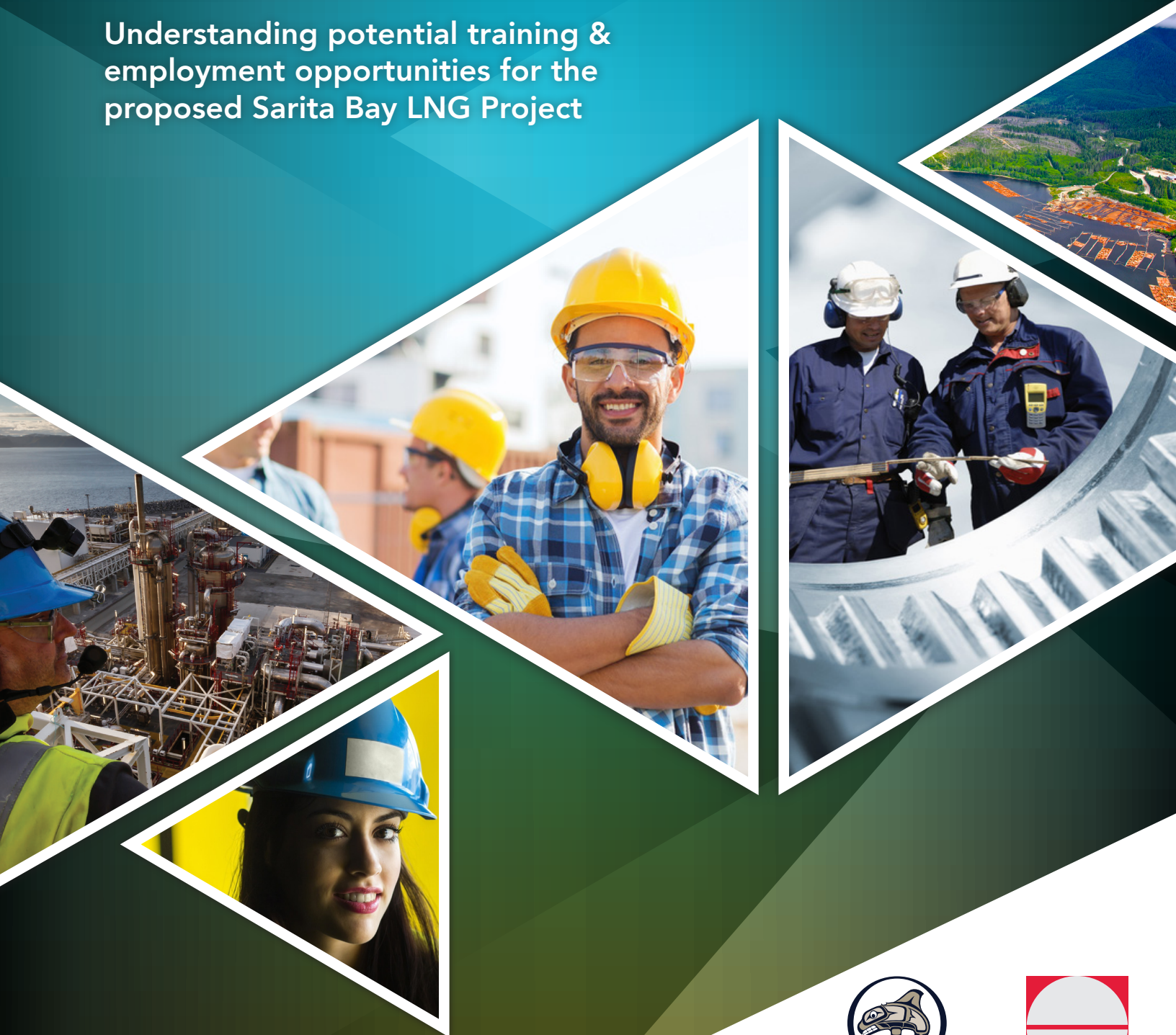


# DISCOVERING CAREER OPPORTUNITIES

Understanding potential training & employment opportunities for the proposed Sarita Bay LNG Project



