corrugated, .016" Thick, Mill Finish

- Units:** SF
- Included Materials:**
- Galvanized steel roofing, minimum 29 gauge, .016" thick
 - Necessary fasteners
 - Disposal of all residual roofing material
- Scope of Work:**
- Install roofing per manufacturer's recommendations
 - If roof needs to be stripped it will be covered under another task code
- References:** Install per manufacturers recommendations
- Categories of Work:** Incidental Repair

074-609-0005 Wood Siding, Clapboards, Natural, Clear Select Pine, 1/2" x 6"

- Units:** SF
- Included Materials:**
- Clear select pine clapboards
 - Necessary fasteners
 - Treated, per work order
 - Disposal of any residual or removed clapboards
- Scope of Work:**
- Attach clapboards with an exposure and horizontal alignment to match the rest of the structure
 - Apply flashing over doors and windows
 - Must be treated on all sides
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Incidental Repair

074-611-0005 Wood Siding, Sheets, Texture T 1-11, Fir, Natural, 5/8"

- Units:** SF
- Included Materials:**
- T 1-11 plywood siding
 - Necessary fasteners
 - Necessary flashings
 - T1-11 drip cap disposal of any residual or removed siding
- Scope of Work:**
- Attach siding in requested locations
 - Must be treated on all sides
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

075 Membrane Roofing

075-101-0005 Asphalt Coated Felt, #15 lb, 4 Sq. Per Roll, Plain

Units:	SF
Included Materials:	<ul style="list-style-type: none">• 15 lb felt• Necessary fasteners
Scope of Work:	Installation of 15 lb felt.
References:	Install per manufacturers recommendations
Categories of Work:	Incidental Repair

075-101-0015 Asphalt, Roll Roofing, Mineralized, 90 lb

Units:	SF
Included Materials:	<ul style="list-style-type: none">• Rolled roofing requested• Necessary fasteners (nails)• Disposal of any residual or removed roofing
Scope of Work:	<ul style="list-style-type: none">• Installed rolled roofing with nails• Replacement or installation of a ridge cap is required, if appropriate• If roof needs to be stripped it will be covered under another task
References:	Install per manufacturers recommendations
Categories of Work:	Incidental Repair

075-101-0016 Asphalt, Roll Roofing, Mineralized, 90 lb (Basement Safety- Walking Surface)

Units:	SF
Included Materials:	Rolled roofing
Scope of Work:	Installation of roofing over installed poly in basement/crawlspaces
References:	Install per manufacturers recommendations
Categories of Work:	Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

075-101-0020 Asphalt, Mineralized, Double Coverage, 19” Selvage Edge

- Units:** SF
- Included Materials:**
- Rolled roofing requested
 - Necessary fasteners (nails)
 - Disposal of any residual or removed roofing
- Scope of Work:**
- Installed rolled roofing with nails
 - Replacement or installation of a ridge cap is required, if appropriate
 - If roof needs to be stripped it will be covered under another task
- References:** Install per manufacturers recommendations
- Categories of Work:** Incidental Repair

075-150-0021 Vent Pipe Roof Boot, Residential Grade, Aluminum

- Units:** EA
- Included Materials:**
- Vent pipe roof boot necessary fasteners
 - Necessary sealant
- Scope of Work:**
- Installation of the vent pipe boot to roof deck
 - Weatherproof perimeter of unit using exterior grade sealant
 - Tie existing shingles into installation to trade standards
- References:** Install per manufacturers recommendations
- Categories of Work:**
- Incidental Repair
 - Health and Safety

075-150-0025 Roofing, Membrane, Self-Adhesive, “Peel and Seal, Grace Ice and Water Shield” or Equal

- Units:** SF
- Included Materials:** Foil faced peel and seal grace ice and water shield or equal fibered aluminum roof coating, if necessary
- Scope of Work:**
- Membrane may be used on mobile home roof seams and holes or any conventional roofing system
 - Unfaced membrane must be covered, may not be exposed to UV Light
- References:** Install per manufacturers specifications
- Categories of Work:** Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

075-604-0005 Roof Coating, Asphalt Base, Fibered Aluminum

Units: SF
Included Materials: Fibered aluminum roof coating
Scope of Work: Requested type of roof coating on mobile home roofs
References: Install per manufacturers recommendations
Categories of Work: Incidental Repair

075-604-0010 Roof Coating, Asphalt Base, Neoprene

Units: SF
Included Materials: Asphalt base neoprene roof coating
Scope of Work: Requested type of roof coating
References: Install per manufacturers specifications
Categories of Work: Incidental Repair

075-604-0015 Roof Coating, Asphalt Base, Roof Patch and Flashing Cement

Units: SF
Included Materials: Asphalt base roof cement
Scope of Work: Requested type of roof cement
References: Install per manufacturers recommendations
Categories of Work: Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

076 Flashing and Sheet Metal

076-202-0005 Drip Edge, Aluminum, .016", 8" Girth, Mill Finish

Units:	LF
Included Materials:	Aluminum drip edge necessary fasteners
Scope of Work:	Apply drip edge
References:	Install per manufacturers recommendations
Categories of Work:	Incidental Repair

076-202-0010 Drip Edge, Galvanized, .016" 8" Girth, Mill Finish

Units:	LF
Included Materials:	Galvanized drip edge necessary fasteners
Scope of Work:	Apply drip edge
References:	Install per manufacturers recommendations
Categories of Work:	Incidental Repair

076-204-0005 Flashing, Aluminum, .016" Mill Finish

Units:	SF
Included Materials:	Aluminum flashing necessary fasteners
Scope of Work:	<ul style="list-style-type: none">• Install flashing in sheets or as step flashing• Remove any siding or chimney mortar to ensure proper seating of flashing
References:	Install per best practices and manufacturers recommendations
Categories of Work:	Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

076-204-0010 Sheet Metal, Galvanized, 26 Gauge, Chimney By-Pass Sealing

Units: SF

- Included Materials:**
- Galvanized sheet metal, minimum 26 gauge hi-temp
 - Caulking to heat source
 - Caulking to ceiling joists
 - Necessary fasteners

- Scope of Work:**
- Attach sheeting to seal against the passage of air through the space surrounding the chimney. This will at times require the construction of nailing surfaces to secure the sheeting
 - Space between the chimney and the by-pass sheeting must be sealed with high temperature caulking
 - The connection of the underside of the flashing to the top of the ceiling joist to be sealed as well to assure an airtight seal
 - This treatment could be requested in the cellar, attic, or interior partition

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Maine NFPA 211: Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances

Categories of Work: Infiltration

076-204-0015 Sheet Metal Ring, Galvanized, 26 Gauge, Chimney By-Pass Sealing, Manufactured Home

Units: EA

- Included Materials:**
- Galvanized sheet metal ring, minimum 26 gauge
 - Hi-temp caulking at heat source
 - Necessary fasteners

- Scope of Work:**
- Attach metal ring to seal against the passage of air through the space surrounding the chimney. This will at times require the construction of nailing surfaces to secure the metal ring
 - Space between the chimney and the metal ring must be sealed with high temperature caulking
 - This treatment usually would be requested in a manufactured home

