

# **OFFICIAL JOB DESCRIPTIONS**

## **Santa Susana Field Laboratory (SSFL) Canoga / VanOwen / DeSoto / Downey Facilities**

For Review and Potential Inclusion to the Site Exposure Matrices (SEM)



**CORE Advocacy for Nuclear & Aerospace Workers**

Presented To:

Division of Energy Employee Occupational Illness Compensation (DEEOIC)

Office of Worker Compensation (OWCP)

Site Exposure Matrices (SEM)

Advisory Board on Toxic Substances & Worker Health (ABTSWH)

Prepared by:

D'Lanie Blaze, CORE Advocacy for Nuclear & Aerospace Workers • [COREAdvocacy.org](http://COREAdvocacy.org) • Sept. 7, 2017



## CORE Advocacy for Nuclear & Aerospace Workers

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### JOB DESCRIPTIONS:

#### SANTA SUSANA FIELD LABORATORY (SSFL) / CANOGA FACILITY / DESOTO FACILITY

CORE Advocacy respectfully submits the following Job Descriptions for review by Division of Energy Employee Occupational Illness Compensation (DEEOIC) Office of Worker Compensation (OWCP) Policy Branch and the Site Exposure Matrices (SEM) Public Administrator. The Job Descriptions may provide valuable information for inclusion to the SEM database for Area IV of the Santa Susana Field Laboratory (SSFL) and its associated sites (Canoga, VanOwen, DeSoto, and Downey).

The Job Descriptions herein were officially issued by an established Department of Energy (DOE) contractor, North American Aviation (NAA) Atomics International / Rocketdyne or its corporate successors (Rockwell International / The Boeing Company). They are typically provided to Seattle District Office and DEEOIC as part of Boeing and DOE's response to the EE-5 Employment Verification (EE-5 EV) process and Document Acquisitions Request (DAR). As such, they are commonly found in EEOICPA claimant case files.

Job Descriptions included in this submission were retrieved directly from claimant case files, with the exception of one case (File #4941) where the Job Descriptions were retrieved from the claimant's personal records archive and may also exist in the EEOICPA case file (which I have not yet received or reviewed). Additionally, CORE Advocacy has included the following information with each Job Description:

- Corresponding Case ID Number
- The Employee's actual work location(s) (as reflected in DAR records and the case file)
- The Employee's assigned "Time Clock Locations" (as depicted in Boeing's EE-5 EV Summary)

#### Why "Time Clock Locations" May Be Valuable to the SEM

CORE Advocacy supports comprehensive database development based on the core principles of advanced planning and structure. The following information may have bearing on current and future search criteria and cross-referencing capability within the SSFL / Canoga / DeSoto SEM regarding Buildings, Locations, Processes, Job Titles and Labor Categories.

Currently, there are distinct challenges in identifying worker eligibility based on Area IV employment. These problems stem from:

- Worker Rotation among DOE-contractor and subcontractor employees
- Boeing's failure to provide detailed and authentic employment records
- Reliance on Boeing's deficient EE-5 EV "Time Clock Location Summary" to establish work location(s)

### Challenges in Identifying Area IV Employment / Boeing's "Time Clock Location Summary"

The Boeing EE-5 EV "Time Clock Location Summary" was intended to assist DEEOIC in verifying which employees had performed job duties in Area IV, versus which employees did not. However, the Summary has been found to routinely misrepresent qualified Area IV employees as workers who do not qualify under EEOICPA.

Because the Summary only reflects a worker's use of various "Time Clock Locations," and because it has been established that employees routinely used a "Time Clock Location" outside Area IV before rotating into Area IV to work for DOE, the Summary has no factual or reliable correlation on where employees performed job duties at the worksite(s).

It should be noted, however, that the Summary frequently shows that Area IV Job Titles and Labor Categories were affiliated with specific "Time Clock Locations" outside Area IV at facilities that have been identified as DOE-support facilities.

By understanding the scope of the problem, we may be able to determine which non-Area IV "Time Clock Locations" are routinely associated with Area IV Job Titles, Processes, Locations, and Labor Categories; broaden the scope of the SEM's cross-referencing capability and search query; and aid Claims Examiners (CEs) in more accurately identifying worker locations and potential exposure by sufficiently developing a claim, using the SEM as a powerful tool.

### The Problem with Boeing's EE-5 EV "Time Clock Location Summary"

In 2005, DEEOIC rightfully expanded SSFL's "covered area" to include the entirety of Area IV (290 acres) and all DOE-contractor / subcontractor employees who may have rotated into Area IV from other areas of SSFL, Canoga or DeSoto, during covered time periods.

The decision came after a three-year disagreement with DEEOIC, wherein DOE and Boeing had actively argued to limit EEOICPA eligibility to a handful of employees associated with a 90-acre subset portion of Area IV. DOE and Boeing claimed all DOE operations and only a small number of easily identified employees had been confined within the 90-acre area. However, DEEOIC's decision was based on a thorough evaluation of site and worker history, and the original facility contract that specifically permitted the contractor to use the entirety of its facilities, *at its discretion*, to fulfill government contracts.

DOE and Boeing failed to disclose their shared interests in minimizing obligations to an ongoing (30+ year) and highly controversial environmental cleanup at SSFL. By downplaying the scope of DOE activities that resulted in environmental contamination and worker health consequences, DOE and Boeing's obligations are significantly lessened. Moreover, while DEEOIC's inclusion of rotating workers was appropriate, the employment records of these workers verify DOE-operations well beyond Area IV, throughout the entirety of SSFL (2,850 acres).

In response to DEEOIC's 2005 eligibility decision, Boeing agreed to assist DEEOIC in identifying *which workers* rotated into Area IV. The contractor was then permitted to create its own "Time Clock Location Summary," and to provide it to DEEOIC in response to EE-5 EV requests. The agreement was that Boeing would provide *factual information showing where workers performed job duties at the worksite*.

Boeing was well aware that employees routinely rotated into Area IV after using a "Time Clock Location" outside Area IV. At its very outset, Boeing knew that the "Time Clock Location Summary" would not provide DEEOIC with an accurate depiction of where employees had performed job duties at SSFL, Canoga or DeSoto Facility.

CE's have been allowed to rely on the "Time Clock Location Summary" to determine worker eligibility to EEOICPA. As a result, the number of claims adjudicated have been dramatically reduced, as years or decades of verifiable covered employment are routinely disqualified in error. In addition, the Summary's inaccurate and misleading information has resulted in dose reconstructions based on an incomplete depiction of covered employment and a diminished perception of potential exposure, both of which may result in a lowered a probability outcome. The Summary can obscure SEC eligibility, changes in job descriptions and work locations, and worker involvement in incidents or accidents. Further, the Summary is frequently provided in lieu of authentic employment records, and it is often provided alongside misleading commentary by both DOE and Boeing, which effectively "leads" CE's toward a determination of disqualification and denial.

Ultimately, use of Boeing's Summary to establish eligibility to EEOICPA has undermined DEEOIC's 2005 eligibility decision, and placed DOE and Boeing in control of determining which workers have access to this program. There are growing suggestions that the Summary was created for the purpose of identifying eligible employment only among the employees that DOE and Boeing initially agreed to acknowledge, while leading to the erroneous disqualification of rotating workers that were specifically intended to be included in the 2005 eligibility decision.

Since CORE Advocacy brought this matter to DEEOIC's attention and suggested active comparison between the Summary and actual employment records, Boeing stopped providing robust authentic records in response to the DAR, in many cases. DOE then modified its contract with Boeing, changing the type of information Boeing is required to provide under EEOICPA and the Privacy Act. To date, DOE and Boeing continue providing the EE-5 EV Summary with misleading commentary, and the Seattle District Office appears to continue its reliance upon the Summary to establish EEOICPA eligibility.

#### The Boeing Summary Reflects Area IV Job Titles / Labor Categories at Consistent "Time Clock Locations," Outside Area IV

There are growing suggestions that certain Area IV Job Titles and Labor Categories are tied to specific non-Area IV "Time Clock Locations," which suggest that DOE-contractor employees who are associated with these "Time Clocks" are likely to have worked in Area IV.