huu ay aht

ANCIENT SPIRIT, MODERN MIND



Steelhead  
L N G

**Huu-ay-aht First Nations and Steelhead LNG are proposing to develop a Liquefied Natural Gas (LNG) facility at Sarita Bay. Maximizing opportunities for Huu-ay-aht citizens, neighbouring First Nations as well as local residents of the Barkley Sound and Alberni Valley is a top priority for Huu-ay-aht and Steelhead LNG. The proposed Project is currently developing a long term strategy to bring relevant training programs to the Alberni Valley.**



huu ay aht

ANCIENT SPIRIT, MODERN MIND



Steelhead  
L N G

## North Island College Partnership

On February 2, 2015, Huu-ay-aht First Nations and North Island College signed a Memorandum of Understanding (MOU) that plans to provide investment in developing new trades training at the Port Alberni North Island College campus. The proposed new programs would provide training for some of the positions that the LNG project would require. These may include welding, carpentry, millwright, and electrician work and could be available as early as September 2015.

## Where is this training available on Vancouver Island?

**North Island College:** [www.nic.bc.ca/programs/trades\\_and\\_technology](http://www.nic.bc.ca/programs/trades_and_technology)

**Vancouver Island University:** [www2.viu.ca/calendar/tradesappliedtech](http://www2.viu.ca/calendar/tradesappliedtech)

**Camosun College:** [camosun.ca/learn/areas/trades-apprenticeships.html](http://camosun.ca/learn/areas/trades-apprenticeships.html)

**University of Victoria:** [www.uvic.ca](http://www.uvic.ca)

## Career Exploration Resources:

**WorkBC** [www.workbc.ca](http://www.workbc.ca)

**CareerTrek** [www.careertrekbc.ca](http://www.careertrekbc.ca)

**Trades Training BC** [www.tradestrainingbc.ca](http://www.tradestrainingbc.ca)

**Industry Training Association of BC (ITA)** [www.itabc.ca](http://www.itabc.ca)

**Nuu-chah-nulth Employment & Training Program (NETP)**

[www.nuuchahnulth.org/tribal-council/netb.html](http://www.nuuchahnulth.org/tribal-council/netb.html)

**During construction we would expect up to 4000 construction jobs, and during operations between 300 and 400 full-time jobs. There are all sorts of different types of jobs that the proposed Project will require including:**

- the trades (gasfitters, electricians, welders)
- engineers
- equipment operators
- technicians
- security
- administrative positions

**Additionally, the proposed Project would generate hundreds of spin-off jobs and business opportunities in many sectors, including:**

- hospitality
- first aid
- maintenance
- accommodation
- recreation
- tourism
- transportation
- catering
- security
- other service sectors

**This includes local spin-off jobs with restaurants, schools, medical providers, grocery stores, hotels, other service providers, for example.**

**Check out the rest of this booklet for examples of the types of jobs that could be available if the proposed Project moves forward!**





# LABOURER/HELPER

*Estimated Salary Range: \$45,000 - \$65,000*

## Job Description

Construction labourers and helpers assist skilled tradespersons and perform labour activities at construction sites. Daily activities may include: loading and unloading materials and moving materials to work areas; erecting and dismantling concrete forms, scaffolding, and barricades; assisting in aligning pipes; assisting heavy equipment operators to secure special attachments to equipment; and assisting in drilling and blasting rock, among other activities. This job is flexible to meet the daily needs on-site; therefore, the role covers a variety of skills and experience. This is a great entry-level position to start in if you want to work your way into a management position.

Labourers/Helpers often use potentially dangerous equipment, and the work is often physically demanding. The working environment is often noisy, dusty and dirty and is often performed outside, so exposure to all types of weather conditions is common.

