



POSITION DESCRIPTION

JOB TITLE:	Engineer	JOB CODE:		PAY GRADE:	PR
DEPARTMENT:	Technical Services	PAY STATUS:		Full Time / Salaried	
REPORTS TO:	Technical Services Manager	REGULAR/SEASONAL:		Regular	
APPROVED BY:	<i>Bulah & John</i> , Human Resources Manager	DATE APPROVED:		9/01/2017	
		DATE REVISED:		11/03/2020	

I. POSITION FUNCTION SUMMARY:

Under the direction of the Technical Services Manager, the Engineer plans, designs, and oversees construction and maintenance, and assists in overseeing heavy equipment operators and laborers, ensuring proper policy and procedures are followed according to NAPI farm operations.

II. ESSENTIAL FUNCTIONS, DUTIES, AND RESPONSIBILITIES:

The following statements are essential functions of this position and not intended to be all-inclusive; rather, they are intended to describe the general nature and level of work to be performed. They are not to be construed as an exhaustive list of all responsibilities, duties and skills required of the incumbent, and an employee may be directed to perform other reasonably related job duties and responsibilities. NAPI reserves the right to revise or change the job duties and responsibilities as the need arises, based on business need, and this position description may be updated accordingly. This position description does not constitute a written or implied contract of employment.

General Duties & Responsibilities

1. Analyze survey reports, maps, drawings, blueprints, aerial photography, and other topographical or geologic data to plan projects.
2. Plan and design hydraulic systems and structures, following construction and engineering standards, using AutoCAD.
3. Compute load and grade requirements, water flow rates, and material stress factors to determine design specifications.
4. Inspect project sites to monitor progress and ensure conformance to design specification and safety standards.
5. Direct construction, operations, and maintenance activities at project sites.
6. Direct or participate in surveying to lay out installations and establish reference points, grades, and elevations to guide construction.
7. Estimate quantities and cost of materials, equipment, or labor to determine project feasibility.
8. Prepare or present public reports, such as bid proposals, environmental impact statements, and property and right-of-way descriptions.
9. Test soils and materials to determine the capability and strength of foundations, concrete, or steel.
10. Provide technical advice regarding design, construction, or program modifications and structural repairs to department personnel and management.
11. Evaluate and estimate the quality of heavy equipment for on-going projects.
12. Assist the Irrigation Department in designing and maintaining a standard collection of files such as sprinkler charts, irrigation system data, RTU, sprinkler packages, pressures, and flow rates.
13. Assist the farm operations with irrigation scheduling for high priority crops.
14. Assist and train crop managers and other potential personnel with data collection for weather stations and soil moisture equipment.

15. Assist in the design and implementation of new or redeveloped center pivot systems and NAPI Processing and Storage infrastructure.
16. Plan, organize, coordinate, implement, direct, evaluate, and adjust the current Load Management Program.
17. Perform all facets of project in compliance with associated existing contracts, i.e.: NAPI/WAPA Firm Electric Service Contract, NAPI/WAPA Management Agreement Contract, NAPI/BIA/PNM Maintenance Contract, and NAPI 638 On-Farm Development Contract.

Other

18. Works collaboratively, cooperatively, and in coordination with fellow team members and with others in the organization, treats them with respect, courtesy and consideration, and shows understanding and the appropriate support of other team members to help get the job done.
19. Provides information, guidance and resources to diverse groups of customers, clients and others outside of the organization; treats them in a friendly manner with professionalism, helpfulness, respect, courtesy and consideration at all times regardless of circumstances.
20. Maintains regular, dependable attendance and punctuality, and physical presence at the assigned worksite; must interact directly with people or objects at the worksite on a regular basis. Communications technology may, for certain tasks and under certain circumstances, enable an employee to effectively perform some of the work-related duties from home on a temporary basis.
21. Complies with all applicable environmental health and safety policies, procedures and work rules, giving maximum effort to performing job functions in a manner that protects the health and safety of the incumbent, co-workers, and the general public
22. Performs other duties as assigned and which are deemed necessary or desirable by NAPI.