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Maine NFPA 211: Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

076-204-0100 Sheet Metal, Galvanized/Aluminum, Manufactured Home, Heating Ducts or Exterior Siding Repair

Units: SF

Included Materials:

- Sheet metal and/or aluminum requested material and gauge
- Caulking
- Necessary fasteners

Scope of Work:

- Install sheet metal or aluminum to heating ducts or exterior walls
- Sheet metal installed on exterior requires moisture proofing

References: None

Categories of Work:

- Infiltration
- Incidental Repair
- Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

077 Roof Sheathing Vents

077-212-0011 Plastic Rafter Vent With Air Dam, 16" x 48"

- Units:** EA
- Included Materials:**
- Rafter vent with air dam
 - Necessary fasteners
- Scope of Work:**
- Requires placing rafter vent with air dam to insure an air channel is maintained between the insulation and the roof sheathing. This could involve placing plastic rafter vent in slopes with limited access
 - Air dam to be attached to the top of exterior wall plate
 - This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Install per manufacturers recommendations
- Categories of Work:**
- Incidental Repair
 - Health and Safety

077-212-0012 Plastic Rafter Vent With Air Dam, 24" x 48"

- Units:** EA
- Included Materials:**
- Rafter vent with air dam
 - Necessary fasteners
- Scope of Work:**
- Requires placing rafter vent with air dam to insure an air channel is maintained between the insulation and the roof sheathing. This could involve placing plastic rafter vent with air dam in slopes with limited access.
 - Air dam to be attached to the top of exterior wall plate.
 - This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed.
- References:** Install per manufacturers recommendations
- Categories of Work:**
- Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

077-212-0013 Blocking for Soffit Venting and/or Joist Bays

Units: EA

- Included Materials:**
- 2" rigid insulation or 1/2" plywood
 - Necessary fasteners
 - Canned foam

- Scope of Work:**
- Install the blocking in the requested cavities or knee wall cavities blocking shall be installed tight fitting and be secured on all edges to prevent insulation from entering the soffit
 - May be used as a Health and Safety measure only when used to block soffits 3' on either side of a fan that exhausts through the soffit

References: Maine Weatherization Standards

- Categories of Work:**
- Incidental Repair Infiltration
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

079 Joint Sealer, Caulking and Sealants

079-204-0005 Caulking, Acrylic Latex Based

Units:	LF
Included Materials:	Interior Acrylic Latex
Scope of Work:	Filling cracks up to widths of 3/8" with suitable materials, if necessary, and sealing the surface with caulking
References:	<ul style="list-style-type: none">• Install per best practices and manufacturers recommendations• Maine Weatherization Field Guide
Categories of Work:	Infiltration

079-204-0010 Caulking, Silicone Based

Units:	LF
Included Materials:	Interior clear paintable silicone
Scope of Work:	Filling cracks up to widths of 3/8" with suitable materials, if necessary, and sealing the surface with caulking
References:	<ul style="list-style-type: none">• Install per best practices and manufacturers recommendations• Maine Weatherization Field Guide
Categories of Work:	Infiltration

079-204-0011 Hi-Temperature Caulking

Units:	LF
Included Materials:	Hi temperature caulking
Scope of Work:	Filling cracks up to widths of 3/8" with suitable materials
References:	<ul style="list-style-type: none">• Install per best practices and manufacturers recommendations• Maine Weatherization Field Guide
Categories of Work:	Infiltration

079-204-0015 Caulking, Foam, 24 oz. Can

Units:	EA
Included Materials:	Insulating foam in a can (24oz)
Scope of Work:	Filling cavities and/or penetrations with insulating foam
References:	<ul style="list-style-type: none">• Install per best practices and manufacturers recommendations• Maine Weatherization Field Guide
Categories of Work:	Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

079-204-0020 Air Sealing Skim Coat, Sprayed Foam, Polyurethane, Closed Cell

Units: BF

Included Materials: Polyurethane, closed cell foam insulation, fire retardant type

Scope of Work:

- If in occupiable space, approved thermal barrier will be covered under a separate task code
- Filling cavities and/or sealing interior and exterior wall joints, plumbing chases, electrical penetrations, all from the attic or open wall side with nominal depth of 1" or less for air sealing purposes only
- Existing insulation shall be pulled back so as to expose the top plates of interior / exterior walls prior to foaming
- Existing insulation shall be properly reinstalled
- Cavities around chimneys must not be filled
- Chimney cavities are dealt with under another task code

References:

- Maine Weatherization Standards
- Office of Maine State Fire Marshal, 2009, Fire Service Rules, Chapter II, Fire Prevention Insulation, Title 25, 2447-B

Categories of Work: Infiltration

079-204-0030 Tape and Mud Existing Drywall

Units: LF

Included Materials:

- Joint compound
- Joint tape

Scope of Work:

- Tape and mud existing drywall joints
- 1 coat, to trade standards

References: Install per best practices and manufacturers recommendations

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

082 Replacement Doors

082-078-0005 Energy Star Rated Steel Insulated Exterior Door, Flush, Foam Core, Blank, 1-3/4" x 2'8" x 6'8"

Units: EA

Included Materials:

- Energy star rated solid core insulated door, 6 panel lock set
- Butt hinges
- Necessary fasteners

Scope of Work:

- Install new door in an existing door frame.
- **Note:** A new door frame or repair of an existing frame will be covered by other task codes
- All surfaces must be sealed as necessary per work order
- Dispose of all debris

References: Install per best practices and manufacturers recommendations

Categories of Work: Infiltration

082-078-0010 Energy Star Rated Steel Insulated Exterior Door, Flush, Foam Core, Blank, 1-3/4" x 3' x 6'8"

Units: EA

Included Materials:

- Energy star rated solid core insulated door, 6 panel lock set
- Butt hinges
- Necessary fasteners

Scope of Work:

- Install new door in an existing door frame.
- **Note:** A new door frame or repair of an existing frame will be covered by other task codes
- All surfaces must be sealed as necessary per work order. Dispose of all debris

References: Install per best practices and manufacturers recommendations

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

082-078-0011 Metal Door, Full Louvered, 1-1/8" x 2'0" x 6'6" (Average Size)

- Units:** EA
- Included Materials:**
- Full louvered door
 - Latching mechanism hinges
 - Necessary fasteners
- Scope of Work:**
- New full louvered door will be called for to replace an existing manufactured home furnace closet door
 - Louvered door shall be sized to fit existing door opening as close as possible (usually no door frame will be required)
 - Dispose of the existing furnace closet door
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Health and Safety

082-078-0015 Wood Door, Full Louvered, 1-1/8" x 2'0" x 6'6" (Average Size)

- Units:** EA
- Included Materials:**
- Full louvered door
 - Latching mechanism hinges
 - necessary fasteners
- Scope of Work:**
- Sealed as necessary all sides per work order
 - New full louvered door will be called for to replace an existing manufactured home furnace closet door
 - Louvered door shall be sized to fit existing door opening as close as possible (usually no door frame will be required)
 - Dispose of the existing furnace closet door
 - All surfaces must be sealed as necessary per work order
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Health and Safety