## Conditions of Work

- Excellent physical condition and able to lift heavy loads
- Organized and systematic
- Mechanical aptitude
- Safety conscious
- Strong communication skills and ability to follow detailed instructions
- Ability to work well in a team or independently
- Willingness to work a variety of shifts and schedules

## Education Required

Labourers and Helpers often learn their trade through course work and/or on-the-job training.

- ▶ **STEP 1** Minimum Grade 10, Adult 10 or GED standing
- ▶ **STEP 2** Minimum Class 5 Drivers License
- ▶ **STEP 3** On-the-job training and/or course work

# HUMAN RESOURCES OFFICER

Estimated Salary Range: \$50,000 - \$90,000

## Job Description

The Human Resources Officer is responsible for assisting in providing employment and personnel administration services for the LNG facility. Resource professionals assist organizations to manage growth and change and take part in strategic management. They help determine staffing requirements, the skills required to meet the organization's objectives, and are involved in personnel recruitment, the maintenance of personnel records, staff training and the development of personnel policies and procedures.

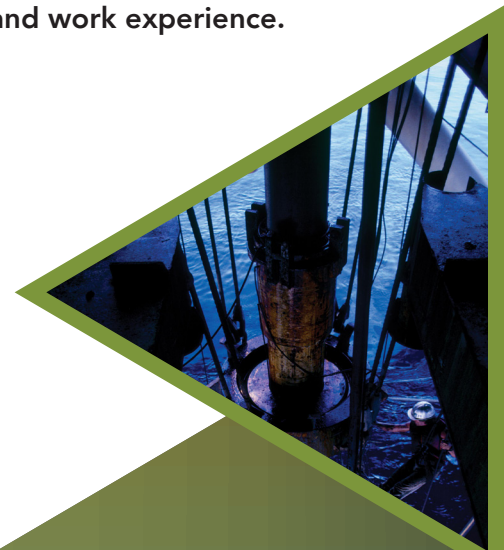
## Conditions of Work

- Understanding of Human Resources policies and procedures
- Organizational skills
- Strong computer skills
- Attention to detail and problem-solving skills
- Safety conscious
- Strong written and oral communication skills
- Ability to work well in a team or independently

## Education Required

Human Resource Officers obtain their education through an education and work experience.

- ▶ **STEP 1** High school diploma or GED equivalent
- ▶ **STEP 2** Relevant university degree or diploma program  
*Human Resource Management Diploma: 2 Years*





# WELDER

*Estimated Salary Range: \$50,000 - \$85,000*

## Job Description

Welders join metal and plastics together using manual and semi-automatic welding equipment. Activities include reading and interpreting blueprints, operating flame-cutting equipment and metal shaping machines, and repairing worn parts of metal products by welding on extra layers.

Welding work can often be strenuous and prolonged standing and bending are often necessary. The working environment is often noisy, dusty and dirty and is often performed outside, so exposure to all types of weather conditions is common.

## Conditions of Work

- Excellent physical condition
- Understanding of geometry and measurements
- Manufacturing and mechanical skills
- Attention to detail and problem-solving skills
- Safety conscious
- Strong communication skills and ability to follow detailed instructions
- Ability to work well in a team or independently

## Education Required

Certification or apprenticeship training is required for this position. The interprovincial "Red Seal" certification is available in this trade.

- ▶ **STEP 1**      Grade 10 or equivalent; High school diploma or GED equivalent preferred
- ▶ **STEP 2**      Class 5 Drivers License
- ▶ **STEP 3**      **Welding Certification or Apprenticeship**  
*4 year program (including apprenticeship time)*

# PLUMBER/PIPEFITTER

Estimated Salary Range: \$50,000 - \$85,000

## Job Description

Plumbers/Pipefitters install, replace and maintain water and sewage systems in commercial and industrial buildings. They must be able to read blueprints and specifications to determine the layout of a plumbing system. Their activities include locating positions for pipe connections, installing water systems, and joining pipes using couplings, clamps, screws, bolts, cement or soldering, brazing and welding equipment.