For example, we find that Maintenance / Site Services / Plant Services / Site Remediation Personnel are consistently associated with a "Time Clock Location" at the Area II Building 203, 204, 206 or 208 Machine Shop / Complex. Documentation shows these locations were considered to be "DOE Support Facilities," and that these departments maintained dispatch and administrative offices at this location. Further, workers continuously acknowledge that this location was associated with DOE Atomic International / Energy Systems Group (ESG - Rockwell International) activities.

Most employees whose Summary reflects this "Time Clock Location" are summarily disqualified from EEOICPA. But, their employment records and DARs routinely contain evidence of Area IV rotation and job performance, including radiation monitoring data. In some cases, their employment records validating Area IV employment remain without discovery for years, languishing in the case file because the CE relied solely upon the Summary to make an eligibility determination. However, persistent indications that these groups of employees were, at least for a portion of their SSFL employment, associated with this "Time Clock Location" suggests that most - if not all - workers assigned to "clock in" at the Area II Building 203, 204, 206 or 208 Machine Shop / Complex were Area IV employees.

#### Evidence of DOE-ETEC Area I "The Bowl" Operations: Under Review by DEEOIC

CORE Advocacy submitted contracts and other documentation to DEEOIC verifying DOE-ETEC Area I operations at "The Bowl." The documentation clearly supports DEEOIC's initial efforts toward acknowledging all DOE-contractor employees at SSFL, and taking appropriate steps to accommodate worker rotation. The documentation could provide DEEOIC with a sufficient basis to expand the "covered area" beyond SSFL Area IV, and restore the Area I "Bowl" to the SEM, where it once (appropriately) resided.

A copy of the information was supplied to the Department of Labor (DOL) Advisory Board on Toxic Substances and Worker Health (ABTSWH) based on their role to ensure the accurate and complete depiction of DOE Facilities listed in the SEM.

CORE Advocacy authored SEC Petition #0235 to include all DOE-contractor employees onsite based on worker rotation and an inability to rule out Area IV employment, a decision that would be consistent with SEC classes at GE Evandale, Oak Ridge Hospital, Rocky Flats and Area 51 where it is not possible to reliably or accurately identify work locations due to rotation and a lack of identifiers. The SEC Petition is currently under review by the National Institute for Occupational Safety and Health (NIOSH) and the Presidential Advisory Board on Radiation and Worker Health (ABRWH).

#### In Conclusion

CORE Advocacy understands that the SEM may be limited in the types of information that may be included, because currently, only Area IV is considered to be the "covered area." However, in considering the documented scope of DOE operations and activities that resulted in worker rotation into Area IV, it is reasonable that SEM developers should be provided with comprehensive site-specific information. At their discretion, it may directly influence SEM functionality and development.

Overlapping job duties, mismatched Job Descriptions verses documented tasks reflected in DAR records, and worker locations (both presumed/misrepresented, and actual), could impact SEM developers' approach to establishing a functional database. Additionally, consideration of this information (in advance) could assist in structural planning for a SEM that includes all DOE facilities, operations, and job processes at SSFL.

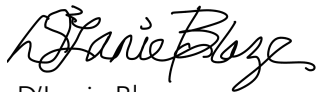
EEOICPA is a noble program. Those agencies, contractors, and advocates that serve EEOICPA are called to carefully consider site and worker history, and to evaluate any potential issue that could

obstruct or compromise a worker's ability to rely on due process under the Act. This is a *worker program*. It is not DOE or Boeing's to control or manipulate, nor is it their vehicle to further any outside agenda. By working together to ensure that SSFL information is accurate and complete, we help to ensure that EEOICPA functions as it was intended for Cold War and Race to Space Heroes of the Santa Susana Field Laboratory (SSFL), its associated facilities, and every other site affiliated with this program.

Thank you for your review and consideration of the following Job Descriptions, and their addition to the SEM as appropriate. If you have questions about the information, please contact me. As CORE Advocacy continues to represent workers of SSFL, Canoga and DeSoto, I look forward to providing additional information for your consideration and possible addition to the database.

It is a privilege to participate in the SEM.

Sincerely,

A handwritten signature in black ink that reads "D'Lanie Blaze". The signature is written in a cursive, flowing style.

D'Lanie Blaze

Advocate / Authorized Representative

CORE Advocacy for Nuclear & Aerospace Workers

Job Description: Fireman / Fire Protection Officer

Case ID: 50013346

Job Code: 12830 [Obtained from DAR]

DAR Records Verify Actual Work Locations: SSFL Area IV Building 4053  
SSFL Area IV Building 4029 (RMF / HWMF)

EE-5 EV "Time Clock Locations": SSFL Area IV Timeclock Shack 333  
DeSoto Facility Bldg. 105 Upstairs  
DeSoto Facility Bldg. 003  
Canoga Main / Protective Services

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### **FIRE PROTECTION OFFICER**

Individual will perform duties as Fire protection Officer to include operation and first echelon maintenance of all mobile, portable and installed fire fighting equipment. Conduct fire prevention inspections and follow-up of discrepancies found. Perform Detex fire and security patrols of all NAAO facilities. Perform additional duties as Protective Services Officers when required. Respond and assist in all emergencies such as medical, fire, security and disasters which may arise during his/her tour of duty. Conduct preliminary investigations and accomplish proper forms and reports for any inspections, accidents, thefts or unusual occurrences when he/she observes or is assigned hi/her and perform duties as required and directed.

**(Note: Reproduced from an employment requisition dated in the 1980's – we have nothing older)**



Job Description: Engineer Test

Case ID: 50014489

Job Code: P022

DAR Records Verify Work Locations:

Boeing did not provide employment records.

EE-5 EV "Time Clock" Locations:

SSFL Area I Machine Shop Bldg. 435

SSFL Area IV Timeclock Shack 333

Canoga Facility; Main Engineering Downstairs

NORTH AMERICAN AVIATION, INC.  
ADMINISTRATIVE & PROFESSIONAL  
JOB DESCRIPTION

Title: ENGINEER - TEST

Code: P022

Summary:

To plan and perform, with little special guidance and instruction, process and product test engineering in one or more of the following fields: mechanical, aeronautical, chemical, electrical, metallurgical, nuclear, or propulsion.

Duties:

Plan and carry out the tests required in one or more of the specialized fields of engineering, preparing complete reports covering the results of an assigned problem.

Plan and direct the installation, calibration, test check, and use of instrumentation. Evaluate and prepare calibration data, records, and reports on instrumentation problems and operation.

Analyze test data and observations in order to devise better testing techniques; suggest product modifications, resulting from test analysis that may result in better operational use.

Direct the work of mechanics and technicians in the installation, preparation, and maintenance of test equipment.

Prepare material for production process specifications and handbooks which has been evolved from the developmental test effort.

Job Description: Principal Engineering Specialist

Case ID: 50014489

Job Code: P117

DAR Records Verify Work Locations:

Boeing did not provide employment records.

EE-5 EV "Time Clock" Locations:

Canoga Facility; Main Engineering Upstairs  
DeSoto Facility Bldg. 101

ROCKWELL INTERNATIONAL CORPORATION  
MEMBER TECHNICAL STAFF JOB DESCRIPTION

MEMBER TECHNICAL STAFF VII

JOB CODE: P117

PRINCIPAL ENGINEERING SPECIALIST

JOB CLASS: MTS VII

NATURE & SCOPE

Job for a specialist recognized beyond the company as one of the leading authorities in a technical field who identifies and works on problems within a technical field with minimal supervision. Expected to extend existing boundaries of knowledge.

KNOW-HOW

1. Highly advanced technologies, scientific principles, theories, and concepts.
2. Capable of developing new principles, theories, and concepts.

TYPICAL ASSIGNMENTS

1. New situations.
2. Multiple inter-related problems.
3. Highly innovative solutions.
4. Required information seldom readily available.
5. Thinking guided by advanced theories and concepts.

FREEDOM TO ACT

1. Determines technical goals subject to functional policies and objectives.
2. Receives general managerial direction.
3. Review of end results over prolonged time span (6-12 months).

OTHER (IMPACT, RELATIONSHIP)

1. Erroneous decision or recommendation could have a prolonged effect on organization's reputation and business posture.
2. Serves as consultant to top management.
3. Prime spokesperson to customer personnel.
4. Often instrumental in attracting and obtaining major new business contracts.