III. POSITION AUTHORITIES AND ACCOUNTABILITIES:

General:

Position has a high level of line responsibility and high-level authority to make independent decisions over an assigned department or function. A person in this position has a high level of responsibility for a key operation or function.

Results of Action:

Decisions will have a high degree of impact on operations or services. Errors may result in significant disruption of operations or services or damage to operational activities. Errors in accuracy, judgment, tact or communication could result in a loss of productivity, and a significant loss of credibility and potential income for the organization. Failure to establish and monitor work schedules for the Department will result in an inability to meet deadlines and will delay the completion of records and other projects.

Budgetary & Financial Resources Accountability:

Position has moderate level of accountability for budgetary or financial decisions, and decisions will have a high degree impact on resource utilization within NAPI; responsible for a moderate level of impact on an operating budget for the Department;

Equipment/Material Management & Accountability:

Position has a high level of responsibility for equipment, material, or supplies; proper utilization is required plus accountability for first-echelon maintenance may be required; minimal authority and accountability for purchase within strict policy guidelines may be present.

Confidential and Sensitive Information:

- Incumbent has a high level of access to sensitive and proprietary company data, including but not limited to services, legal and financial data, and an essential job result is the maintenance of a high level of confidentiality of the information processed by the employee.
- Incumbent has a minimal level of access to personal and professional data regarding individual employees and their families, and to personal data regarding customers/clients/members and their

families, and must comply with the Fair and Accurate Credit Transactions Act (FACTA) to keep that data secure and private.

- Incumbent has no access to health data of employees and their families, and to health data of customers/clients/members and their families, and must comply with the Health Insurance Portability and Accountability Act (HIPAA), to keep that data secure and private.

Independence of Action; Supervision Received:

The Engineer works under general supervision of the Technical Services Manager. Employee performs high level, complex project management work, and performs a high level of analysis and problem-solving with a high degree of independence and discretion.

Supervision Exercised:

The Engineer is responsible for own work and has no supervisory authority or responsibility, although the Engineer may have functional authority over specific projects or areas of responsibility as specified in this Job Description or otherwise delegated by the Technical Services Manager.

IV. POSITION QUALIFICATIONS AND REQUIREMENTS:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required for the position, but is not a comprehensive list. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and Experience:

Required:

- Bachelor's degree from an accredited four-year college or university in Agricultural Engineering, Civil Engineering, Mechanical Engineering, Water Resources Engineering or directly related discipline.
- Three (3) years' experience in engineering, project management, and administering contracts; three (3) years supervisory experience in construction or design consulting environment.

Preferred:

- Master's degree from an accredited four-year college or university in Civil Engineering, Mechanical Engineering, or directly related discipline.

Substitution:

- Five (5) years of FLSA exempt-level experience in project management may be substituted for the Bachelor's degree requirement.

Navajo Preference:

Navajo preference will be applied in accordance with the Navajo Preference in Employment Act (NPEA), it is Navajo Agricultural Products Industry's ("NAPI") goal and intention to strictly adhere to the NEPA in all employment practices and hire qualified Navajo Personnel for all positions. Tribal sovereignty support and Navajo preference initiatives are mandatory.

Language Requirements:

Required:

Ability to read and write English in order to understand and interpret written procedures and technical manuals. This includes the ability to give and receive instructions in written and verbal forms and to effectively present information and respond to questions from vendors, contractors, supervisors and co-workers.

Preferred:

Bi-lingual (English/Navajo)

Shared Responsibilities:

As a requirement of their employment, all NAPI employees are expected and required to follow and adhere to the following job responsibilities:

- Support the mission, vision, values, and goals of Navajo Agricultural Products Industry.
- Support excellence in our customer service philosophy, and deliver excellent customer service both to internal and external customers.
- Adhere to all company policies and procedures.
- Follow all safety policies, guidelines, and work rules, and participate in trainings.
- Practice good stewardship of NAPI property and follow policy.
- Act in a professional manner at all times.
- Function from INTEGRITY, HONESTY, and LOYALTY in all activities concerning NAPI.
- Follow the current NAPI Strategic Plan initiatives.
- Maintain and support a team environment within the workgroup, and with other departments.
- Champion NAPI in the community.

