

Use this as a checklist to document the Hazard Assessment tools used and actions taken to respond to any found in a house.

Potential Hazards	Assessment tools	Actions
Ensure combustion equipment safety: <ul style="list-style-type: none"> • Proper draft • Combustion air 	<input type="checkbox"/> BPI Home Energy Auditing Standard 10/19/09 Section 7 <input type="checkbox"/> Maine CDC Carbon Monoxide fact sheet <input type="checkbox"/> Other _____	<input type="checkbox"/> Provide Maine CDC Carbon Monoxide fact sheet <input type="checkbox"/> Install CO alarm per NFPA720-09 <input type="checkbox"/> Install smoke alarm <input type="checkbox"/> Passed BPI inspection and tests – No actions <input type="checkbox"/> Failed inspection - Emergency repairs <input type="checkbox"/> Failed CAZ, CO test <ul style="list-style-type: none"> ○ Service unit to reduce CO ○ Reduce CAZ depressurization <ul style="list-style-type: none"> ▪ Reduce exhaust ▪ Add make-up air ○ Replace atmospherically vented unit with sealed or power-vented unit <input type="checkbox"/> Gas oven failed CO test <ul style="list-style-type: none"> ○ Service repair ○ Replacement <input type="checkbox"/> Passed final combustion testing after project completion
Ensure bath and kitchen exhaust to meet ASHRAE 62.2	<input type="checkbox"/> BPI Home Energy Auditing Standard 10/19/09 Section 8.7 <input type="checkbox"/> Other _____	<input type="checkbox"/> Kitchen and bath ventilation meets 62.2 – No action <input type="checkbox"/> Kitchen or bath ventilation fails inspection or tests <ul style="list-style-type: none"> ○ Vent existing fans to outdoors <ul style="list-style-type: none"> ▪ ___Bath fans ▪ Kitchen exhaust ○ Install new kitchen range hood ○ Install new bath fans serving ____ (#) bathrooms

<p>Ensure whole house ventilation meets ASHRAE 62.2</p>	<ul style="list-style-type: none"> <input type="checkbox"/> BPI Home Energy Auditing Standard 10/19/09 Section 8.1- 8.6 <input type="checkbox"/> Other _____ 	<ul style="list-style-type: none"> <input type="checkbox"/> Unusual IAQ sources <ul style="list-style-type: none"> <input type="checkbox"/> No unusual sources <input type="checkbox"/> Removed <input type="checkbox"/> Special ventilation recommended <input type="checkbox"/> Dryer vent to outdoors <ul style="list-style-type: none"> <input type="checkbox"/> No dryer <input type="checkbox"/> Dryer properly vented <input type="checkbox"/> Install/repair dryer vent <input type="checkbox"/> Air seal between house and garage <ul style="list-style-type: none"> <input type="checkbox"/> No garage sealing needed <input type="checkbox"/> Air seal walls and ceiling <input type="checkbox"/> Air seal ductwork and air handlers <input type="checkbox"/> mechanical whole house ventilation to house <ul style="list-style-type: none"> <input type="checkbox"/> whole house ventilation meets ASHRAE 62.2 <input type="checkbox"/> Add outdoor air to return side of air handler w/timer and motorized damper <input type="checkbox"/> Add central exhaust <ul style="list-style-type: none"> <input type="checkbox"/> Single fan <input type="checkbox"/> Central fan ducted to multiple rooms <input type="checkbox"/> Add multiple exhausts <input type="checkbox"/> Add HRV/ERV
<p>Ensure no problem moisture</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Environmental Health Watch Moisture Audit <input type="checkbox"/> Other _____ 	<ul style="list-style-type: none"> <input type="checkbox"/> No evidence of moisture problem – no action <input type="checkbox"/> Visible mold <ul style="list-style-type: none"> <input type="checkbox"/> In-house clean-up <input type="checkbox"/> Professional evaluation needed <input type="checkbox"/> Foundation (worksheet 3) <ul style="list-style-type: none"> <input type="checkbox"/> No problems – no action <input type="checkbox"/> Exterior actions <ul style="list-style-type: none"> <input type="checkbox"/> Grading repair