March 1, 1982

Job Description: Engineer - Research

Case ID: 68123

Job Code: P019

DAR Records Verify Work Locations:

Boeing did not provide employment records.

EE-5 EV "Time Clock" Locations:

SSFL, Unknown Location

SSFL Area IV Timecard Shack 805

SSFL Area IV Timecard Shack 333

SSFL Area I Building 435

SSFL Area II Building 208

NORTH AMERICAN AVIATION, INC.  
ADMINISTRATIVE & PROFESSIONAL  
JOB DESCRIPTION

307-2-2-20

Title: ENGINEER-RESEARCH

Code: P019

Summary:

Perform, with little or no guidance or instruction, basic or applied research in one or more fields of engineering or science.

Duties:

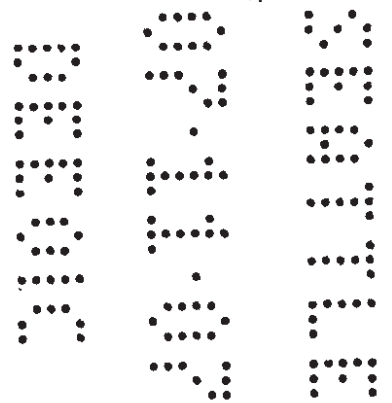
Plan method of approach and organize means to solve problems inherent in the assigned research project. Determine the theoretical basis or principles which should apply, experimental and test procedures to employ, and estimated time to complete.

Applies training and experience in one or several specialized branches of science and engineering, usually completing the assigned project with little or no special guidance or instruction. Often the assignment consists only of the basic problem and its relation to the work of the section.

Prepare engineering reports summarizing the methods employed and the results obtained in the solution of the assigned project or problem.

Qualifications:

Normally, five years' training and experience is required, including four years' specialized college training in an engineering or scientific field plus one year of practice in related research.



Job Description: Engineering Specialist

Case ID: 50011305

Job Code: P115

Job Class: MTS V

Job Description: Specialist - Research

Job Code: P074

DAR Records Verify Work Locations:

No work locations were identified in DAR records. Boeing only provided EE-5 EV "Summary" showing SEC eligibility based on Downey employment.

EE-5 EV "Time Clock" Locations:

Downey Facility  
SSFL (Unknown Area)  
Canoga Facility (Main Engineering, Upstairs)  
Canoga Facility Executive Offices

ROCKWELL INTERNATIONAL CORPORATION  
MEMBER TECHNICAL STAFF JOB DESCRIPTION

MEMBER TECHNICAL STAFF V

JOB CODE: P115

ENGINEERING SPECIALIST

JOB CLASS: MTS V

NATURE & SCOPE

Job for a fully qualified lead engineer/scientist or a competent technical specialist working under broad managerial direction.

KNOW-HOW

1. Demonstrates extensive expertise in a technical field.
2. Capable of contributing to the development and application of new principles and concepts.
3. Capable of directing and coordinating the technical efforts of others.

TYPICAL ASSIGNMENTS


1. Multiple inter-related problems.
2. Some original solutions.
3. Required information sometimes unavailable.
4. Thinking guided by general principles.
5. Lead responsibility.

FREEDOM TO ACT

1. Subject to functional precedents and policies.
2. Receives broad assignments and managerial direction.
3. Considerable latitude in determining technical objectives of assignment.
4. Normally only end results reviewed in terms of meeting objectives.

OTHER (IMPACT, RELATIONSHIP)

1. Erroneous decisions or recommendations could result in failure to achieve goals critical to a major program.

 Represents Division/Group as a customer contact,



NORTH AMERICAN ROCKWELL CORPORATION  
AEROSPACE & SYSTEMS GROUP  
ADMINISTRATIVE & PROFESSIONAL  
JOB DESCRIPTION

Title: SPECIALIST - RESEARCH

Code: P074

Summary:

Plan and execute complex theoretical studies and analyses in a specialized engineering or scientific field.

Duties:

Conduct complex theoretical and experimental investigations in engineering or scientific fields, and devise special means of approach to the solution of related problems requiring advanced creative engineering or scientific effort.

Detect at an early stage and accurately evaluate the many special problems which exist in a major development program. Assess the relative emphasis which should be placed upon the various phases of the development effort.

May direct the work of others in accomplishing assignments.

Qualifications:

Normally, thirteen years' experience is required, including four years' college training in engineering, two years' advanced training in a specialized field, and seven years' experience in development and research in the field of scientific endeavor.

Job Description: Inspector - Radiographic  
Job Code: 3474

Case ID: 20002716

Job Description: Inspection - Radiographic Senior  
Job Code: 3473

Job Description: Maintenance Oiler [Site Remediation Process]  
Job Code: 820 A

Job Description: Maintenance Construction Mechanic [Site Remediation Process]  
Job Code 811A

DAR Records Verify Work Locations:

SSFL Area IV Bldg. 4006 Sodium Comp. Test Inst. (SCTI)  
SSFL Area IV Bldg. 4009 OMR / SGR / Van de Graaf #2  
SSFL Area IV Bldg. 4011 Rad. Inst. Calibration Lab  
SSFL Area IV Bldg. 4020 Hot Laboratory  
SSFL Area IV Bldg. 4024 SNAP  
SSFL Area IV Bldg. 4055 Nuclear Mat. Dev. Fac. (NMDF)  
SSFL Area IV Bldg. 4100 AETR / LMFBR / CT Scan  
SSFL Area IV Bldg. 4143 SRE  
SSFL Area IV Bldg. 4463 Sodium Cleaning / Handling  
DeSoto Facility  
Canoga Facility

EE-5 EV "Time Clock" Locations:

Canoga Facility, Manufacturing Building 037  
SSFL Area II Building 201  
SSFL Area II Building 224  
SSFL Area I Clock House 436  
SSFL Area II Building 204  
SSFL "Unknown"

ROCKWELL INTERNATIONAL

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JOB DESCRIPTION

Job Code: 3474  
Labor Grade: 10

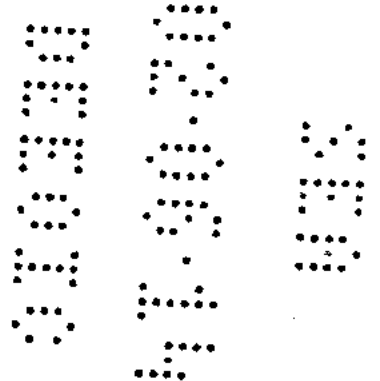
INSPECTOR - RADIOGRAPHIC

QUALIFYING REQUIREMENTS

Analyze radiographic disclosures to determine acceptability of materials, parts and weldments in accordance with furnished comparative charts or films, differentiating between defective radiographs and X-rayed parts or areas. Detect and identify defects and conditions shown on radiographs which are obvious or distinguished by comparative aids. Reject those items which do not comply with required standards and specifications.

Instruct X-ray operators regarding film requirements, setup of X-ray equipment and specimen on X-ray table, and control settings to accomplish desired exposure by analyzing techniques and methods applied in making and processing radiographs. Includes determining changes in techniques to produce acceptable radiographs as well as establishing standards to assist X-ray operators.

Approve acceptable items and prepare necessary paper work indicating disposition of findings. Record procedural information in radiograph "log" books.



**ROCKWELL INTERNATIONAL**

**Official Use Only**

**JOB DESCRIPTION**

**Job Code: 3473  
Labor Grade: 15**

**INSPECTION - RADIOGRAPHIC**

**OCCUPATIONAL SUMMARY**

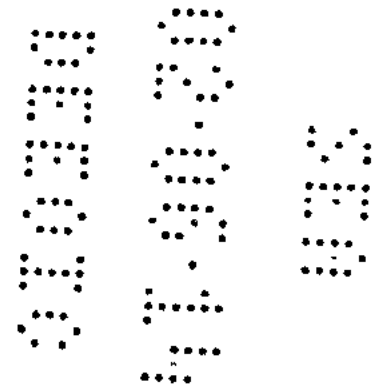
Analyze, interpret and evaluate radiographs of materials, parts and weldments for compliance with required specifications and standards and for developing radiographic techniques and standards.