Core Competencies:

Performs the essential functions and elements of this position competently, demonstrating adequate progress throughout the course of the introductory period of employment and continuing throughout employment with NAPI. A variety of personal competencies need to be demonstrated by everyone at NAPI, and include but are not limited to:

- **Quality/Compliance:** Achieving a standard of excellence with our work processes and outcomes, honoring NAPI policies and all regulatory requirements.
- **Customer focus:** Striving for high customer satisfaction, going out of our way to be helpful and pleasant, making it as easy as possible on the customer or client, rather than on self, department, or organization.
- **Communication:** Balancing listening and talking, speaking and writing clearly and accurately, influencing others, keeping others informed.
- **Collegiality:** Being helpful, respectful, approachable, and team oriented, building strong working relationships and a positive work environment.
- **Initiative:** Taking ownership of our work, doing what is needed without being asked, following through
- **Efficiency and Continuous Improvement:** Planning ahead, managing time well, being on time, being cost conscious, thinking of better ways to do things
- **Coachability:** Being receptive to feedback, willing to learn, embracing continuous improvement
- **Safety:** Comply with and actively support all workplace safety policies and practices.
- **Team Player:** able to work collaboratively with others in the organization, and to work well with diverse groups of people and gain and maintain respect of others, both inside and outside of NAPI.

Knowledge, Skills and Abilities:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required to perform the essential functions of the position, but are not a comprehensive list:

- Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.
- Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, personnel information systems, and be familiar with the Navajo Preference in Employment Act.
- Knowledge in basic education and training to include principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects.
- Knowledge of the practical application of engineering science and technology.
- Knowledge of accounting, budgeting marketing, negotiation.

- Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.
- Knowledge of civil engineering or closely related field; street/highway construction experience, water resources construction and design, engineering principles, practices and methods as applicable to Irrigation systems and Agribusiness infrastructure; thorough knowledge of applicable regulations and standards.
- Knowledge about proper use of GPS/GIS systems.
- Skill in planning, organizing, directing, and coordinating.
- Skill in leadership, management, and supervision.
- Skill in training, coaching, and developing skills of assigned personnel.
- Skill to read, analyze, and interpret highly complex documents
- Skill in analysis and interpretation of product requirements to create a design.
- Skill in active listening as this position communicates with all levels of company employees, board of directors, customers, and local governments.
- Skill in analyzing information and use logic to address work-related issues and problems.
- Skill in self-management; to manage one's own time and the time of others.
- Skill in considering the relative costs and benefits of potential actions to choose the most appropriate one.
- Ability to develop, analyze, and interpret production schedules
- Ability to speak in public.
- Ability to use a computer and computer programs is required.
- Ability to use search engines, data queries, and assimilate printed information.
- Ability to communicate effectively orally and in writing in English. Navajo language is helpful.
- Ability to effectively lead, manage, supervise, coach, motivate, and develop assigned staff.
- Ability to be self-directed, developing one's own way of doing things, guiding oneself with little or no supervision.
- Ability to communicate effectively both orally and in written form information and ideas so other will understand.
- Ability to be careful about detail and thorough in completing tasks.
- Ability to be persistent in the face of obstacles and being able to accept criticism and dealing calmly and effectively with high stress situations.
- Ability to be pleasant with others on the job and displaying a good-natured, cooperative attitude.
- Ability to be open to change (positive or negative) and to considerable variety in the workplace.
- Ability to be available 24 hours a day 7 days a week to meet deadlines.
- Ability to communicate in writing in order to develop and issue regulations, instructions, policy interpretation and guidelines.
- Ability to examine and re-engineer operations and procedures,
- Ability to formulate policy, and develop and implement new strategies and procedures.
- Ability to lead project teams, to include organizing, prioritizing, and scheduling work assignments.
- Ability to thrive in a fast-paced and pressured environment and must be able to shift to other functions and priorities as needed.
- Ability to manage time spent on activities and identifying priorities.
- Ability to use logic and reasoning to identify strengths and weakness of alternative solutions, conclusions or approaches to problem solving.
- Ability to be willing to take on responsibilities and challenges.
- Ability to keep up-to-date technically and applying new knowledge to your job.

