



Gulf Coast Weatherization Scenario

→ Property Characteristics

- Two bedroom, single family circa 1950
- Wood frame with asphalt roof
- Single story with slab on grade
- Original, single pane, double hung window sashes

→ Weatherization Audit Findings

- 4 people live in house, two adults (mother and elderly grandmother) and two children (1 under six years old)
- Overall building conditions are fair
- Insufficient insulation in the attic – ¾” fiberglass
- Walls limited or no insulation
- Gas, forced hot air heating/cooling system, furnace filter dirty
- Duct work in attic not properly sealed
- High CO levels from old gas hot water heater
- Mold on bathroom ceiling and walls, bath fan not working
- Electric dryer with damaged vent
- Unvented space heater
- Damaged paint on old windows
- Leaking gas hot water heater in closet
- Weeds growing out of gutters and some downspouts missing

→ Health Concerns

- One adult and one child have asthma, suspected dust allergy
- Grandmother is unsteady, walks with cane
- No working smoke or CO monitors
- Problem with cockroaches in kitchen and bedroom
- Possible Lead Based Paint on windows
- Gas range with no vent
- Carpeting is soiled in many spots
- Mold on bathroom ceiling & walls, bath fan not working
- No grab bars in bathroom – fall hazard

→ Remediation Response

Weatherization Actions

1. Insulate attic & walls
2. Seal duct work with mastic
3. Air sealing and weather strip
4. Install smoke and CO alarms
5. Replace gas hot water heater with efficient heater
6. Provide and install CFL bulbs