**INSPECTOR - RADIOGRAPHIC, SENIOR**

**QUALIFYING REQUIREMENTS**

Analyze, interpret and evaluate radiographic disclosures, without the aid of comparative charts, to determine acceptability of materials, parts and weldments. Detect and identify defects affecting quality and safety factors such as cracks, inclusions, segregations, cavities, undercuts, draws, incomplete fusion and porosity. Determine the acceptability of items having marginal defects and reject those which do not comply with required standards and specifications. Recommend changes in the setup and operation of industrial X-ray equipment and X-ray film processing.

Stamp off or otherwise approve acceptable items. Prepare necessary paper work giving disposition of findings. Coordinate recurring defects with concerned engineering and vendor personnel and recommend corrective measures.



October, 1968

Official Use Only

**BOEING/UAW  
HOURLY JOB DESCRIPTION**

**MAINTENANCE OILER**

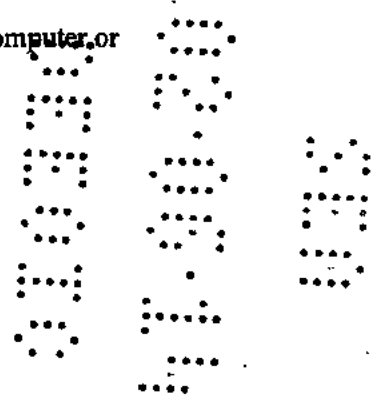
**JOB CODE 820A  
LABOR GRADE 4-8**

**OCCUPATIONAL SUMMARY**

Oil, grease and clean various types of mechanical equipment, electric motors, and machines, maintain sumps and provide coolant service to production machines.

**QUALIFYING REQUIREMENTS**

- Work from maintenance work orders, equipment and machinery manuals; check lists, preventative maintenance schedules and other written or verbal instructions.
- Grease, clean and oil various types of mechanical and hydraulic equipment, electric motors and machinery.
- Replenish lubricants in equipment/machinery reservoirs and replace filters in units.
- Remove, replace and adjust fitting cups and covers as required.
- Applying a working knowledge of coolant management systems, clean and check machine coolant reservoirs and refill as necessary.
- Filter machine coolant and test for bacteria and contaminates.
- Dispose of waste in accordance with Federal, State and Local laws, ordinances and codes.
- Record maintenance data and statistics manually or with the aid of a computer, or computer-based system.



December 1999  
Local 1519 SSFL Only

# Official Use Only

## BOEING/UAW HOURLY JOB DESCRIPTION

**MAINTENANCE CONSTRUCTION  
MECHANIC**

**JOB CODE 811A  
LABOR GRADE 10-16**

### OCCUPATIONAL SUMMARY

Layout and fabricate, assemble, construct, alter and repair equipment items, structures, metal buildings and non-productive sheet metal parts and assemblies. Static and safety check loading and lifting devices.

### QUALIFYING REQUIREMENTS

- Read and interpret assembly and installation drawings, sketches, blueprints, maintenance work orders, specifications and maintenance engineering documents to determine the methods and sequence of operations required in the support of maintenance operations.
- Layout reference lines and guidelines on detail parts and materials, calculate sheet metal bend allowances.
- Set up and operate a wide variety of hand and power tools and equipment to fabricate parts and assemblies, including those that involve tapers, square to round transitions, offsets and compound angle fittings.
- Fabricate, assemble and install units, systems and projects involving metal structures and sheet metal such as ducting systems, structural frames, sections and units for test stands or benches, scaffolding, rigging and handling and holding devices.
- Rework, repair and make alterations on detail parts, assemblies, structures and units.
- Static test and safety check hoists, slings, cranes, conveyor or other overhead equipment.
- Operate tractors, graders, backhoes and mobile cranes incidental to other assignments.
- Record fabrication and repair data and statistics manually or with the aid of a computer or computer-based system.

Job Description: Junior Engineer - Research

Case ID: 50012409

Job Code: 7707

DAR Records Verify Work Locations:

SSFL Area IV Building 4143 SRE  
SSFL Area IV Building 4021 RMHF / RMDF

EE-5 EV "Time Clock" Locations:

SSFL Area IV Timeclock Shack 836  
SSFL Area II Building 201

NORTH AMERICAN AVIATION, INC.  
TECHNICAL & OFFICE  
JOB DESCRIPTION

Job Code: 7707  
Labor Grade: 11

JUNIOR ENGINEER-RESEARCH

SUMMARY

To perform scientific research and original process and product development engineering and research with guidance and instruction on only the more difficult elements of the assigned project.

QUALIFYING DUTIES

Do scientific research and process and product development engineering and research on assigned projects in one or several specialized branches of the sciences of physics and chemistry and/or recognized fields of engineering but with guidance and instruction only in solving the more difficult problems involved and in effective organization of effort.

Make thorough search of available data and literature on the project subject and make charts, graphs, computations and abstracts needed to summarize and extend such information.

Design equipment or devise method to obtain experimental data and to test elements of the assigned research project; and set up and conduct related tests or direct others in such activity.

Write engineering reports covering all phases of the assigned project, including, if required, historical background, theoretical basis, method of solution, results or conclusions, and recommendations.

Advise and collaborate with shop in an engineering capacity on advanced machine maintenance and manufacturing process control problems.

Apply to solution of assigned problems research techniques and applicable physical laws and principles and, as required, advanced mathematical tools as differential equations, vector analysis and probability theory.

Assist Research Engineers as required.



Job Description: Propulsion Test Inspecting

Case ID: 68211

Job Code: 923 T

DAR Records Verify Work Locations:

No work locations were identified in DAR records. Boeing only provided EE-5 EV "Summary" showing "Time Clock Locations," which does not provide a factual or reliable depiction of locations of actual job performance.

EE-5 EV "Time Clock" Locations:

SSFL Area IV Building 4066 Instrumentation Calibration  
SSFL Area IV Timecard Shack 836  
SSFL Area I Clock House

# NORTH AMERICAN ROCKWELL

## JOB DESCRIPTION

Job Code: 923T  
Labor Grade:

### PROPULSION TEST INSPECTING

#### OCCUPATIONAL SUMMARY

Inspect the static and kinetic testing of experimental and production liquid and gaseous propellant rocket engine systems and components for the purpose of maintaining quality control standards relative to proving engineering design and conforming to company and customer requirements.

### PROPULSION TEST INSPECTOR-SENIOR

#### QUALIFYING REQUIREMENTS

Be responsible for and perform the inspection of complete experimental and production rocket engines and their components before, during and after static and kinetic testing and in coordination with engineering development, company and customer requirements.

Verify that rocket engines and their components meet all necessary design specifications and company and customer quality requirements in conjunction with static and kinetic testing operations. Recognize causes of malfunctions of tested items and identify the scope of discrepancies. Verify that special tests relative to performance and performance requirements meet quality standards. Inspect test facilities such as stands, installations, etc., to assure compatibility with quality control standards. Direct and coordinate the quality control work of assistants on various assigned portions of a rocket engine. Make recommendations and suggestions regarding inspection methods, maintain progress record, write quality control reports and order rejections or rework as a result of tests. Sign off rocket engines as complete and acceptable.

December, 1971

Job Description: Inspection - Reactor Assembly  
Job Code: 9073

Case ID: 20002870

DAR Records Verify Work Locations:

DeSoto Facility  
SSFL Area IV Building 4020 Hot Laboratory  
SSFL Area IV Building 4022 RMHF / RMDF  
SSFL Area IV Building 4055 NMDF  
SSFL Area I DOE-EETC Coal Gasification Fac.

EE-5 EV "Time Clock" Locations:

SSFL Area IV Building 4011 Machine Shop  
SSFL Area I Building 436 Machine Shop  
SSFL Area II Building 203 Machine Shop

NORTH AMERICAN ROCKWELL CORPORATION  
AEROSPACE & SYSTEMS GROUP

Job Code: 9073

JOB DESCRIPTION

INSPECTION-REACTOR ASSEMBLY

OCCUPATIONAL SUMMARY

Inspect nuclear reactor assemblies during and after assembly and welding operations.