082-082-0005 Energy Star Rated Insulated Metal Door, 6 Panel, Pre-Hung Entrance, Flush, Foam Core, 1-3/4" x 2'8" x 6'8", Includes a 4-5/8" Solid Jamb

- Units:** EA
- Included Materials:**
- New energy star rated pre-hung door unit
 - Complete lock set
 - Weatherstrip drip cap
 - Interior molding
 - Necessary fasteners
- Scope of Work:**
- Installation of a complete pre-hung door unit
 - Dispose of all debris
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

082-082-0010 Energy Star Rated Insulated Metal Door, 6 Panel Pre-Hung Entrance, Flush, Foam Core, 1-3/4" x 3'.0" x 6'8" with a 4-5/8" Solid Jamb

Units: EA

- Included Materials:**
- New energy star rated pre-hung door unit
 - Complete lock set
 - Weatherstrip
 - Drip cap
 - Interior moldings
 - Necessary fasteners

- Scope of Work:**
- Installation of a complete pre-hung door unit
 - Dispose of all debris
 - Installation of a complete pre-hung door unit

References: Install per best practices and manufacturers recommendations

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

083 Special Purpose Doors

083-720-0100 Replacement Door, Energy Star Rated Single, Manufactured Home, with Lite

- Units:** EA
- Included Materials:**
- New manufactured home energy star rated replacement door with safety glass
 - Lockset
 - Drip cap
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installation of a complete pre-hung door unit
 - Dispose of all debris
- References:** Maine Weatherization Standards
- Categories of Work:** Infiltration

083-720-0105 Replacement Door, Energy Star Rated with Storm Door, Manufactured Home, with Lite

- Units:** EA
- Included Materials:**
- New manufactured home energy star rated combination replacement door
 - Lockset
 - Drip cap
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installation of a complete pre-hung door unit with storm door
 - Dispose of all debris
- References:** Maine Weatherization Standards
- Categories of Work:** Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

086 Windows

086-148-0015 Cellar Sash

- Units:** EA
- Included Materials:**
- Cellar window sash
 - Necessary fasteners and hardware
- Scope of Work:**
- Primed/sealed as necessary per work order
 - Install new cellar window sash
 - Materials to construct a new cellar window sash frame or repair of an existing frame will be listed under the appropriate task code
 - All surfaces must be primed/sealed as necessary
 - Dispose of all debris
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Infiltration

086-148-0020 Cellar Replacement Window, Wood or Vinyl Maximum 20" x 36"

- Units:** EA
- Included Materials:**
- Vinyl insulated or wood primed double pane unit
 - Necessary fasteners and hardware
- Scope of Work:**
- Primed/Sealed as Necessary Per Work Order
 - Remove old sash and frame.
 - Install new vinyl or wood primed double pane unit
 - Air seal with appropriate material (caulking or foam)
 - All surfaces must be primed/sealed as necessary per work order
 - Dispose of all debris
 - **Note:** Trim is a separate task code
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

086-148-0021 Insulated Cellar Window Insert, Maximum 20" x 36"

Units: EA

- Included Materials:**
- Insulated basement window insert
 - 2" rigid polystyrene insulation
 - 2" x 4" framing PT plywood
 - Weatherstrip
 - Necessary fasteners and hardware

- Scope of Work:**
- Remove old sash or unit including framing
 - Construct new insulated window insert
 - Insulated insert will be constructed with 2" x 4" PT framing and plywood, 2" rigid polystyrene insulation and weatherstrip
 - Install with at least 2 turn buttons, and handle

References: Install per best practices and manufacturers recommendations

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

087 Hardware

087-120-0005 Lockset, Residential, Exterior

Units:	EA
Included Materials:	Exterior keyed lockset (Schlage F Series; Kwikset Titan 740 Cortez, or equal)
Scope of Work:	<ul style="list-style-type: none">• Installation of requested lockset and/or passage set• The same task code will be used for an interior passage set (if called for) and must be of the same quality
References:	Install per manufacturers recommendations
Categories of Work:	Infiltration

087-120-0010 Lockset Adaptor (Modernization Kit)

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Modernization kit• Necessary fasteners
Scope of Work:	Installation of door modernization kit on existing doors
References:	Install per manufacturers recommendations
Categories of Work:	Infiltration

087-134-0005 Window Hardware, Latches (Sash Locks)

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Top mount sash locks (cam-type locks only) or side mount sash locks• Necessary shims• Fasteners
Scope of Work:	Installation of any of either type of sash lock
References:	Install per manufacturers recommendations
Categories of Work:	Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

087-134-0100 Window Hardware, Awning Window, Manufactured Home, Spring Clips

Units:	PR
Included Materials:	<ul style="list-style-type: none">• Window spring clips• Spacers as required• Necessary fasteners
Scope of Work:	Installation of window spring clips, quantity and location per work order
References:	Install per manufacturers recommendations
Categories of Work:	Infiltration

087-134-0105 Miscellaneous Hardware

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Hook and eyes• Barrel bolts• Spring clips• Hinges, etc. (if ordered per work order)
Scope of Work:	Installation of miscellaneous hardware, quantity and location per work order
References:	Install per manufacturers recommendations
Categories of Work:	Infiltration

087-306-0015 Weatherstrip, Door Kit, Silicone

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Q-Ion; positive energy, or equal caulking• Necessary fasteners
Scope of Work:	<ul style="list-style-type: none">• Install and caulk, if necessary, between the weatherstrip and the door jamb• Install silicone bulb weatherstrip as instructed
References:	Install per manufactures recommendations
Categories of Work:	Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

087-306-0018 Weatherstrip, Door, Continuous Roll

Units:	LF
Included Materials:	<ul style="list-style-type: none">• Silicone type bulb• Weatherstrip rolls• Caulking• Necessary fasteners
Scope of Work:	<ul style="list-style-type: none">• This weatherstrip usually will be called for an oversized doors, such as cellar and/or bulkhead doors• Install and caulk, if necessary, between the weatherstrip and the door jamb• Install silicone type bulb weatherstrip as instructed
References:	Install per manufacturers recommendations.
Categories of Work:	Infiltration

087-306-0020 Weatherstrip, Threshold, Door Sweep, Fixed

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Door sweep• Necessary fasteners
Scope of Work:	Remove manufacturer installed sweep on underside of door and replace per work order
References:	Install per manufacturers recommendations
Categories of Work:	Infiltration

087-306-0025 Weatherstrip, Threshold Door Sweep, Flex

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Door sweep• Necessary fasteners
Scope of Work:	Install single or triple vinyl weatherstrip per work order
References:	Install per manufacturers recommendations
Categories of Work:	Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