		<ul style="list-style-type: none">▪ Gutter repair▪ Surface drainage▪ Footing drainage○ Interior actions<ul style="list-style-type: none">▪ Ground cover – film – rat slab▪ Repair sump▪ Add new drainage▪ Add dehumidifier▪ Add ventilation○ Mold present<input type="checkbox"/> Roofs/attics (worksheet 4)<ul style="list-style-type: none">○ No problems – no actions○ Roofing repair<ul style="list-style-type: none">▪ Replace shingles/ patch membrane – mop metal▪ Repair flashing▪ Air seal ceiling to prevent ice dams or condensation in attic○ New roofing needed<ul style="list-style-type: none">▪ Add exterior insulation○ Mold present<input type="checkbox"/> Exterior walls (worksheet 2)<ul style="list-style-type: none">○ Repair gutters○ Repair flashing<ul style="list-style-type: none">▪ Roof▪ Garage▪ Window-door○ Vent siding○ Scrape-repaint siding (See lead paint hazard)○ Replace siding / housewrap/windows<ul style="list-style-type: none">▪ add exterior insulation
--	--	--

		<ul style="list-style-type: none"> ○ Mold ○ Peeling paint (see Lead Paint Section) <input type="checkbox"/> Mechanical systems (worksheet 5) <ul style="list-style-type: none"> ○ HVAC <ul style="list-style-type: none"> ▪ Drain pans ▪ Add insulation to ducts ▪ Improve AC dehumidification ▪ Add dehumidifier ○ Plumbing related <ul style="list-style-type: none"> ▪ Repair leaks ▪ Add insulation and vapor barrier to pipes to prevent condensation <input type="checkbox"/> health related <ul style="list-style-type: none"> ○ peeling paint (lead) ○ mold (asthma; allergy)
<p>Ensure radon <4 pCi/L</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Maine CDC Radon Tip Sheets # 1, 2 and 3 <input type="checkbox"/> Other _____ 	<ul style="list-style-type: none"> <input type="checkbox"/> Provide radon test kits approved by Maine CDC <input type="checkbox"/> Provide Maine CDC Radon Tip Sheets # 1, 2 and 3 <input type="checkbox"/> Radon levels >4pCi/L identified and remediated in accordance with Maine regulations
<p>Ensure lead safe house</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Maine CDC Lead Tip Sheets # 3 and 4 <input type="checkbox"/> New England Lead Coordinating Committee "Don't Spread Lead" <input type="checkbox"/> Maine DEP "Sampling for Lead Dust in Housing" <input type="checkbox"/> Other _____ 	<ul style="list-style-type: none"> <input type="checkbox"/> Provide Maine CDC Lead Tip Sheets # 3 and 4 <input type="checkbox"/> Assess lead hazard in accordance with Maine regulations <input type="checkbox"/> Lead safe work practices for lead paint that may be impacted during project incorporated in accordance with Maine regulations
<p>Ensure asbestos safe house</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Summary of Asbestos Issues in Maine <input type="checkbox"/> Other _____ 	<ul style="list-style-type: none"> <input type="checkbox"/> Provide Summary of Asbestos Issues in Maine <input type="checkbox"/> Assess asbestos that may be impacted during the project

		<input type="checkbox"/> Follow Maine regulations and guidance during work
Ensure pest resistant house		<input type="checkbox"/> Use rodent exclusion materials on all foundation and attic openings greater than 1/4 inch x 3/8 inch <ul style="list-style-type: none">○ Steel sheet metal, hardware cloth, lath, sheet rock corner bead○ Concrete○ Copper mesh (stuff fit)○ Aluminum sheet metal, sheet rock corner bead○ >3/4 inch solid lumber○ >1/2 inch plywood or OSB