INSPECTOR-REACTOR ASSEMBLY, SENIOR

QUALIFYING REQUIREMENTS

Plan inspection methods and procedures to visually, dimensionally and functionally inspect nuclear reactor assemblies and systems by interpreting preliminary and major assembly drawings and process specifications. Plan inspection for assemblies involving many closely coordinated locating points in several planes by review of specifications and calculating dimensions and compound angles.

Make layouts directly on parts or assemblies to confirm accuracy of layout, positioning, workmanship and coordination with next assembly.

Set up assemblies on surface plate in positions to verify correctness of locations, hole patterns, configuration, levelness, parallelism, coordinated dimensions and other specifications using precision measuring instruments including transits, collimators and sight levels.

Make the initial inspection of reactor assemblies where inspection techniques and procedures have not been established. Inspect assemblies where critical dimensions must be held to exacting tolerances, such as on reflector assemblies, recombiners, control and safety rods. Visually, dimensionally and functionally inspect assemblies through all phases of assembly and welding to completion. Inspect fusion welding of reactor assemblies, where defective weldments cannot be readily detected and must pass the most rigid nuclear engineering requirements by making a variety of investigative tests including helium leak checks. Accept or reject parts, assemblies and workmanship and prepare inspection dispositions. Make recommendations as a result of inspection findings.

October, 1968

NORTH AMERICAN ROCKWELL CORPORATION  
AEROSPACE & SYSTEMS GROUP

Job Code: 907  
Labor Grade: 1

JOB DESCRIPTION

INSPECTOR-REACTOR ASSEMBLY

QUALIFYING REQUIREMENTS

Visually, dimensionally and functionally inspect complete nuclear reactor assemblies and systems under the direction of senior inspectors or where quality procedures and requirements have been established. Verify that subassemblies or portions of nuclear reactor assemblies and systems are constructed and welded in compliance with specifications. Inspect subassemblies prior to final assembly for completeness, workmanship, cleanliness, alignment and interchangeability. Analyze results of pressure and leak tests from readings taken from recording instruments, graphs and charts. Inspect fusion welding of reactor assemblies for conformance with nuclear engineering welding specifications. Check for correct joint fits prior to and after welding, excessive or inadequate drop through and buildup or for weldment or base metal defects which can be readily detected.

Inspect modifications and repairs for safety, workmanship and serviceability. Stamp off or otherwise accept or reject parts, assemblies, operations and workmanship. Make recommendations regarding unsatisfactory conditions during or after assembly and welding.

October, 1968

Job Description: Welder - Journeyman  
Job Code: 1603

Case ID: 50011533

DAR Records Verify Work Locations:

SSFL Area IV Building 4027  
Maintenance Welding - All Locations

EE-5 EV "Time Clock" Locations:

SSFL Area IV Timeclock Shack 343  
SSFL Area IV Building 4027 SNAP Complex  
SSFL Area II Shack Below First-Aid Station  
SSFL Unknown Locations (Site Remediation Period)  
SSFL Area II Building 206  
SSFL Area I Building 383  
SSFL Machine Shop 435  
Canoga Facility

WELDER - JOURNEYMAN

OCCUPATIONAL SUMMARY

Weld company products or tooling by manual fusion welding utilizing highly skilled welding techniques.

QUALIFYING REQUIREMENTS

Weld company products by certified manual fusion welding where processes and techniques have not been established or where welding sequences must be determined without the aid of established procedure to minimize distortion affecting critical tolerance requirements.

Weld company products by certified manual fusion welding method in an oxygen free chamber where the distribution of gases or vacuum requirements is difficult to maintain or vision is distorted to the extent that the weld puddle is not discernible. Weld in an oven or "hot box" while heated part is maintained within closely specified heat ranges.

Weld company products by certified manual fusion welding where maintaining critical alignment tolerances requires improvising tooling and holding fixtures. Lay out locations and make own setups for welding as required.

Weld tooling or related holding devices using electric and gas arc processes on any surface where the weld must withstand stresses equivalent to those imposed on the parent metal. Weld where the application of heat to the surface to be welded requires maintaining specified tolerances without machining after welding or where the location of details must be held to exacting tolerances after welding. Make templates and improvise temporary holding fixtures.

Weld tooling or related holding devices where critical preheat temperatures must be maintained during multipass high strength welding on vertical surfaces to avoid distortion and assure a sound weld.

As required, set up and operate various types of automatic inert gas arc welding machines to do longitudinal and circumferential welding of parts and assemblies which require performance of manual fusion welding described herein to complete welding operations.

Pass and maintain all customer certification and civil code requirements necessary to perform assigned work.

Los Angeles area divisions only

Job Description: Mechanic - Nuclear / Liquid Metals Research Operations  
Job Code: 5883

File #: 4941

Job Description: Air Conditioning & Refrigeration Mechanic  
Job Code: 4003

Job Description: Maintenance Utility Worker  
Job Code: 7383

Job Description: Janitor  
Job Code: 5263

Job Description: Driver  
Job Code 9024

Job Description: Maintenance Construction Mechanical  
Job Code: 6033

Job Description: Mechanical Engineering - Propulsion Test  
Job Code: 563K

Job Description: Propulsion Systems Operations  
Job Code: 947 T / 817 A

\*CORE Advocacy awaits complete copy of case file.



# ROCKWELL INTERNATIONAL

HOURLY

Job Code: 5883  
Labor Grade: ~~17~~ 18

## JOB DESCRIPTION

### MECHANIC-NUCLEAR/LIQUID METALS RESEARCH OPERATIONS

#### OCCUPATIONAL SUMMARY

Plan, lay out, build, modify, assemble, operate, test and evaluate research and development components, materials, devices or systems containing nuclear fissionable materials or high temperature liquid metals in support of advanced nuclear research and development programs.

### MECHANIC-NUCLEAR/LIQUID METALS RESEARCH, SENIOR

#### QUALIFYING REQUIREMENTS

Plan the method and sequence of operations and build, modify, process, assemble, operate and test specialized components, radioactive nuclear devices and liquid metal test systems involving mechanical, electrical, chemical and hydraulic components or subsystems.

Determine the materials, instruments, tools and equipment necessary by analysis and interpretation of test goals and specifications.

Develop and modify procedures for and operate high temperature liquid metal systems in support of material or component evaluation tests.

Develop and modify procedures for and operate high temperature furnaces, controlled atmosphere and vacuum equipment, alpha boxes and remote handling devices to process, fabricate, test or perform analytical examination of developmental radioactive material in various configurations.

Take, record and evaluate test data, prepare progress reports, sketches and curves as necessary. Diagnose and correct malfunctions in equipment or systems disclosed from tests.

Understand and apply proper procedures for handling radioactive materials and liquid metals in performance of required tests and investigations.

JOB DESCRIPTION

AIR CONDITIONING & REFRIGERATION MECHANIC

OCCUPATIONAL SUMMARY

Install, maintain, service, repair and rebuild air conditioning and/or refrigeration systems, equipment and units.

QUALIFYING REQUIREMENTS

Plan sequence of operations and methods to use when making repair, replacements, mechanical alterations and overhauls following and being guided by trade practice and manufacturer's specifications.

Make installations of air conditioning and refrigeration systems. Check and calibrate systems after installation and make necessary changes, adjustments and modifications to obtain desired results.

Make routine, periodic or special inspections and do the repair and maintenance work necessary to prevent breakdowns and overhauls on air conditioning systems and refrigeration equipment. Maintain, repair, troubleshoot and overhaul air conditioning systems and refrigeration equipment by repairing, replacing, fitting and installing any internal mechanical parts. Charge system with refrigerant and check and test for leaks. Set and adjust controls and regulators and check operation after replacements and repairs.

Operate air conditioning systems to heat and cool air to specified temperatures, to maintain proper humidity, to clean air, and to prevent drafts, extremes in temperature and excessive changes in a given area by regulating and adjusting compressors, air intake, exhaust and recirculation equipment, dampers, water flow through condensers and controls.

Operate, defrost and service refrigeration systems and equipment. Make allowances or compensate for losses from door openings, volume of water demanded and volume of food or parts to be refrigerated in a specified period. Make operating adjustments to such equipment as compressors, damper motors, expansion valves, stage controls on compressors and minor plumbing and electrical accessories of compressor units. Check and calibrate thermostats.