088 Glazing

088-176-0005 Window Glass, Replace, Max Size 9 SF

- Units:** SF
- Included Materials:**
- Single strength glass (SSB), size per work order
 - Window points
 - Siliconized glazing compound
- Scope of Work:**
- Remove and dispose of the broken glass
 - No single glass replacement shall exceed 9 sf
- References:**
- Install per best practices and manufacturers recommendations
 - Maine Weatherization Field Guide
- Categories of Work:** Infiltration

088-408-0010 Plexi Glass, Polycarbonate, Clear, Masked, Cut Sheets, 3/16” Thick for Interior Infiltration Control, Interior, Glazing

- Units:** SF
- Included Materials:** Plexi Glass
- Scope of Work:** Can be substituted for glass replacement where it meets code
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:** Infiltration

088-408-0015 Air Control Panel (ACP), Interior, Glazing, Polycarbonate, Clear, Fabricate

- Units:** SF
- Included Materials:**
- Acrylic panels with weatherstripped frame
 - Necessary fasteners to allow removal by hand (example: window clips)
- Scope of Work:**
- Install the required size and number of ACPs
 - ACP fasteners shall be installed in a manner to achieve an airtight seal
- References:** Maine Weatherization Standards
- Categories of Work:** Infiltration

092 Gypsum Board, Drywall

092-608-0005 Gypsum Drywall, Walls, Taped and Finished One Coat 1/2"

- Units:** SF
- Included Materials:**
- 1/2" sheetrock/gypsum board
 - Joint tape
 - Joint compound
 - Necessary fasteners
- Scope of Work:** Install drywall taped and finished (1 coat) to trade standards and ready for second coat
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

092-608-0010 Gypsum Drywall, Horizontal Ceiling/Slopes, Taped and Finished One Coat 1/2"

- Units:** SF
- Included Materials:**
- 1/2" sheetrock/gypsum board
 - Joint tape
 - Joint compound
 - Necessary fasteners
- Scope of Work:** Install drywall taped and finished (1 coat) to trade standards and ready for second coat
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

092-608-0015 Gypsum Drywall, Walls, Taped and Finished One Coat 5/8"

- Units:** SF
- Included Materials:**
- 5/8" sheetrock/gypsum board
 - Joint tape
 - Joint compound
 - Necessary fasteners
- Scope of Work:** Install drywall taped and finished (1 coat) to trade standards and ready for second coat
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

092-608-0020 Gypsum Drywall, Horizontal Ceiling/Slopes, Taped and Finished One Coat 5/8"

- Units:** SF
- Included Materials:**
- 5/8" sheetrock/gypsum board
 - Joint tape
 - Joint compound
 - Necessary fasteners
- Scope of Work:** Install drywall taped and finished (1 coat) to trade standards and ready for second coat
- References:** Install per best practices and manufacturers recommendations
- Categories of Work:**
- Infiltration
 - Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

092-608-0025 Fire Rated 5/8" Gypsum Drywall Box for Non IC Rated Recessed Light

Units: EA

Included Materials:

- 5/8" fire rated gypsum board or non-insulating equal fire rated
- Caulk
- Sealant
- Assume a 12" cube with a top, approximately 18" average height (7sf) of drywall

Scope of Work:

- Construct a non-insulating fire rated box enclosure, including top
- Maintain 3" minimum clearance from fixture, wiring and ballast
- Seal all seams with fire rated caulk, UL-181 mastic or equal
- Install over non IC rated recessed light fixtures
- Seal to all surfaces necessary to prevent air infiltration
- Sealed box is to be taller than surrounding insulation
- Insulation is not to cover top of box

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Infiltration

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

099 Exterior Painting

099-106-0005 Exterior Painting

Units: SF

Included Materials: Primer and exterior paint or stain

Scope of Work: Apply primer and finish to exterior exposed wood surfaces

References: Apply per best practices and manufacturers recommendations

Categories of Work: Incidental Repair

099-106-0010 Interior Painting

Units: SF

Included Materials: Interior paint or stain

Scope of Work: Apply interior paint or stain to exposed wood surfaces

References: Apply per best practices and manufacturers recommendations

Categories of Work: Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

102 Louvers

102-104-0005 Louver, Rectangular, Aluminum With Screen, 1-1/2" Deep, 12" x 12" and Smaller

- Units:** EA
- Included Materials:**
- Size and type of vent requested
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installation must be insect and moisture proofed
 - **Note:** This task shall only be allowed as Health and Safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

102-104-0007 Louver, Rectangular, Vinyl, With Screen, White, 1-1/2" Deep, 12" x 12" and Smaller

- Units:** EA
- Included Materials:**
- Size and type of vent requested
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installation must be insect and moisture proofed
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

102-104-0010 Louver, Rectangular, Aluminum With Screen, 1-1/2" Deep, 12" x 18" and Larger

- Units:** EA
- Included Materials:**
- Size and type of vent requested
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installation must be insect and moisture proofed
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

102-104-0012 Louver, Rectangular, Vinyl, With Screen, White, 1-1/2" Deep, 12" x 18" and Larger

- Units:** EA
- Included Materials:**
- Size and type of vent requested
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installation must be insect and moisture proofed
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

102-104-0020 Soffit Vent, Rectangular, Aluminum With Screen, White or Mill Finish, 4" x 16"

- Units:** EA
- Included Materials:**
- Size and type of soffit vent requested
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installed to industry standard
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

102-104-0025 Soffit Vent, Rectangular, Aluminum With Screen, White or Mill Finish, 8" x 16"

- Units:** EA
- Included Materials:**
- Size and type of soffit vent requested
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installed to industry standard
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

102-104-0030 Soffit Vent, Continuous, Aluminum, White or Mill Finish, 2" Wide

- Units:** LF
- Included Materials:**
- Size and type of soffit vent requested
 - Caulking
 - Necessary fasteners
- Scope of Work:**
- Installed to industry standard
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM's are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

102-104-0040 Aluminum Ridge Vent Strip

- Units:** LF
- Included Materials:**
- Aluminum ridge vent with end caps and connectors
 - Necessary fasteners
- Scope of Work:**
- Rip a continuous 2” opening on either side of the peak .installation includes moisture proofing, connectors and end caps
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM’s are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

102-104-0045 Ridge Vent Strip, Rolled or Coiled

- Units:** LF
- Included Materials:**
- Ridge vent, Cobra ridge vent, Mongoose, or equal necessary fasteners
 - Necessary shingles to match existing
- Scope of Work:**
- Rip a continuous 2” opening on either side of the peak installation includes moisture proofing, ridge vent shingles and all necessary fasteners
 - **Note:** This task shall only be allowed as health and safety when the pre-weatherization observations indicate there is an immediate health and safety concern and no ECM’s are installed
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

102-104-0050 Metal Ridge Cap

- Units:** LF
- Included Materials:** Metal ridge cap necessary fasteners
- Scope of Work:** Install metal ridge cap per manufacturer’s specifications
- References:** Maine Weatherization Standards
- Categories of Work:**
- Incidental Repair
 - Health and Safety

