

November 2010



We've done it!

VanAsep Training Society is proud to announce the successful completion of its first Independent Hydro Power Plant Operators Training program this November 18, 2010 at the Sechelt Band Hall in Sechelt BC. First Nation communities from throughout British Columbia were represented—Tahltan from Dease Lake, Hupacasath from Port Alberni, Namgis from Alert Bay, Douglas First Nation from Douglas, Squamish Nation from North Vancouver and Sechelt First Nation from Sechelt. The students will leave the program with the knowledge and experience to run and operate Run of the River Hydro projects ensuring their communities will benefit from IPP agreements on traditional First Nations territories.

The 18 week Hydro PPO Training program was designed, developed and delivered by VanAsep with Regional Power Ltd, Cloudworks Energy and the Sechelt First Nations and utilizes a combination of lectures, videos, demonstrations, practical projects and field trips to teach and test the multiple theoretical, technical and experiential components that today's effective operators must have. The course is split up into 3 sections.

Part 1 – Power Plant Operators Foundation Program is intended to serve as a pre-entry program for individuals who wish to enter the hydroelectric power plant industry. This 6 week program develops students' essential skills and introduces the basics of power plant operations.

Part 2 – Power Plant Operators Technical Training is designed to give entry-level hydro power plant operators an understanding of the role of hydro-electric power in the overall power system and present and discuss all of the functions involving the use and control of water in a hydro-electric scheme. Students will learn about the characteristics of different types of hydro plants and be introduced to the major components of a typical hydro electric power station. The objective of this section is to examine, from an operational point of view, the various items of electrical equipment that are commonly installed in the hydro-electric power plant. Environmental requirements affecting the operation of the plant are also discussed.

Part 3 – Practical Application and Training gives students the opportunity to do on-site training to gain valuable on-the-job experience with power plant operations. Students team up with industry leaders to gain experience and round out their education. This section also feature tours of Regional Power and Cloudworks Energy plant facilities in the Sechelt and Stave Lake areas, ensuring that the students have a broad understanding of existing and possible operations and are prepared to start work as soon as they complete the program.

Please contact us to get involved or for more info:

VanAsep Training Society
604-925-2180 | www.vanasep.ca