# ROCKWELL INTERNATIONAL

## JOB DESCRIPTION

Job Code: 7383  
Labor Grade: 5  
MAX

87

### MAINTENANCE UTILITY WORKER

#### OCCUPATIONAL SUMMARY

Perform varied manual tasks involved in maintenance work. Provide assistance to higher level maintenance personnel. Oil, grease and clean various types of mechanical equipment, electrical motors and machines and the maintenance of sumps.

#### QUALIFYING REQUIREMENTS

Lubricate various types of mechanical and hydraulic equipment, production machinery and electric motors by oiling, greasing, replacing filters, straining hydraulic oils and replenishing reservoirs. Remove packing lubricants from new machinery and equipment and replace with specified lubricants. Remove, replace and adjust fitting cups and covers at lubrication points.

Dig trenches, ditches, foundations and other excavations and break up concrete and asphalt pads by using such hand tools as picks, air hammers, crow bars and sledges. Shovel sand, gravel or dirt using various types of hand tools. Move sand, gravel, dirt, concrete or plaster using a wheelbarrow or hod. Mix wet concrete or plaster as required. Load and unload raw materials, parts, assemblies, equipment, salvage, refuse, trash, rubbish and similar waste materials from and to trucks and railroad cars. Move or relocate furniture and cabinets by hand or with a dolly.

Clean and wash various types of equipment, machinery and parts such as paint booths, racks, cement mixers, sand blast hoppers, pits, cabinets, booths, utility trenches, tanks and large sumps by scraping and digging out waste. Burn or otherwise dispose of waste materials. Prepare surfaces to be painted. Operate incinerators and related equipment. Clean overhead structures using vacuum cleaners and brushes. Wash windows when use of safety equipment is required. Replace light bulbs, fuses, and broken windows. Cut holes in walls, floors and ceilings using star drills, chisels and hammers. Light and turn off oil-fired heaters having push button or other simple controls. Dismantle machinery, equipment, forms, scaffolds, sheds and racks. Obtain available materials, parts, equipment and tools and transport to and from the job. Move or load heavy materials, machinery and equipment by hand or using hoists and other moving devices.

October, 1981

ROCKWELL INTERNATIONAL

ROCKWELL INTERNATIONAL

JOB DESCRIPTION

Job Code: 5263  
Labor Grade: 2

JANITOR

OCCUPATIONAL SUMMARY

Sweep, clean, dust, wax, polish, mop, scrub, remove trash and perform other duties necessary to maintain good housekeeping in office, factory and ground areas.

QUALIFYING REQUIREMENTS

Sweep outside, factory and office areas. Empty waste baskets and trays. Place sweepings and trash in carts and receptacles. Scrub, mop, wash and dry floors, walls, woodwork and furniture. Clean carpets, carpeting and rugs with brooms, brushes, sweepers and vacuum cleaners. Polish and wax office furniture, floors, linoleum and woodwork. Wash and polish windows where use of safety belts is not necessary. Clean drinking fountains and lavatories. Replenish supplies such as soap, towels, drinking cups and disinfectants and sanitary napkins. Replenish supplies and collect from restroom vending machines.

Maintain good housekeeping in office, factory and ground areas.

Move furniture and other equipment incidental to the work described herein.

JOB DESCRIPTION

DRIVER

QUALIFYING REQUIREMENTS

Drive various types of single chassis trucks on public highways. Make pickups and deliveries to depots, post offices, freight terminals, vendors, stores and warehouses as dispatched or on regular runs. Make petty cash pickups. Drive, deliver or pick up automobiles or station wagons as assigned. Drive automobiles, limousines, station wagons, pickups or buses carrying visitors and employees.

Load or assist others in loading and unloading materials, salvage, parts, assemblies, tooling and equipment. Check load against shipping papers and process paperwork.

Perform emergency roadside maintenance such as changing tires and installing light bulbs, fuses, chains and spark plugs as required. Initiate action for maintenance of equipment. Check equipment such as tires, lights, brakes, gas, water and oil supplies.

# NORTH AMERICAN ROCKWELL

Job Code: 6033  
Labor Grade:

## JOB DESCRIPTION

### MAINTENANCE CONSTRUCTION MECHANICAL

#### OCCUPATIONAL SUMMARY

Lay out, fabricate, assemble, construct, alter and repair special equipment items, structures and metal buildings and facility sheet metal parts and assemblies.

### MAINTENANCE CONSTRUCTION MECHANIC - SENIOR

#### QUALIFYING REQUIREMENTS

Plan the methods and sequence of work operations to build, install and maintain various facility structures, sheet metal assemblies and special equipment items.

Lay out detail parts and assemblies involving tapers, right angle triangulation computations, square to round transitions, offsets and compound-angle fittings. Compute sheet metal bend allowance, using charts or tables.

Fabricate, assemble and install complete units, systems and projects involving structures, sheet metal and special equipment such as loading or carrying devices; sheet metal duct systems and units for ventilation, air conditioning, refrigeration and dust/fume collection; structural frames, sections and units for test stands/benches and buildings; scaffolding; rigging equipment and special handling and holding devices.

Rework, repair and make alterations of the nature and level described herein.

Operate such mobile equipment as tractors, graders, back hoes, mowers and mobile cranes incidental to other assignments.

# NORTH AMERICAN ROCKWELL

Job Code: 6033  
Labor Grade:

## JOB DESCRIPTION

### MAINTENANCE CONSTRUCTION MECHANICAL

#### OCCUPATIONAL SUMMARY

Lay out, fabricate, assemble, construct, alter and repair special equipment items, structures and metal buildings and facility sheet metal parts and assemblies.

### MAINTENANCE CONSTRUCTION MECHANIC - SENIOR

#### QUALIFYING REQUIREMENTS

Plan the methods and sequence of work operations to build, install and maintain various facility structures, sheet metal assemblies and special equipment items.

Lay out detail parts and assemblies involving tapers, right angle triangulation computations, square to round transitions, offsets and compound-angle fittings. Compute sheet metal bend allowance, using charts or tables.

Fabricate, assemble and install complete units, systems and projects involving structures, sheet metal and special equipment such as loading or carrying devices; sheet metal duct systems and units for ventilation, air conditioning, refrigeration and dust/fume collection; structural frames, sections and units for test stands/benches and buildings; scaffolding; rigging equipment and special handling and holding devices.

Rework, repair and make alterations of the nature and level described herein.

Operate such mobile equipment as tractors, graders, back hoes, mowers and mobile cranes incidental to other assignments.

# ROCKWELL INTERNATIONAL

## JOB DESCRIPTION

Job Code: 7383  
Labor Grade: 5  
MAX

87

### MAINTENANCE UTILITY WORKER

#### OCCUPATIONAL SUMMARY

Perform varied manual tasks involved in maintenance work. Provide assistance to higher level maintenance personnel. Oil, grease and clean various types of mechanical equipment, electrical motors and machines and the maintenance of sumps.

#### QUALIFYING REQUIREMENTS

Lubricate various types of mechanical and hydraulic equipment, production machinery and electric motors by oiling, greasing, replacing filters, straining hydraulic oils and replenishing reservoirs. Remove packing lubricants from new machinery and equipment and replace with specified lubricants. Remove, replace and adjust fitting cups and covers at lubrication points.

Dig trenches, ditches, foundations and other excavations and break up concrete and asphalt pads by using such hand tools as picks, air hammers, crow bars and sledges. Shovel sand, gravel or dirt using various types of hand tools. Move sand, gravel, dirt, concrete or plaster using a wheelbarrow or hod. Mix wet concrete or plaster as required. Load and unload raw materials, parts, assemblies, equipment, salvage, refuse, trash, rubbish and similar waste materials from and to trucks and railroad cars. Move or relocate furniture and cabinets by hand or with a dolly.

Clean and wash various types of equipment, machinery and parts such as paint booths, racks, cement mixers, sand blast hoppers, pits, cabinets, booths, utility trenches, tanks and large sumps by scraping and digging out waste. Burn or otherwise dispose of waste materials. Prepare surfaces to be painted. Operate incinerators and related equipment. Clean overhead structures using vacuum cleaners and brushes. Wash windows when use of safety equipment is required. Replace light bulbs, fuses, and broken windows. Cut holes in walls, floors and ceilings using star drills, chisels and hammers. Light and turn off oil-fired heaters having push button or other simple controls. Dismantle machinery, equipment, forms, scaffolds, sheds and racks. Obtain available materials, parts, equipment and tools and transport to and from the job. Move or load heavy materials, machinery and equipment by hand or using hoists and other moving devices.