114 Appliance Vent Materials

114-002-0005 Vertical Closure Dryer Vent: Heartland, Lambro, or Equal

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Dryer vent closure, Heartland, Lambro, or equal EZ block• Caulking and necessary fasteners
Scope of Work:	<ul style="list-style-type: none">• Vent may be installed through the wall or box sill• Installation includes moisture proofing the exhaust hood• Dryer manufacturers specifications must be complied with
References:	Maine Weatherization Standards
Categories of Work:	Health and Safety

114-002-0006 Louvered Wall Vent

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Louvered dryer, bath fan vent closure EZ block• Caulking• Necessary fasteners
Scope of Work:	<ul style="list-style-type: none">• Vent may be installed through the wall or box sill• Installation includes moisture proofing the exhaust hood• Dryer manufacturers specifications must be complied with• Plastic cannot be used for kitchen range hood per SWS.
References:	<ul style="list-style-type: none">• Maine Weatherization Standards• Maine Weatherization Field Guide
Categories of Work:	Health and Safety

114-002-0007 Steel Roof Cap Exhaust Hood

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Steel roof exhaust hood• Caulking and necessary fasteners
Scope of Work:	<ul style="list-style-type: none">• Vent to be installed through the roof• Installation includes moisture proofing the exhaust hood• Install per manufacturers specifications
References:	<ul style="list-style-type: none">• Maine Weatherization Standards• Maine Weatherization Field Guide
Categories of Work:	Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

114-002-0008 Steel Kitchen Exhaust Hood Through Wall

- Units:** EA
- Included Materials:**
- Steel range exhaust hood
 - Caulking and necessary fasteners
 - Must Include rodent barrier
- Scope of Work:**
- Vent to be installed through the wall
 - Installation includes moisture proofing the exhaust hood
 - Install per manufacturers specifications
- References:** Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

114-002-0009 Kitchen Range Hood Vent Pipe, Rigid Steel, 4”- 6”

- Units:** LF
- Included Materials:**
- Steel vent pipe for range hood
 - Necessary fasteners
 - Sealing materials
- Scope of Work:**
- Install vent pipe for existing range hood
 - Duct connections will be mechanically fastened with at least 3 equally spaced screws and sealed with I181b or 181b-m listed material
 - Any necessary adapters and/or reducers will be billed separately under the incidental purchase task code
 - Install per manufacturers specifications
- References:** Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

114-002-0010 Vent Hose, Aluminum Flex, 4” Diameter

- Units:** LF
- Included Materials:**
- Aluminum or foil flex hose per work order foil flex must be rated UL2158A
 - Tie straps to suspend hose, if necessary
 - Fasteners (vinyl flex hose shall not be used)
- Scope of Work:** Clamp or mechanically fasten hose to dryer and to the exhaust hood
- References:** Maine Weatherization Standards
Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

114-002-0015 Vent Pipe, Rigid Aluminum, 4" Diameter, 0.016" Thick

- Units:** LF
- Included Materials:**
- Aluminum pipe
 - 4" tie straps to suspend pipe, if necessary
 - Necessary fasteners
- Scope of Work:**
- Clamp pipe securely to dryer and to the exhaust hood, as necessary
 - Appropriate tape only shall be used to connect pipes
 - If this item is installed in an unconditioned area, the piping shall be insulated under a separate task code
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

114-002-0016 Vent Pipe, PVC Type, 4" Diameter, Schedule 20

- Units:** LF
- Included Materials:**
- PVC vent pipe, 4" , schedule 20
 - Tie straps to suspend pipe, if necessary
 - Necessary fasteners
 - Necessary connections (unions)
- Scope of Work:**
- Fasten pipe securely to bath fan and to the exhaust hood, as necessary
 - Appropriate fasteners only shall be used to connect pipes
 - If this item is installed in an unconditioned area, the piping shall be insulated under another task code
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

114-002-0017 Dryer - Adjustable Elbow, Aluminum, 4" Diameter, 0.016" Thick

- Units:** EA
- Included Materials:**
- Adjustable aluminum elbow
 - 4" tie straps to suspend elbow, if necessary
 - Necessary fasteners
- Scope of Work:**
- Clamp elbow securely to dryer and to the exhaust hood, as necessary
 - Appropriate tape only shall be used to connect elbow and pipes
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

114-002-0018 Vent Pipe Extension Assembly, PVC Type, 4" or 6" Diameter, Schedule 20

Units: EA

Included Materials:

- PVC vent pipe, 4" or 6", schedule 20 per work order tie straps to suspend pipe, if necessary
- Necessary fasteners
- Necessary connections (unions)

Scope of Work:

- Fasten pipe securely to vent pipe, as necessary
- Necessary pipe, unions and fasteners for installation per work order
- Appropriate fasteners only shall be used to connect pipes

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Health and Safety

114-002-0019 Bath Fan Vent Pipe Extension Assembly, PVC Type, 4" or 6" Diameter, Schedule 40

Units: EA

Included Materials:

- PVC pipe schedule 40 or rigid pipe per work order
- Tie straps to suspend pipe, if necessary
- Necessary fasteners
- Necessary connections (Unions)
- Exterior damper kit

Scope of Work:

- Fasten pipe securely to vent pipe, as necessary
- Necessary pipe, unions and fasteners for installation per work order
- Appropriate fasteners only shall be used to connect pipes
- **Note:** if pipe is located in an unconditioned area, the pipe must be insulated to R-8. This insulation shall be billed under another task code.

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

114-002-0020 PVC Elbow, 4" Diameter, Schedule 40

- Units:** EA
- Included Materials:**
- PVC elbow, 4", schedule 40
 - Tie straps to suspend elbow, if necessary
 - Necessary fasteners
- Scope of Work:**
- Fasten elbow securely as necessary
 - Appropriate adhesives only shall be used to connect elbow and pipes
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

114-002-0021 Vent Pipe Extension Assembly, PVC Type, 1" – 2" Diameter, Schedule 40

- Units:** EA
- Included Materials:**
- PVC vent pipe, 1"- 2" diameter per work order schedule 40 tie straps to suspend pipe, if necessary
 - Necessary fasteners
 - Necessary connections (unions)
- Scope of Work:**
- Fasten pipe securely to vent pipe, as necessary
 - Necessary pipe, unions and fasteners for installation per work order
 - Appropriate fasteners only shall be used to connect pipes
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:** Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

155 Heating Warm Air Systems

155-120-2002 Fiber Reinforced Duct Mastic, RCD Duct Mastic #6, Air Seal 33 or Equal With Fiber Tape

- Units:** LF
- Included Materials:**
- RCD Duct Mastic #6, air seal 33, or equal with fiber tape
 - Aluminum flashing
- Scope of Work:**
- Clean area to be sealed using appropriate solvent or steel wool
 - Apply aluminum flashing and/or mesh tape as required per work order on repair area
 - Apply duct mastic to repair area
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:**
- Infiltration
 - Health and Safety

155-400-0100 Ducts, Warm Air System, Manufactured Home, Seal Gaps Between Main Trunk Duct and Floor Register

