



State of Alaska  
 Department of Labor & Workforce Development  
 Division of Business Partnerships  
 1016 West 6<sup>th</sup> Avenue, Suite 205  
 Anchorage, Alaska 99501  
 907-269-4551 \ 907-269-0068 fax



### Denali Training Fund Program Final Progress Report FY 11

Funds for this project are provided by the Denali Commission and managed, in partnership, by the Alaska Department of Labor and Workforce Development. This report is due at project end or *no later than 30 calendar days* after the period of performance for this grant.

Name of Organization:	STG Incorporated
Name of Project:	Stebbins Bulk Fuel Upgrades
Grant Period:	July-September 2011
Contact Name:	Jenny Smith
Contact Number:	(907) 348-4238

Certification: I certify that the information in this report is current, correct and true and in accordance with the terms and conditions of the agreement.

Signed by: *Jenny Smith* Dated 11/29/11

**A. Narrative of Services:**

The objective for this program was to certify and employ local residents of Stebbins for work on the new bulk tank farm project. The program began with 10 participants, and 4 successfully passed their examinations to become certified structural welders.

I have attached welding instructor Eli Van Ringelstein's narrative to this report.

**B. Performance Outcomes & Demographic Data:**

List the number of participants by their home community, the type of training, certification, completion date, and employer upon completion of training.

Number of Participants	Home Community	Type of Training	Type of Certification	Training Dates	Completion Date	Employer after Training
4	Stebbins	Structural Welding	Structural Welding	7/22/11-8/12/11	8/12/11	STG Incorporated

**B. Timeline of Grant Activities:**

Did the grant progress as planned? If not, explain the causes and outcomes.

The program was initially set to begin on 7/15/2011, but the grant was still awaiting approval on that date. Once the grant was approved, supplies were ordered and the program began as soon as possible on 7/22/2011.

➤ Were you able to complete the project within the budget? If not, explain the causes and outcomes.

The program went over-budget by \$1794.11. Most of the overage was for personnel services. This amount isn't that far off target, so some minor fine tuning could help in the future. The overage was covered by grantee contribution.

**D. Success Stories and Photographs:**

The program began with 10 participants, and 4 of the 10 initial participants passed testing and became certified structural welders. Ryan Nashoanuk and Garrett Coffey were available and hired as welders after the program. They were employed until the end of the season, and will be up for consideration for employment with STG Incorporated next summer when we resume work on the tank farm projects. These welding certificates qualify the successful participants for structural welding positions in the construction industry. There are a few projects slated to begin next year in the village of Stebbins, and the 4 successful participants will be eligible to be employed as structural welders in their home town.

**Please note:** The data collected in your Final Progress Report provides vital information that can have a direct impact on future funding for our grant programs. Forwarding your success stories and photos as part of our requests is further evidence of how job training is crucial to building a strong workforce for Alaska. Thank you in advance for your cooperation.

# Summary of Activities of the Welder Training Program in Stebbins

The job training project was started in the village of Stebbins on July 22, with the interviewing of applicants. From the many applications 10 students were selected to participate in the training program. A welding training shop was set up in the city's heavy equipment shop.

Oxy-acetylene cutting station was setup in the city's heavy equipment yard.

Students were taught the importance of PPE, and to properly use of this equipment during the training session.

Students were taught the safe operating procedures and set-up and shut-down procedures of the oxy-acetylene cutting operations. Students practiced making, straight cuts, beveled edges, cut out circles and learned to pierce holes, in plate and pipe materials.

During the Shielded Metal Arc Welding (SMAW) part of the training program the students, used low hydrogen E7018, cellulosic E6010, and high deposition E7024, in a variety of welding positions.

Students practiced pad of beads, lap, and T-joints, with the SMAW welding process.

For the welder's certification the students practiced T-joint in the 3F (vertical up), and the 4F (overhead position) with the low-hydrogen electrodes E7018 in accordance with American Welding Society (AWS) D1.1-2010 Structural Welding Code Steel.

Four students passed the welders certification test in the 3F and 4F positions, this certification enables them to weld on materials with a nominal plate thickness of 1/8 to unlimited thickness, and the are certified to make fillet welds on pipe and plate in all welding positions.

The following four students received the welder's certifications, Albert Teayoumeak, Ryan Nashoanak, Ken Acoman, and Garrett Coffey.

Eli Van Ringelenstein CWI (Certified Welding Inspector)