October, 1981



## JOB DESCRIPTION

MECHANICAL-ENGINEERING PROPULSION TESTOCCUPATIONAL SUMMARY

This occupation requires furnishing, under experimental and developmental conditions, mechanical and electrical assistance to engineers preparatory to and during the testing of rocket engines, turbo jet engines, liquid propellants, rockets and components.

MECHANIC-ENGINEERING PROPULSION TEST, SENIORWORK PERFORMED

Be responsible for carrying out to completion diversified mechanical and instrumentation work operations necessary and required to prepare test hardware or specimens for static or kinetic tests. Requires utilizing a comprehensive knowledge in several fields of specialization such as hydro mechanics, electricity, metal fabrication, precision assembly and tubing mockup.

Establish exact dimensions, locations, adjustments and the methods required to lay out, assemble, install and connect plumbing systems, mechanical items, instrumentation, conduit, equipment and apparatus associated with the developmental and experimental testing of rocket engines, rockets, jet engines, liquid propellants or component parts by interpreting blueprints, schematic drawings, rough sketches, written and verbal technical instructions.

Perform, independently or with the help of assistants, under the direction of engineers such duties as:

- a) Modify test hardware holding devices, plumbing and control systems of a test facility by replacing and rearranging brackets, structures, piping, tubing, tanks and conduit.
- b) Install rocket engines, turbo jet engines, turbo pumps, gas generators, rockets, heat transfer units or other similar test hardware in test stands and hook up tubing, piping, conduit, instruments, equipment and mechanical items completely, correlating such work with the installation, calibration and operation of related instrumentation.
- c) Repair and assemble intricate hydro-mechanical operating units to exacting tolerances by doing extensive hand fitting in areas difficult of access and making numerous settings of adjustments where extreme care must be exercised to control satisfactory operations. Ascertain correct operation of units by test flow, internal leakage, pressure drop, load curves and cycles on test bench.
- d) Be responsible for the complete test setup and testing of new and developmental engineering hardware and specimens where the instrumentation is standardized. Examine test hardware for failures or malfunctions after test and report findings.

(continued on next page)

ROCKWELL INTERNATIONAL

HOURLY JOB DESCRIPTION

JOB DESCRIPTION

Job Code: 87A  
94TT  
Labor Grade: 18

PROPULSION SYSTEMS OPERATIONS

OCCUPATIONAL SUMMARY

Set up and test various propulsion power systems, propellants, rocket engines, components, propulsion devices and materials in connection with research, experimental or production operations.

PROPULSION SYSTEMS TECHNICIAN-OPERATIONS

QUALIFYING REQUIREMENTS

Plan and organize work operations necessary for the preparation, setup and testing of various propulsion power systems, propellants, rocket engines, components, propulsion devices and materials where independent action within an assigned area is required.

Plan sequence, direct and perform work operations required for preparation, installation in test stands or test cells and testing in accordance with engineering, customer and inspection procedures, specifications and verbal instructions. Plan and coordinate the modification, assembly and installation of test specimens and hardware including related mechanical, electrical and plumbing elements. Plan such work to coordinate with instrumentation requirements. Improvise, adapt and devise parts, units and mechanisms.

Determine the satisfactory operation of the hydromechanical, electro-mechanical and pneumatic test apparatus and equipment of completed test setups. Make final adjustments and calibrations preparatory to or during tests of propulsion test specimens or hardware. Analyze the cause of defects or deficiencies in the test apparatus or equipment and specify or make required modifications, repairs and replacements. Act as stand talker or control console operator during tests.

**ROCKWELL INTERNATIONAL**

**JOB DESCRIPTION**

Job Code: 5263  
Labor Grade: 2

JANITOR

OCCUPATIONAL SUMMARY

Sweep, clean, dust, wax, polish, mop, scrub, remove trash and perform other duties necessary to maintain good housekeeping in office, factory and ground areas.

QUALIFYING REQUIREMENTS

Sweep outside, factory and office areas. Empty waste baskets and trays. Place sweepings and trash in carts and receptacles. Scrub, mop, wash and dry floors, walls, woodwork and furniture. Clean carpets, carpeting and rugs with brooms, brushes, sweepers and vacuum cleaners. Polish and wax office furniture, floors, linoleum and woodwork. Wash and polish windows where use of safety belts is not necessary. Clean drinking fountains and lavatories. Replenish supplies such as soap, towels, drinking cups and disinfectants and sanitary napkins. Replenish supplies and collect from restroom vending machines.

Maintain good housekeeping in office, factory and ground areas.

Move furniture and other equipment incidental to the work described herein.

NORTH AMERICAN ROCKWELL CORPORATION  
AEROSPACE & SYSTEMS GROUP

Job Code: 5523  
Labor Grade: 4

JOB DESCRIPTION

MAINTENANCE UTILITY MAN

OCCUPATIONAL SUMMARY

Perform varied manual tasks involved in maintenance work in accordance with established methods and procedures.

QUALIFYING REQUIREMENTS

Obtain available materials, parts, equipment and tools and transport to the job. Return noted items and unused materials to storage area and remove waste materials after job completion. Place ladders, scaffolding, work stands, extension cords and air hoses in position as directed.

Dismantle machinery, equipment, forms, scaffolds, sheds and racks using mechanics' and carpenters' hand tools.

Move or load heavy materials, machinery and equipment by hand or using hoists and other non-motorized moving devices.

Prepare surfaces to be painted or recovered by sanding, cleaning, scraping, or removing paint or cemented covering with blow torch.

Clean and wash paint booths, racks, process tanks, machinery and parts using various types of cleaning solvents. Help clean out clogged drains, sumps, blower stacks, ventilating and heating equipment using "snakes" and other equipment.

Operate incinerators and related equipment by segregating, loading, lighting, and stoking combustible materials. Adjust various controls in accordance with verbal and written instructions. Pull ashes, clean grates, ash pits, smoke stacks and screens.

Clean overhead structures using vacuum cleaners and brushes. Wash windows when the use of safety equipment is required.

Replace light bulbs, fuses and broken windows.

Cut holes in walls, floors and ceiling using star drills, chisels and hammers.

Light and turn off oil-fired heaters having push button controls or other simple controls.

Job Description: Expediter  
Job Code: 4594

Case ID: 15042

Job Description: Janitor  
Job Code: 5263

Job Description: Maintenance Utility Man  
Job Code: 5523

DAR Records Verify Work Locations: SSFL Area IV RMHF / RMDF  
SSFL AREA IV Building 4020 Hot Laboratory

EE-5 EV "Time Clock" Locations: No Time Clock Location Summary Provided.  
The Claimant was disqualified for 15 years, because the DAR was not adequately reviewed or correctly interpreted; radiation records establishing the worker's location were never recognized.

## ROCKWELL INTERNATIONAL

### JOB DESCRIPTION

Job Code: 4594  
Labor Grade: 6

#### EXPEDITER

##### QUALIFYING REQUIREMENTS

Expedite orders through receiving inspection or an assigned area such as mills, drills, or lathes in a machine shop, or shears, brakes or presses in a sheet metal department.

Follow up actual shortages of parts, materials, tools, equipment and assemblies by contacting and conferring with control clerks, stock clerks, or other production control personnel in requesting information concerning tickets, due dates, in-work or availability of shortages, or other routine data where the course of action and the location of contacts are normally indicated by a production order or a shortage declaration routing. Expedite the physical progress of assigned shortages through manufacturing or other processing departments by moving or arranging for the movement of urgent parts, materials, tools, equipment or assemblies.

Prepare reports showing the status of assigned shortages in accordance with established procedure. Furnish information concerning recurring shortages, tooling difficulties, machine loading and other data to departmental personnel.

Secure necessary production orders, drawings, materials, or tooling required on an assigned project to assure schedule requirements.