- Units:** EA
- Included Materials:**
- Aluminum flashing
 - RCD duct mastic #6, Air Seal 33, or equal with fiber tape, foil or other rated for duct sealing
 - Vinyl mesh tape
 - Necessary fasteners
- Scope of Work:**
- Remove floor register and clean area to be sealed using appropriate solvent or steel wool
 - Secure trunk line to floor using mesh tape and mastic specified above
 - Reinstall floor register after the duct mastic has cured
 - Repair holes and ducts with mesh tape and mastic
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:**
- Infiltration
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

155-400-0105 Ducts, Manufactured Home, Seal Gaps Between Main Trunk Duct and Branch Ducts

- Units:** EA
- Included Materials:**
- Aluminum flashing
 - RCD Duct Mastic #6, Air Seal 33, or equal with fiber tape, or equal vinyl mesh tape
 - Necessary fasteners
- Scope of Work:**
- Identify floor register out of line with other registers
 - Remove register
 - Seal joint connecting branch to trunk using vinyl mesh tape and mastic or other appropriate materials
- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
- Categories of Work:**
- Infiltration
 - Health and Safety

155-400-0115 Ducts, Manufactured Home, Identify and Seal Cold Air Returns

- Units:** EA
- Included Materials:**
- Aluminum flashing and/or plywood appropriate sealant
 - RCD duct mastic #6
 - Air seal 33 or equal with fiber tape or equal caulking
 - Necessary fasteners
- Scope of Work:**
- Locate return registers near exterior walls
 - Verify these return registers by turning furnace on
 - No heat should enter conditioned space through register
 - Remove register and seal hole behind register using appropriate materials
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

155-400-0120 Ducts, Manufactured Home, Close Off and Seal Main Return In Furnace Closet

- Units:** EA
- Included Materials:**
- Aluminum flashing and/or plywood appropriate sealant
 - RCD duct mastic #6
 - Air seal 33 or equal with fiber tape or equal caulking
 - Necessary fasteners
- Scope of Work:**
- Seal return air hole in furnace closet floor
 - Mechanically fasten patch material to floor over hole
 - Seal remaining air leaks using appropriate caulk or mastic
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Health and Safety

155-400-0125 Ducts, Manufactured Home, Fabricate and Install an Air Deflector in the End of Main Trunk Duct

- Units:** EA
- Included Materials:**
- Aluminum flashing
 - RCD duct mastic #6
 - Air seal 33 or equal with fiber tape
 - Vinyl mesh tape
 - Necessary fasteners
- Scope of Work:**
- Remove floor register at end of duct line
 - Fashion an air scoop out of aluminum flashing
 - Install downstream from floor register
 - Secure with screws
 - Seal with appropriate mesh tape and mastic
 - Replace floor register
- References:** Maine Weatherization Standards
- Categories of Work:**
- Infiltration
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

155-400-0130 Ducts, Manufactured Home, Seal Plenum to Bottom of Furnace and Adjacent Floor Area From Below

Units: EA

- Included Materials:**
- Aluminum flashing
 - RCD duct mastic #6
 - Air seal 33 or equal with fiber tape
 - Vinyl mesh tape
 - Necessary fasteners

- Scope of Work:**
- Furnace plenum and bottom of furnace
 - Seal plenum to bottom of furnace and adjacent floor area as needed using appropriate materials
 - Reset insulation and reseal belly covering
 - Cut belly covering as needed to gain access

References: Maine Weatherization Standards

- Categories of Work:**
- Infiltration
 - Health and Safety

155-400-0135 Ducts, Manufactured Home, Floor Registers, Heat Register or Fixed (Cold Air Return Type)

Units: EA

- Included Materials:**
- Floor heat register or fixed cold air return type
 - Necessary fasteners

- Scope of Work:**
- Quantity and size per work order
 - Registers shall be installed and secured as necessary to prevent a tripping hazard

References: Install per best practices and manufacturers recommendations

- Categories of Work:**
- Incidental Repair
 - Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

155-400-0140 Interior Door Air Transfer Grille With Sound and Light Baffle

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Door air transfer grille with sound and light baffle• Installs at the bottom of the door, Tamarack, or equal quantity and size per work order
Scope of Work:	Install for pressure balance across interior doors in manufactured homes with living space return, or to balance pressures for rooms with ventilation
References:	<ul style="list-style-type: none">• Install per best practices and manufacturers recommendations• Maine Weatherization Field Guide
Categories of Work:	Health and Safety

155-651-0005 Pipe Insulation, High Temperature Rated, Closed Cell Foam, 1/2" Pipe Size

Units:	LF
Included Materials:	Pipe insulation, high temperature rated appropriate fasteners
Scope of Work:	Miter corners and secure all joints
References:	<ul style="list-style-type: none">• Maine Weatherization Standards• Maine Weatherization Field Guide
Categories of Work:	Incidental Repair

155-651-0010 Pipe Insulation, High Temperature Rated, Closed Cell Foam, 3/4" Pipe Size

Units:	LF
Included Materials:	Pipe insulation, high temperature rated appropriate fasteners
Scope of Work:	Miter corners and secure all joints.
References:	<ul style="list-style-type: none">• Maine Weatherization Standards• Maine Weatherization Field Guide
Categories of Work:	Incidental Repair

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

166 Lighting

166-140-0010 Compact Fluorescent Light Bulbs (CFL), Up to 18 Watts

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Energy Star or equivalent spiral and/or tubular compact fluorescent light bulbs• Minimum 10,000 hour life expectancy
Scope of Work:	Install quantity and location per work order
References:	None
Assumed Life	10,000 Hours
Categories of Work:	Mechanical

166-140-0015 Compact Fluorescent Light Bulbs (CFL), 19 Watts and Higher

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Energy Star, or equivalent, spiral and/or tubular compact fluorescent light bulbs• Minimum 10,000 hour life expectancy
Scope of Work:	Install quantity and location per work order
References:	None
Assumed Life	10,000 Hours
Categories of Work:	Mechanical

166-140-0020 Compact Fluorescent Light Bulbs (CFL), 3 Way Bulb, (Common Size 12/29/18)

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Energy Star, or equivalent, spiral and/or tubular compact fluorescent light bulbs• Minimum 10,000 hour life expectancy
Scope of Work:	Install quantity and location per work order
References:	None
Assumed Life	10,000 Hours
Categories of Work:	Mechanical

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168 Special Systems

168-120-0005 Smoke Alarm, UL 217 Compliant

Units:	EA
Included Materials:	<ul style="list-style-type: none">• UL-217 rated ANSI/UL/NFPA approved smoke alarm, plug in with battery back up• May be battery operated 9 volt, ionization with LED
Scope of Work:	Install quantity per work order
References:	<ul style="list-style-type: none">• Install Per NFPA 72, National Fire Alarm Code• Install per manufacturers specifications and recommendations• Maine Weatherization Standards• Maine Weatherization Field Guide
Categories of Work:	Health and Safety