Plumbers/Pipefitters often use potentially dangerous equipment and the work is often physically demanding. The working environment is often noisy, dusty and dirty and is often performed outside, so exposure to all types of weather conditions is common. Shift work and some overtime may be required.

## Conditions of Work

- Excellent physical condition and ability to lift heavy loads
- Good coordination and manual dexterity
- Ability to visualize a layout by looking at plans and blueprints
- Trouble-shooting skills in and knowledge of mechanical systems
- Safety conscious
- Strong communication skills and ability to follow detailed instructions
- Ability to work well in a team or independently
- Willingness to work a variety of shifts and schedules

## Education Required

Plumber/Pipefitters learn their trade through apprenticeship programs. The interprovincial "Red Seal" certification is available in this trade.

- ▶ **STEP 1** High school diploma or GED equivalent
- ▶ **STEP 2** Class 5 Drivers License
- ▶ **STEP 3** Plumbing/Pipefitting Certificate/Apprenticeship  
*4 year program (including apprenticeship time)*





# ELECTRICIAN

Estimated Salary Range: \$50,000 - \$85,000

## Job Description

Electrical positions involve assembling, installing, testing and maintaining electrical or electronic wiring, equipment, appliances, apparatus or fixtures, using hand or power tools. Activities include:

- Reading and interpreting drawings, blueprints, schematics and electrical code specifications to determine layout of industrial electrical equipment installations;
- Installing, examining, replacing or repairing electrical wiring, receptacles, switch boxes, conduits, feeders, fiber-optic and coaxial cable assemblies, lighting fixtures and other electrical components;
- Testing electrical and electronic equipment and components for continuity, current, voltage and resistance;
- Maintaining, repairing, installing and testing switchgear, transformers, switchboard meters, etc.
- Troubleshooting industrial, electrical and electronic control systems and other related devices;
- Conducting preventative maintenance programs and keeping maintenance records.

Electrical positions often use potentially dangerous equipment and often work on ladders or on top of large vessels at great heights. The work is often physically demanding and may be done in cramped spaces. The working environment is often noisy, dusty and dirty and is often performed outside, so exposure to all types of weather conditions is common.

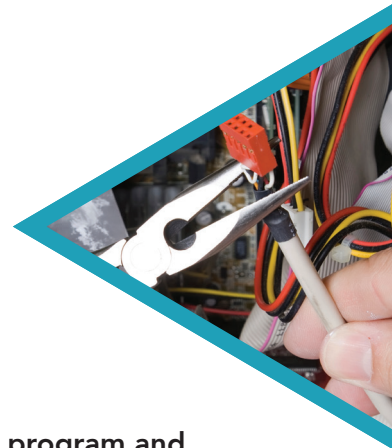
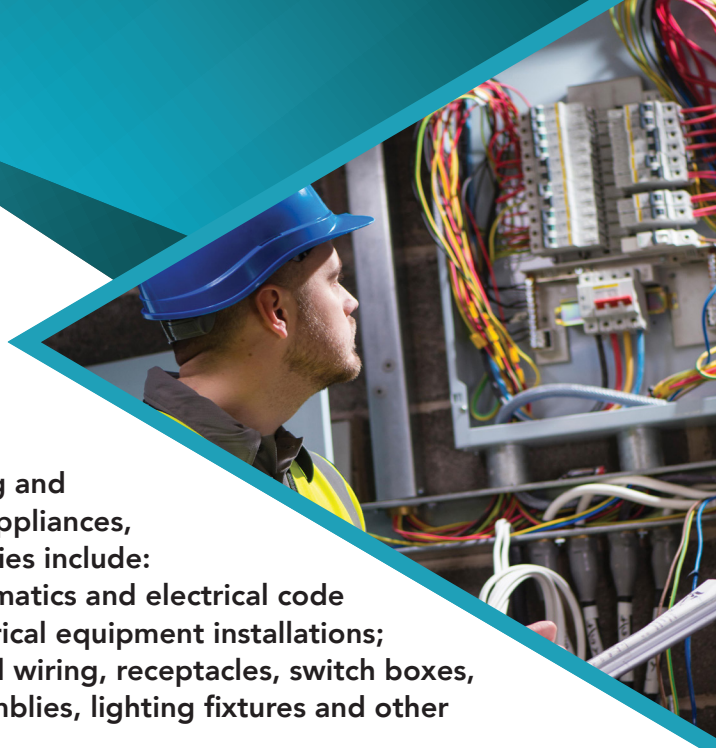
## Conditions of Work