## ROCKWELL INTERNATIONAL

### JOB DESCRIPTION

Job Code: 5263  
Labor Grade: 2

#### JANITOR

#### OCCUPATIONAL SUMMARY

Sweep, clean, dust, wax, polish, mop, scrub, remove trash and perform other duties necessary to maintain good housekeeping in office, factory and ground areas.

#### QUALIFYING REQUIREMENTS

Sweep outside, factory and office areas. Empty waste baskets and trays. Place sweepings and trash in carts and receptacles. Scrub, mop, wash and dry floors, walls, woodwork and furniture. Clean carpets, carpeting and rugs with brooms, brushes, sweepers and vacuum cleaners. Polish and wax office furniture, floors, linoleum and woodwork. Wash and polish windows where use of safety belts is not necessary. Clean drinking fountains and lavatories. Replenish supplies such as soap, towels, drinking cups and disinfectants and sanitary napkins. Replenish supplies and collect from restroom vending machines.

Maintain good housekeeping in office, factory and ground areas.

Move furniture and other equipment incidental to the work described herein.

NORTH AMERICAN ROCKWELL CORPORATION  
AEROSPACE & SYSTEMS GROUP

Job Code: 5523  
Labor Grade: 4

JOB DESCRIPTION

MAINTENANCE UTILITY MAN

OCCUPATIONAL SUMMARY

Perform varied manual tasks involved in maintenance work in accordance with established methods and procedures.

QUALIFYING REQUIREMENTS

Obtain available materials, parts, equipment and tools and transport to the job. Return noted items and unused materials to storage area and remove waste materials after job completion. Place ladders, scaffolding, work stands, extension cords and air hoses in position as directed.

Dismantle machinery, equipment, forms, scaffolds, sheds and racks using mechanics' and carpenters' hand tools.

Move or load heavy materials, machinery and equipment by hand or using hoists and other non-motorized moving devices.

Prepare surfaces to be painted or recovered by sanding, cleaning, scraping, or removing paint or cemented covering with blow torch.

Clean and wash paint booths, racks, process tanks, machinery and parts using various types of cleaning solvents. Help clean out clogged drains, sumps, blower stacks, ventilating and heating equipment using "snakes" and other equipment.

Operate incinerators and related equipment by segregating, loading, lighting, and stoking combustible materials. Adjust various controls in accordance with verbal and written instructions. Pull ashes, clean grates, ash pits, smoke stacks and screens.

Clean overhead structures using vacuum cleaners and brushes. Wash windows when the use of safety equipment is required.

Replace light bulbs, fuses and broken windows.

Cut holes in walls, floors and ceiling using star drills, chisels and hammers.

Light and turn off oil-fired heaters having push button controls or other simple controls.



Job Description: Janitor

Case ID: 50011352

Job Code: 5263

Job Description: Stock Clerk

Job Code 3583

Job Description: Stock Clerk

Job Code 7653

DAR Records Verify Work Locations:

SSFL Area IV Building 4020 Hot Laboratory  
SSFL Area IV RMDf / RMHF  
SSFL Area IV Building 4028 STIR / LMFBR  
SSFL Area IV Building 4023 SNAP  
SSFL Area IV Building 4055 NMDF

Records in Case File Verify Work at:

SSFL Area IV Building 4003 ETB / Hot Cave  
SSFL Area IV Building 4005 Uranium Carbide Fuel Fac.  
SSFL Area IV Building 4006 SCTI  
SSFL Area IV Building 4007 Unknown  
SSFL Area IV Building 4009 SGR / Hot Lab #2  
SSFL Area IV Building 4020 Hot Lab  
SSFL Area IV Building 4025 SNAP  
SSFL Area IV Building 4028 STIR / LMFBR  
SSFL Area IV Building 4032 SNAP / LMFBR  
SSFL Area IV Building 4042 SNAP  
SSFL Area IV Building 4055 NMDF  
SSFL Area IV Building 4057 SNAP  
SSFL Area IV Building 4065 UNKNOWN  
SSFL Area IV Building 4100 AETR  
SSFL Area IV Building 4143 SRE  
SSFL Area IV Building 4163 Box Shop  
SSFL Area IV Building 4357 SCTI  
SSFL Area IV Building 4626 RMHF / RMDf  
SSFL Area IV Building 4641 RMHF / RMDf  
SSFL Area IV Building 4664 Sodium Burn Pit

EE-5 EV "Time Clock" Locations:

SSFL Area II Building 204  
Canoga Facility, Main Tunnel Vault Area  
DeSoto Facility Building 105

\*Remarks: SEM should review records in case file showing Supervisory and Waste Disposal / Site Remediation Duties in Maintenance / Site Services / Plant Services, which may not match the Job Descriptions. Note the worker's "Time Clock Locations" when the Area IV work was performed. :-)

JANITOR 5263

**ROCKWELL INTERNATIONAL**

**JOB DESCRIPTION**

**Job Code: 5263**  
**Labor Grade: 2**

JANITOR

OCCUPATIONAL SUMMARY

Sweep, clean, dust, wax, polish, mop, scrub, remove trash and perform other duties necessary to maintain good housekeeping in office, factory and ground areas.

QUALIFYING REQUIREMENTS

Sweep outside, factory and office areas. Empty waste baskets and trays. Place sweepings and trash in carts and receptacles. Scrub, mop, wash and dry floors, walls, woodwork and furniture. Clean carpets, carpeting and rugs with brooms, brushes, sweepers and vacuum cleaners. Polish and wax office furniture, floors, linoleum and woodwork. Wash and polish windows where use of safety belts is not necessary. Clean drinking fountains and lavatories. Replenish supplies such as soap, towels, drinking cups and disinfectants and sanitary napkins. Replenish supplies and collect from restroom vending machines.

Maintain good housekeeping in office, factory and ground areas.

Move furniture and other equipment incidental to the work described herein.

STOCK CLERK 3583

**NORTH AMERICAN ROCKWELL CORPORATION**

Job Code: 3583

**JOB DESCRIPTION**

MATERIAL STOCK WORK

OCCUPATIONAL SUMMARY

Perform the manual and clerical tasks involved in receiving, storing, coding, stocking, disbursing and shipping materials, supplies and equipment.

MATERIAL STOCK CLERK-SENIOR

QUALIFYING REQUIREMENTS

Be in charge of an assigned material stockroom or stock area being responsible for the overall performance of all manual and clerical duties and functions therein. Instruct Material Stock Clerks in the performance of their duties.

Receive incoming materials, supplies and equipment and check against invoices, disburse outgoing material and check against shipping lists, requisitions or shop orders. Be responsible for inventories, reporting and tracing shortages and lost parts, maintaining records, preparing shipping papers, identifying and storing stock and reporting when stock is below minimum requirements or at order point.

Requisition standard parts and materials for stockroom which are covered by blanket purchase agreements such as hydrogen, acetylene, acids, polishes and wax. Receive, check and disburse such items as new tools, medical supplies and recreation equipment for cash or charge payroll deduction.

Plan and direct loading of freight cars and trucks to consolidate shipments where possible.

STOCK CLERK 7653

~~XXXXXXXXXXXXXXXXXXXX~~  
BOEING /UAW

HOURLY  
JOB DESCRIPTION

Job Code: 7653  
Labor Grade: 6  
MAX

STOCK CLERK

OCCUPATIONAL SUMMARY

Perform clerical and manual duties involved in receiving, issuing and storing details, assemblies, materials, supplies and equipment.

QUALIFYING REQUIREMENTS

Be in charge of an assigned production control, warehousing or shipping stockroom, receiving dock area, stock area or fuel storage area and be responsible for the satisfactory performance of manual and clerical duties and functions therein. Receive, store and disburse details, components, assemblies, materials, supplies and equipment in accordance with established procedures. Complete necessary clerical work in connection with receiving or issuing. Maintain inventory control and report and trace shortages and lost items. Assemble kits from stocked parts and prepare kit shortage lists.

Install new procedures and be responsible for guiding and instructing lower-rated employees in any required function within an assigned area.

Devise and utilize proper methods of storing various types of stock to minimize loss through damage or leakage, prevent possible injury to employees and assure economical utilization of storage facilities.

Coordinate stockroom, receiving dock or pump station functions with other personnel as required. Report malfunction of equipment and carry out necessary emergency measures. Sort, load and dispatch detail parts and assemblies to next destination.