

Luis Ortega

INDUSTRIAL MILLWRIGHT

Pasadena, TX • (281) 555-0164 • luis.ortega@email.com • linkedin.com/in/luisortega

SUMMARY

Industrial millwright with 8 years on rotating equipment in Houston Ship Channel refineries and chemical plants. Overhauls pumps, compressors and steam turbines, sets new machinery from blueprints and handles welding and rigging on turnarounds. Works to API standards, permit rules and tight alignment tolerances, with a TWIC card and NCCER Level 3.

SKILLS

Welding • Pump Rebuilds • Mechanical Seals • Steam Turbines • Compressors • Laser Alignment • Rigging
Blueprints • Grouting • Lockout/Tagout

EXPERIENCE

Industrial Millwright

02/2022 - Present

Channelview Mechanical Services

Pasadena, TX

Rotating equipment contractor for refineries and chemical plants along the Houston Ship Channel.

- Rebuild API 610 pumps and mechanical seals, completing **70+** pump rebuilds a year with no repeat failures in 90 days.
- Complete steam turbine and reciprocating compressor overhauls during 3 refinery turnarounds a year.
- Set pumps and skids up to 20 tons from blueprints, planning the rigging and grouting baseplates to spec.
- Fabricate guards and pipe supports in the field, welding under hot work permits on 25 jobs this year.

Millwright

03/2019 - 01/2022

Baytown Chemical Partners

Baytown, TX

Polyethylene plant with extruders, blowers and cooling towers.

- Aligned pumps, blowers and fans with laser alignment tools, lowering average vibration by 35%.
- Replaced bearings and gear sets on 12 extruder gearboxes during scheduled outages.
- Inspected cooling tower fans and couplings on weekly routes using lockout/tagout procedures.
- Measured shaft and bore wear with micrometers on 100+ teardowns, ordering parts before reassembly day.

Millwright Helper

05/2018 - 02/2019

Gulf Coast Turnaround Group

La Porte, TX

Turnaround labor contractor.

- Rigged and staged pump parts for 4 refinery turnarounds under a journeyman millwright.
- Cleaned and measured 60 disassembled pumps, tagging parts for the rebuild crew.
- Operated hand tools, torque wrenches and hydraulic jacks on 3 pump skid installs.

EDUCATION

Certificate

12/2018

San Jacinto College

Pasadena, TX

Millwright Technology

CERTIFICATES

Millwright Level 3

NCCER

11/2018

TWIC Card

Transportation Security Administration

02/2022

OSHA 10-Hour Construction

OSHA Training Institute Education Center

06/2019