- Excellent physical condition and manual dexterity
- Attention to detail and problem-solving skills
- Ability to distinguish colours and colour-coded wiring
- An aptitude for math and mechanics
- Ability to keep up-to-date with technology
- Safety conscious
- Strong communication and reading skills
- Ability to work well in a team or independently

## Education Required

Most electricians learn their trade through the completion of an Apprenticeship program and through getting their Red Seal Certification.

- ▶ **STEP 1** High school diploma or GED equivalent
- ▶ **STEP 2** Class 5 Drivers License
- ▶ **STEP 3** Electrician Certificate/Apprenticeship  
*4 year program (including apprenticeship time)*



# IRONWORKER

Estimated Salary Range: \$45,000 - \$65,000

## Job Description

Ironworkers fabricate, construct and join scaffolding, structural steel buildings and other structures. Activities include: reading blueprints; unloading and stacking steel unites; erecting and installing scaffolding and other equipment; positioning units and checking alignments; and assembling, cutting and positioning steel structures. Ironworkers place and tie reinforcing material, join scaffolding, and perform post tensioning.

Ironworkers generally work outdoors in various weather conditions in teams or crews. They work in remote locations and at great heights. The work is physically strenuous and often dangerous and may require workers to lift and move heavy items.

## Conditions of Work

- Excellent physical condition and able to lift heavy loads
- Attention to detail and problem-solving skills
- Carpentry skills
- Safety conscious
- Strong communication skills and ability to follow detailed instructions
- Ability to work well in a team or independently
- Ability to work at heights

## Education Required

Ironworkers learn their trade through apprenticeship programs.

- ▶ **STEP 1** High school diploma or GED equivalent
- ▶ **STEP 2** Minimum Class 5 Drivers License
- ▶ **STEP 3** Apprenticeship Program  
*4 year program (including apprenticeship time)*





# INSTRUMENT TECHNICIAN

*Estimated Salary Range: \$50,000 - \$90,000*

## Job Description

Instrument Technicians repair, maintain, calibrate, adjust, and install industrial measuring and controlling instrumentation.

Instrument Technicians often work in strenuous conditions and prolonged standing and bending are often necessary. The working environment is often noisy, dusty and dirty and is often performed outside, so exposure to all types of weather conditions is common.

## Conditions of Work

- Excellent physical condition
- Understanding of geometry, mathematics and measurements
- Manufacturing and mechanical skills
- Manual dexterity and quick thinking
- Attention to detail and problem-solving skills
- Safety conscious
- Strong communication skills and ability to follow detailed instructions
- Ability to work well in a team or independently

## Education Required

Instrument Technicians learn their trade through certification/apprenticeship and on-the-job training. The interprovincial "Red Seal" certification is available in this trade.

- ▶ **STEP 1** High school diploma or GED equivalent
- ▶ **STEP 2** Minimum Class 5 Drivers License
- ▶ **STEP 3** Machinist Certificate/Diploma and Apprenticeship  
*4 year program (including apprenticeship time)*

## Want to learn more about the potential employment opportunities for the proposed Project?

Please contact:

**Tiffany Murray**

Manager – Community

Steelhead LNG

Email: [tiffany.murray@steelheadlng.com](mailto:tiffany.murray@steelheadlng.com)

Phone: 604-561-5736



huu ay aht

ANCIENT SPIRIT, MODERN MIND



Steelhead  
L N G