

## JUAN PARRA

### Education

BS – Mechanical Engineering - *Universidad Central de Venezuela (UCV)* - 2006

### Professional Experience

Juan Parra is a Sr. Project Professional at SCS Tracer Environmental. His primary responsibility is to assist facilities that use anhydrous ammonia in addressing EPA's Risk Management Program (RMP) and OSHA's Process Safety Management (PSM). Those duties include: Facilitating onsite Process Hazard Analysis studies, Process Safety Management auditing, and Risk Management studies.

He began his career in ammonia refrigeration shortly after obtaining his degree working at Polar Brewery in Venezuela as an Engineering Services Mechanical Maintenance Analyst. Polar Brewery utilizes an ammonia refrigeration system containing 150,000 pounds of ammonia and is one of Latin America's largest breweries by volume. After several years of working in Venezuela he relocated to the United States where he continued to work with ammonia refrigeration on a 99,000 lbs system at Unilever Ice Cream North America in Henderson, NV as an Engineering Services Maintenance Supervisor. He had responsibilities that included managing the facility refrigeration system, related PSM/RMP Programs and Nevada's Chemical Accident Prevention Program (CAPP).

Prior to joining SCS Tracer environmental Juan worked for Lineage Logistics as the Engineering / Maintenance Manager for their 700,000 sqf. cold storage facility in Mira Loma, CA. Once again his key responsibilities included managing the facility's ammonia refrigeration system, PSM/RMP programs and California Accidental Release Prevention (CalARP) program. He additionally managed environmental and safety programs, budgeted and executed capital projects, prepared and managed budgets, achieved significant energy savings, among others.

### Additional Training and Certifications:

- RETA CIRO Certificate – RETA - 2019
- Adult Learning Certificate – ATD - 2018
- Refrigeration Energy Efficiency Training - Cascade Energy – 2015
- Design of Ammonia Refrigeration Systems for Peak Performance and Efficiency - UW-Madison, College of Engineering (September-2013)
- PSM/RMP Training through garden City Ammonia Program - 2013
- Industrial Refrigeration Operator II - 2012
- Industrial Refrigeration Operator I - 2011
- Maintenance Engineering and Management - 2009
- Conflict Management – Cambridge International Consulting- 2009
- Control with Chlorine. Texas Engineering Extension Service - 2008

### Publications and Presentations

- “Ammonia (NH3) vs Carbon Dioxide (CO2) as Refrigerants for Industrial Refrigeration, Which One is Better?” Presented at National RETA Conference 2018 , Dallas, Texas 2018
- “What is an Energy Balance and Why Should I Care / ¿Que es un Balance de Energia y Por Que me Debe Importar?”, Presented at National RETA Conference 2017 , Hershey, Pennsylvania 2017