

# Martin Morales

Lakewood, WA 98498

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Authorized to work in the US for any employer

## Work Experience

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### **Rating Field Inspector (RFI)**

Moffet Energy Modeling, LLC-Lakewood, WA

June 2023 to Present

- Perform field inspections and energy compliance testing for new construction builders.
- Perform testing for new homes: Duct leakage testing, Ventilation airflow testing to ensure compliance with ventilation airflow requirements, Blower door testing to measure infiltration through the home
- Perform inspection reports on computer to ensure Rough & Final inspections to ensure all information is correct and verified before being finalized.
- Travel daily to multiple job sites, frequently driving 3 hours in one day, and occasionally driving over 6 hours in one day.
- Hybrid position consisting of both field work & work from home.
- Complete daily reports of inspections.
- Communicate inefficiencies and compliance issues to builder's superintendents.
- Drive safely and maintain a clean driving record.
- Visually verify and photograph on all new homes:
- Insulation is installed to grade I industry standards including:
  - Exterior walls, Crawlspace floors, Attic knee-walls, Garage floors, Overhangs, Attics, Vaulted ceilings, Rim and band joists.
- U-values and solar heat gain coefficients of all installed windows and skylights.
- Air sealing measures including, but not limited to: Sill plates, Top plates, Attic knee walls, Penetrations from ductwork, piping, or wires, Skylights, Rim and band joists, Fireplace inserts, Shower and tub inserts, Vaulted and raised ceilings, Demising walls.
- Mechanical system types and installation techniques including: Conditioning type (furnace, heat pump, radiator, etc.), Rigid ductwork seams and joints air sealing, Flex ductwork connections, Ventilation strategy (heat recovery ventilator, whole house fan, air-cycler, etc.)
- Lighting types (LED, incandescent, compact fluorescent)
- Documents model numbers of equipment and appliances including: Refrigerators, Dishwashers, Ranges, Washing machines, Dryers
- All mechanical equipment including: Furnaces, Cooling coils, Condensing units, Heat pump indoor coils, Heat pump outdoor units
- Ventilation equipment, Exhaust fans, Water heaters, Fireplace inserts
- Water flow testing of faucets and showerheads
- Consistently maintain clean company vehicle, both interior and exterior.
- Hold Responsibility for communicating with QA Designee to schedule car maintenance, including oil changes, routine check-ups, and tire rotations.
- Accountable for timely completion of specific duties.
- Support company management by adopting new assignments and processes.

## **Duct Tester/HVAC Service Tech**

Villara Building Systems-Manteca, CA

January 2017 to Present

- EPA Certified (Type II)
- Main responsibilities include: duct leakage test, air balancing, refrigerant charge & sewer line camera inspections on new construction homes.
- Startup a system by wiring an ac, pulling vacuum, wiring zone boards, wiring damper motors, wiring furnaces, installing thermostats & charging AC.
- 6 Years of experience working at job sites include Lennar, Kiper, TNHC, KB, Richmond American, DR Horton, Element Built, Elliot, FCB, Taylor Morrison, Woodside, Black Pine, Sleights, Anthem United, Tri Pointe, Bright, Meritage.
- Currently in my final year of a project management apprenticeship program to obtain my journeyman license, that cross trains employees across the company in different departments such as HVAC, Plumbing, Solar.
- Occasionally work together with 3rd party companies, such as Valley Duct Testing, Energy Inspectors, California Living Energy & Duct Testers, to ensure the house meets Title 24 requirements (Resnet, Cal Certs, Cheers, Home Energy Rating)
- Communicate with superintendents at job sites
- Operate duct blaster to measure leakage
- Villara does offer Blower Door Testing, but I have yet to operate it myself as the houses that are in my general area don't require it. I do have familiarity with Blower Doors as I've worked with third companies before
- If the initial Duct Test fails, I will seal any leaks in duct work, coil & underneath where fan, coil & plenum connect using duct sealant & foil tape
- Check each register to ensure the can is installed properly and the butyl tape is applied on properly to prevent any leaks
- Locate buried registers by running through duct work or reading house plans
- Uncover any buried registers by cutting through drywall
- Reattach any fallen ducts
- Repair crushed ducts
- Perform airflow/fan watt draw test
- Adjust furnace blower motor speed to improve airflow
- If airflow tests fails, examine duct work for any kinks, bends, excessive runs or check for poorly functioning blower motor
- Perform a Model Home Review by using a Flow Hood to measure CFM from each register while operating multiple zones at once & each zone at once
- Use digital manifolds
- Complete work orders using Service Titan to input the test results
- Issued a company van, daily schedule dictates travel/commute. Can be anywhere from 2 miles to up to 70 miles.

## **Shift Leader/Cashier**

Fast Track Car Wash-Tracy, CA

January 2015 to June 2016

- Responsibilities
- Provide customer service
- handle transactions
- oversee production of the crew
- fix minor mechanical issues
- assist the manager in managerial duties
- maintain a well running & clean site

- power wash & hand dry cars.
- Skills Used
- Customer Service
- Leadership
- Fast Paced Action
- Problem Solving
- Multitasking
- Able to work well under pressure.

## Education

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### **HS Diploma**

Tokay High School-Lodi, CA  
2007 to 2010

## Skills

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- Fast Paced
- Customer Service
- Leadership
- Bilingual
- Quick Learner

## Certifications and Licenses

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### **Energy Star Certified (Version 3)**

March 2024 to Present

### **EPA Certification**

July 2017 to Present

### **RESNET HERS Rating Field Inspector Certification**

April 2024 to April 2027

### **Driver's License**

## Additional Information

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References Available Upon Request