168-120-0010 Carbon Monoxide (CO) Alarm, NFPA 720 Compliant

Units:	EA
Included Materials:	<ul style="list-style-type: none">• ASHRAE 62.2-2016 NFPA 720 compliant carbon monoxide (co) alarm• Battery operated co alarms shall be UL 2075 or UL 2034 compliant.
Scope of Work:	Install quantity per work order and per manufacturer's specifications
References:	<ul style="list-style-type: none">• Maine Weatherization Standards• Maine Weatherization Field Guide
Categories of Work:	Health and Safety

168-170-0004 Double Pole Toggle Switch, to be Connected to a New Fan

Units:	EA
Included Materials:	Toggle Switch Necessary Fasteners
Scope of Work:	<ul style="list-style-type: none">• Install switch to existing wiring in existing gang box• Install to code by licensed electrician
References:	Install per manufacturer's specifications and recommendations
Categories of Work:	Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0006 Programmable Timer, Connected to Existing Compatible Light Switch

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Timer designed for continuous or intermittent operation of compatible bath fan• Necessary fasteners
Scope of Work:	<ul style="list-style-type: none">• Install timer switch to existing wiring in existing gang box• Install to code by licensed electrician• Contractor must leave the manufacturer's instructions with the client
References:	Install per manufacturer's specifications and recommendations
Categories of Work:	Health and Safety

168-170-0007 Programmable Timer, Install New

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Timer• Wiring• Gang box
Scope of Work:	<ul style="list-style-type: none">• Install timer switch to include all new wiring and gang box• Install to code by licensed electrician• Contractor must leave the manufacturer's instructions with the client
References:	Install per manufacturer's specifications and recommendations
Categories of Work:	Health and Safety

168-170-0011 Dehumidistat Control, to be Connected to an Existing Bath Fan or Wall Mounted Fan

Units:	EA
Included Materials:	Dehumidistat control
Scope of Work:	<ul style="list-style-type: none">• Install switch to existing wiring in existing gang box• Install to code by licensed electrician• Humidity levels to be set based on work order by auditor• Note: installation will most likely be in high moisture areas such as basements and/or crawl spaces
References:	Install per manufacturer's specifications and recommendations
Categories of Work:	Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0012 Replace Ceiling Bathroom Exhaust Fan, No Light, Min 100 Cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Vent kit with appropriate exhaust hood must include rodent barrier
 - All necessary pipe and elbows up to 20' are included in the task.
 - Allowable Types of Piping Are:
 - Aluminum Flex Pipe
 - Galvanized Metal Pipe
 - Aluminum Rigid Pipe
 - PVC Pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install new exhaust fan using existing bath fan openings
 - Vent through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Contractor must leave the manufacturer's operation manual with the client

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0013 Ceiling Bathroom Exhaust Fan, with Light, Min 100 Cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Vent kit with appropriate exhaust hood must include rodent barrier
 - All necessary pipe and elbows, up to 20', are included in the task
 - Allowable types of piping are:
 - Aluminum flex pipe
 - Galvanized metal pipe
 - Aluminum rigid pipe
 - PVC pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install exhaust fan through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Soffit damming if required, is a separate task code
 - Piping located in an unconditioned area, must be insulated to a minimum of R-8, and is a separate task code
 - Contractor must leave the manufacturer's operation manual with the client

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturer's specifications and recommendations.

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0014 Replace Ceiling Bathroom Exhaust Fan, with Light, Min 100 Cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Vent kit with appropriate exhaust hood must include rodent barrier.
 - All necessary pipe and elbows, up to 20', are included in the task.
 - Allowable types of piping are:
 - Aluminum flex pipe
 - -Galvanized metal pipe
 - -Aluminum rigid pipe
 - -PVC pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install exhaust fan using existing bath fan openings
 - Vent through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Contractor must leave the operation manual with the client

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0016 Replace Ceiling Bathroom Exhaust Fan With Fan with Internal Control, No Light Min 80 Cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Exhaust fan rated for continuous operation, Panasonic Whispergreen or equal vent kit with appropriate exhaust hood must include rodent barrier
 - All necessary pipe, up to 20', and elbows are included in the task.
 - Allowable types of piping are:
 - Aluminum flex pipe
 - Galvanized metal pipe
 - Aluminum rigid pipe
 - PVC pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install exhaust fan using existing bath fan openings
 - Vent through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Contractor must leave the manufacturer's operation manual with the client

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0017 Ceiling Bathroom Exhaust Fan, with Internal Control, with Light, Min 80 Cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Exhaust fan rated for continuous operation, Panasonic Whispergreen or equal, vent kit with appropriate exhaust hood must include rodent barrier
 - All necessary pipe, up to 20' and elbows are included in the task.
 - Allowable types of piping are:
 - Aluminum flex pipe
 - Galvanized metal pipe
 - Aluminum rigid pipe
 - PVC pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install exhaust fan through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Soffit damming if required, is a separate task code
 - Piping located in an unconditioned area, must be insulated to a minimum of R-8, and is a separate task code
 - Contractor must leave the manufacturer's operation manual with the client

- References:**
- Maine Weatherization Standards
 - Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0018 Replace Existing Ceiling Bathroom Exhaust Fan, With Fan with Internal Control, with Light, Min 80 Cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Exhaust fan rated for continuous operation, Panasonic, Whispergreen or equal vent kit with appropriate exhaust hood must include rodent barrier
 - All necessary pipe, up to 20', and elbows are included in the task
 - Allowable types of piping are:
 - Aluminum flex pipe
 - Galvanized metal pipe
 - Aluminum rigid pipe
 - PVC pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install exhaust fan using existing bath fan openings
 - Vent through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Contractor must leave the manufacturer's operation manual with the client

- References:**
- Maine Weatherization Standards
 - Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

168-170-0019 Single Pole Toggle Switch, to be Connected to a New Fan

Units: EA

Included Materials: Toggle Switch Necessary Fasteners

- Scope of Work:**
- Install switch to existing wiring in existing gang box
 - Install to code by licensed electrician

References: Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0020 Wall Mounted Exhaust Fan, Min 70 Cfm, Max 1 Sone, Rated for Continuous Operation, to a New S.P. Light Switch

Units: EA

Included Materials:

- Exhaust fan, rated for continuous operation vent kit with appropriate exhaust hood
- necessary fasteners

Scope of Work:

- Install exhaust fan through the wall moisture proof the exhaust hood
- Install to code by licensed electrician
- Contractor must leave the manufacturer's operation manual with the client

References:

- Maine Weatherization Standards
- Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

168-170-0021 Install In Line Exhaust Fan In Attic or Basement, Min 100cfm Rated for Continuous Operation, With Compatible Speed Controller.

Units: EA

Included Materials:

- Must include rodent barrier, all necessary mounting supports, fasteners, pipe, up to 20' and elbows
- 8' of insulated flex duct shall be installed between exhaust grill and fan for quiet operation
- Allowable types of piping from fan to exit point are:
 - Insulated flex duct
 - Aluminum flex pipe
 - Galvanized metal pipe
 - Aluminum rigid pipe
 - PVC pipe

Scope of Work:

- Install exhaust fan in attic or basement and vent through the wall or roof as appropriate
- Moisture proof the exhaust hood
- Install to code by licensed electrician
- Soffit damming if required, is a separate task code
- Piping located in an unconditioned area, must be insulated to a minimum of R8, and is a separate task code

References:

- Maine Weatherization Standards
- Maine Weatherization Field Guide
- Install per manufacturer's specifications and recommendations.