Certification, Licenses and Registrations:

- Must have and maintain a current New Mexico, or Arizona driver's license, must have and maintain an NAPI-insurable driving record, and must provide proof of current liability insurance meeting or exceeding State-required minimum coverages.
- First Aid, CPR, Defensive Driving Course.

- Professional Engineer Civil Licensure from the New Mexico State Board of Licensure for Professional Engineers and Surveyors is preferred.

Training Requirements:

- Must successfully complete all NAPI-required safety and other training
- Must successfully pass and maintain training certification in all state, NAPI, individual-specific, and/or other training requirements of the position and job assignment.
- Additional specific training requirements for this position may be required by NAPI.

Tools and Equipment Used:

- Standard office equipment, including desktop computer and standard MS-Office applications
- Famous Accounting Software, AutoCAD
- Must be able to operate a company vehicle and a two-way radio.

Other:

- In accordance with the conditional offer of employment, individual must pass drug screen, and all NAPI, and other required background investigations.
- Additional drug screening and background investigations may be required depending on the job assignment, or job transfer.
- Must read and acknowledge NAPI's Non-disclosure agreement.

V. PHYSICAL & MENTAL DEMANDS and WORKING CONDITIONS

The physical and mental demands, and working conditions described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. The physical and mental demands, and working conditions described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of this position.

NAPI maintains a comprehensive, detailed assessment of the physical and mental demands, and working conditions for this position, which are also included in the incumbent's employment file.

Physical Effort and Demand:

- Moderate to high physical demand is required to perform the work; an employee in this position frequently works in the field and occasionally sits at a desk or workstation.

Visual Acuity, Hearing, Speaking, Manual Dexterity:

- Must have visual acuity and manual dexterity to perform timely and accurate data entry;
- Must be able to make individual, small group, and large group presentations as required by position

Mental Demand:

- Effective performance requires continual thinking and attention to work/detail demanded by the Knowledge, Skills and Abilities and essential functions of the job.
- Must be able to work non-standard work hours as required to fulfill job responsibilities.

Environment/Working Conditions:

- Above average hazardous conditions exist in the work environment. The work environment is frequently subject to outdoor climate; only minimal negative physical factors exist.
- Above average amount of negative psychological factors; these factors must be addressed and considered in the performance of duties and have potential for a negative impact on job incumbents.

VI. EMPLOYEE ACCEPTANCE:

By my signature below, I certify that I have read my Job Description and understand my assigned responsibilities, and have been given a copy of this Job Description.

Employee – please initial each of these statements below to indicate your agreement, in addition to your signature at the bottom of this page:

_____	I acknowledge that I have been given access to a print and/or electronic copy of the Employee Policies and Procedures Handbook , and understand that I am responsible for reading and following all relevant policies and procedures outlined in it.
_____	I understand that I am responsible for following all departmental and job-specific policies, procedures, work rules, and other guidelines.
_____	I understand that neither the Board of Directors nor management of NAPI can guarantee my employment, and that NAPI can change compensation, benefits, and conditions of my employment at any time and at its full and sole discretion to meet business needs of NAPI.
_____	I further understand that the foregoing Job Description is not all-inclusive of the duties to which I may be assigned. To meet business needs, ensure maximum flexibility and efficiency, and to encourage cross training, I acknowledge that I may be assigned additional duties as are deemed necessary or desirable by NAPI.
_____	I acknowledge that NAPI also reserves the exclusive right to transfer, assign, or locate the incumbent to another job assignment within this job title for which I am qualified. Such transfer, re-assignment or re-location may be on either a temporary or regular basis, and shall be done to meet the business needs of NAPI.
_____	I also certify that I can perform the essential functions of this Job Description either with or without a reasonable accommodation.
_____	I further acknowledge that this Job Description does not constitute a written or implied contract of employment with NAPI.

Accepted and Acknowledged by:

_____	Employee Signature	_____	Date
_____	Print Employee's Name		

Witnessed by:

_____	NAPI Representative Signature	_____	Date
_____	Print NAPI Representative's Name and Job Title		