

# Ammonia Refrigeration Service Technician (Journeyman)



## About the job

PermaCold is hiring an Ammonia/Freon service technician for our office in Pasco, WA. This is a full-time position with union wage/benefits package and a company provided vehicle, tools, and gas card.

Compensation: \$57/hr - \$65.55/hr + Overtime, On-site, Full-time

## Preferred Experience / Job Expectations

### Advanced Refrigeration Knowledge:

- o Able to teach, explain, and break down the refrigeration process for industrial Ammonia, Freon, and CO2.
- o Understand operating efficiency measures and live by them on a daily basis.
- o Understands PermaColds procedure for emergency release of Refrigeration and correct response procedure. When to enter facility, whom to report to, and what your role is.
- o Have a clear understanding of P&ID's.

### Work within the industry standards regarding (PSM, OSHA, IIAR, RMP):

- o Understand guidelines for Operational Safety (PSM, ASRAE, IIAR)
- o OEM Recommended maintenance per component
- o Understand the parameters around maximizing energy efficiency (ETO, RETA)

### Able to teach, explain, and break down all electrical components within a refrigeration system. VFDs, Starters, variable speed motors.

- o Understand programming of various operating systems. Specifically, but not limited to:

§ Logix, Quantum, Allen Bradley, GForce, KE2

### Complete understanding of processes:

- o Vibration Analysis: How to conduct reading, reading reports
- o Oil Analysis: Correct way to sample, understanding reports
- o Laser Alignment: Correct way to align motors and compressors
- o Water Test: How and where to pull sample
- o Ammonia Sensor Calibrations: How to work with controls to avoid false alarms
- o Component Inspections: Understand why and how to conduct correctly

### **Safety**

- o Take an active role in safety for entire company. Be part of safety committee or interested in activities that support safety committee.

### **Certifications:**

- o Class 5: Carbon, Stainless, Aluminum, Structural, dis-similar metals
- o Brazing: Copper, dis-similar metals
- o LEB/LEA
- o Current on Ammonia Awareness Training
- o CPR/ First Aid Card
- o OSHA30

### **Mentor**

- o Lead by example
- o Listen to team members and be their voice of reason
- o Provide guidance and support through logic and vision
- o Push company policies for work performance and safety
- o Guide team to think outside of the box, while remaining in their assigned lane

### **Accountability**

- o Be proactive and committed to providing the best service possible.

- o As a mentor and leader, you are looked upon to lead by example of remaining positive, proactive, and encouraging.

### **Train Up**

- o Understand the individual needs of each Apprentice and new hire and work towards providing that training

- o Communicate with Apprentices to guide them on their role within PermaCold.

### **Available**

- o You are expected to be available and included in the on-call rotation to assist with emergencies and after hour customer needs at all times

### **Customer Relations/Sales/Communication**

- o Able to accurately estimate follow up work on smaller projects (<30K)

- o Clearly communicate with Dispatch on needs and work load

- o Able to communicate clearly with customer on their system needs and future maintenance planning

- o Be able to communicate with the customer to sell PermaCold on its values and knowledge. Give each a customer a reason to choose us

### **Take a proactive, personal role in your continued education.**

- o Invest in yourself.

- o Attending continual training courses