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0022 Ceiling Bathroom Exhaust Fan, No Light, Min 100 cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Vent kit with appropriate exhaust hood
 - Must include rodent barrier, all necessary pipe and elbows up to 20' are included in the task
 - Allowable types of piping are:
 - Aluminum flex pipe
 - Galvanized metal pipe
 - Aluminum rigid pipe
 - PVC pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install exhaust fan through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Soffit damming, if required, is a separate task code
 - Piping located in an unconditioned area must be insulated to a minimum of R-8, and is a separate task code
 - Contractor must leave the operation manual with the client

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturer's specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0023 Ceiling Bathroom Exhaust Fan, with Internal Control, No Light, Min 80 cfm, Max 1.0 Sones, Rated for Continuous Operation

Units: EA

- Included Materials:**
- Exhaust fan rated for continuous operation, Panasonic WhisperGreen or equal
 - Vent kit with appropriate exhaust hood
 - Must include rodent barrier, all necessary pipe and elbows, up to 20', are included in the task
 - Allowable types of piping are:
 - Aluminum flex pipe
 - Galvanized metal pipe
 - Aluminum rigid pipe
 - PVC pipe
 - Necessary fasteners
 - Necessary wiring

- Scope of Work:**
- Install exhaust fan through the wall or roof as appropriate
 - Moisture proof the exhaust hood
 - Install to code by licensed electrician
 - Soffit damming if required, is a separate task code
 - Piping located in an unconditioned area, must be insulated to a minimum of R 8, and is a separate task code
 - Contractor must leave the operation manual with the client

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturer's specifications and recommendations.

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0025 Install Range Hood Exhaust Fan, with Light (Min 100 Cfm, Max 3.0 Sones) Hard Wired

Units: EA

- Included Materials:**
- Exhaust fan, ASHRAE compliant
 - Vent kit With appropriate exhaust hood
 - Must include rodent barrier
 - All necessary metal ductwork, up to 20'
 - Necessary fasteners
 - Caulking

- Scope of Work:**
- Install kitchen range hood exhaust fan, metal ducted to the exterior through the wall or roof as appropriate.
 - The 3 sone requirement is only needed on one fan speed, per the ASHRAE standard.
 - Exhaust hood shall be weatherproofed.
 - Fan is to be hard-wired to an adequate power supply and permanently mounted as directed.
 - Install to code by licensed electrician.
 - Contractor must leave the manufacturer's operation manual with the client.

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturers specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0030 Install Range Hood Exhaust Fan, with Light, (Min 100 Cfm, Max 3.0 Sones) Plugged Into Electrical Outlet

Units: EA

- Included Materials:**
- Exhaust fan, ASHRAE compliant
 - Power cord kit
 - Vent kit with appropriate exhaust hood
 - Must include rodent barrier
 - All necessary metal ductwork , up to 20', if located on an exterior wall
 - Necessary fasteners
 - Caulking

- Scope of Work:**
- Install kitchen range hood exhaust fan, metal ducted to the exterior through the wall or roof as appropriate
 - The 3 sone requirement is only needed on one fan speed, per the ASHRAE standard
 - Exhaust hood shall be weatherproofed
 - Range hood is to be rewired, using power cord kit, to allow unit to be plugged into a wall outlet, as directed
 - Rewired to code by licensed electrician
 - Contractor must leave the manufacturer's operation manual with the client

- References:**
- Maine Weatherization Standards
 - Maine Weatherization Field Guide
 - Install per manufacturers specifications and recommendations

Categories of Work: Health and Safety

168-170-0031 Vinyl Gutter

Units: LF

- Included Materials:**
- Vinyl gutter
 - Necessary fasteners
 - Hangers
 - Connectors
 - End caps if applicable per work order

- Scope of Work:**
- Install all new 4" x 5" vinyl gutter system, properly pitched, according to the manufacturer's specifications
 - Work to include all required hangers, clamps and connectors

References: Install per manufacturers specifications and recommendations

Categories of Work: Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0032 Downspouts, Vinyl Gutter

Units:	EA
Included Materials:	<ul style="list-style-type: none">• Necessary fasteners• Hangers• Extensions if applicable per work order
Scope of Work:	<ul style="list-style-type: none">• Install all new 4" x 5" vinyl downspouts and extensions per work order• Downspout to be sized according to roof area being drained
References:	Install per manufacturers specifications and recommendations
Categories of Work:	Health and Safety

168-170-0033 Couplings, Vinyl Gutter

Units:	EA
Included Materials:	Vinyl Couplings
Scope of Work:	Install couplings as specified per work order
References:	Install per manufacturers specifications and recommendations
Categories of Work:	Health and Safety

168-170-0034 Aluminum Gutter

Units:	LF
Included Materials:	<ul style="list-style-type: none">• Alcoa, Alside or pre-approved equal necessary fasteners• Hangers• Connectors• End caps if applicable per work order
Scope of Work:	<ul style="list-style-type: none">• Install all new 4" x 5" aluminum, .027 gauge gutter system• Alcoa, Alside or preapproved equal• Properly pitched according to the manufacturer's specifications• Work to include all required hangers, clamps and connectors
References:	Install per manufacturers specifications and recommendations
Categories of Work:	Health and Safety

MAINE WEATHERIZATION PROGRAM (WAP)
MAINE TASK SPECIFICATIONS

168-170-0035 Downspouts, Aluminum Gutter

- Units:** EA
- Included Materials:**
- Alcoa, Alside or pre-approved equal necessary fasteners
 - Hangers
 - Extensions if applicable per work order
- Scope of Work:**
- Install all new downspouts and extensions per work order
 - Downspout to be sized according to roof area being drained
- References:** Install per manufacturers specifications and recommendations
- Categories of Work:** Health and Safety

168-170-0036 Couplings, Aluminum Gutter

- Units:** EA
- Included Materials:** Alcoa, Alside or pre-approved equal coupling
- Scope of Work:** Install couplings as specified per work order.
- References:** Install per manufacturers specifications and recommendations
- Categories of Work:** Health and Safety

168-170-0037 Install New Automatic Sump Pump, Complete With All Wiring, Cover and Piping

- Units:** EA
- Included Materials:**
- Barrel as specified per work order
 - Sump pump
 - Necessary wiring
 - Barrel cover
 - Necessary discharge piping
- Scope of Work:**
- Construct new barrel sump with 6" gravel base
 - Install new automatic sump pump complete with all required wiring, barrel cover and discharge line
 - Locate sump for maximum effectiveness and make all necessary alterations for proper water discharge
 - Water not to be directed into sanitary sewer lines
- References:** Install per manufacturers specifications and recommendations
- Categories of Work:** Health and Safety