

**Revised 12/12/91**

**CHUGACH ELECTRIC ASSOCIATION, INC.  
Anchorage, Alaska**

**POSITION DESCRIPTION**

**SENIOR DESIGNER - GRADE 11**

**I. SUMMARY**

Working in a position of major responsibility, prepares designs of major complexity for the construction of electric utility plant. Work in this position is carried out with considerable independent judgement. Many decisions are considered final. This position carries full design and construction project management responsibility.

It is agreed that a minimum of three Senior Designer positions will be filled at all times. If a vacancy occurs and no qualified bids are received the position will remain open for a period of six months, at the end of which bids will again be solicited. If this second bid posting does not provide a qualified in-house bargaining unit applicant, a qualified person may be recruited from other sources.

**II. REPORTING RELATIONSHIP**

- A. Reports To: Designated Manager
- B. Directs: May be required to direct the work of lower classifications

**III. REPRESENTATIVE DUTIES**

- A. Performs Designer I, Designer II or Designer III duties when assigned.
- B. Major project responsibility for distribution and subtransmission design.
- C. Performs all levels of construction inspection including communication and coordination with contractors, Power Control Center, Chugach crews and outside agencies. Certifies that construction has been completed in compliance with REA and Chugach standards.
- D. Routinely performs and/or reviews complex design calculations.
- E. Develops engineering computer programs using standard applications.

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- F. **Assists designated manager in development/preparation of work related system studies and/or complex engineering evaluations.**
- G. **Performs other related duties as assigned.**

**IV. RELATIONSHIPS**

**A. Internal**

- 1. **Designated Manager: Reports to and receives work assignments and direction. Informs manager of progress in work assignment areas.**
- 2. **Line Extension Coordinator: Responds to inquires and provides information.**
- 3. **Right of Way Agents: Responds to inquiries and provides information.**
- 4. **Other Engineering employees, managers and/or supervisors: Responds to inquiries and provides information.**
- 5. **Other department/division managers and/or supervisors: Responds to inquiries and provides information.**
- 6. **Employees of other departments/divisions: Responds to and provides information.**

**B. External**

- 1. **Chugach consumers: Responds to inquiries and provides information in conjunction with design responsibilities.**
- 2. **Municipal, State or Federal Agencies: Works with to coordinate design or permit-related matters associated with delegated work assignments.**
- 3. **Other Utilities: Works with to coordinate design-related matters associated with delegated work assignments.**

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Reviewed by:

Muse E. Van Tylor  
Manager, Distribution Improvements  
Design

Date: 1/13/92

W. J. Man  
Director, Engineering

Date: 12/12/91

Mary Tesch  
Manager, Employee Relations

Date: 1/13/92

Approved by:

Classification Committee

Date: 12/12/91

W. J. Man

R. K. Venna

Robert Pool

Christopher J. Green

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**CHUGACH ELECTRIC ASSOCIATION, INC.  
Anchorage, Alaska**

**JOB QUALIFICATIONS**

**SENIOR DESIGNER - GRADE 11**

**EDUCATION  
AND EXPERIENCE:**

Bachelor of Science Degree in Engineering or Engineering Science and four years of documented progressively more responsible work experience in directly related electrical subtransmission and/or distribution design work.

**OR:**

Documented completion of two years towards a Bachelor of Science Degree in Engineering or Engineering Science and four years of documented progressively more responsible work experience in directly related electrical subtransmission and/or distribution design, two of which must be at the Designer III level.

**OR:**

High School diploma or equivalent and twelve years of documented progressively more responsible work experience in directly related electrical subtransmission and/or distribution design, two of which must be at the Designer III level.

**KNOWLEDGE:**

Requires thorough knowledge of subtransmission and/or distribution engineering design and construction techniques and related construction material and equipment related to electric utility subtransmission and/or distribution facilities. Requires thorough working knowledge of National Electric Safety Code and Rural Electrification Administration design and construction practices. Requires thorough working knowledge of computer database, spreadsheet and scheduling software. Must have good working knowledge of project planning, project scheduling, forecasting, budgeting, cost control and project estimating.

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**ABILITIES  
AND SKILLS:**

Must possess excellent verbal and written communication skills. Demonstrated ability to perform mathematical calculations consistent with level of work responsibility under this position description. Must have the ability to physically access rough terrain project site locations without the use of motor operated equipment. Demonstrated ability to manage all aspects of a design and construction project.

**WORKING  
CONDITIONS:**

Design work will normally be performed in a standard office environment. Field work in all types of weather conditions will also be required. Some out-of-town work may also be required. Must possess valid Alaska driver's license. Overtime may be required.

Reviewed by:

Wm. F. Norton  
Manager, Distribution Improvements  
Design

Date: 1/13/92

Mike Man  
Director, Engineering

Date: 12/12/91

Mary Teach  
Manager, Employee Relations

Date: 1/13/92

Approved by:

Classification Committee

Date: 12/12/91

Mike Man

R. K. Veen

Robert Paul

Christopher J. Brien

**Chugach Electric Association, Inc.  
Anchorage, Alaska**

**Temporary SENIOR DESIGNER - (Inspector)**

Alaska's largest electric utility is currently recruiting for a temporary Senior Designer (Inspector). The job could last up to 36 weeks.

This position will perform the inspection part of a senior designer position. The successful candidate must meet the minimum qualifications or combination of qualifications as outlined in the position description that follows.

This position is subject to the terms and conditions of the Office & Engineering Personnel Agreement between the International Brotherhood of Electrical Workers, Local 1547 and Chugach Electric Association, Inc.

The minimum hourly rate is \$27.62 and will depend on experience.

Submit your application and your resume to:

Chugach Electric Association, Inc.  
Attn: Recruitment Specialist  
5601 Electron Drive  
Anchorage, Alaska 99518  
Email: [recruitment@chugachelectric.com](mailto:recruitment@chugachelectric.com)  
[www.chugachelectric.com](http://www.chugachelectric.com)  
Fax No. (907) 562-8703

Anyone needing assistance with the application process should contact the Human Resources Department at (907) 762-4428. Equal Opportunity Employer