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ATTACHMENT J-0200000-01  
DEFINITIONS AND ACRONYMS

<b>Definition</b>	<b>Description</b>
Competent Person	A person who has the professional experience and training necessary to identify existing and predictable hazards at a work or service environment, and who has the authority to take prompt and corrective action to eliminate or remove dangers from the environment.
Confined Work Space	A space that is large enough and so configured that a person may bodily enter a space (such as in tanks, vessels, silos, storage bins, hoppers, vaults, pits, and like spaces where there is limited means of entry) and is hindered or restricted from escaping during an emergency.
Contracting Officer (KO)	That individual with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.
Contractor	That entity or its representative responsible for the delivery of the services or materials specified in this contract, as designated by contract award. The term Contractor as used herein refers to both the prime Contractor and any subcontractors. The prime Contractor shall insure that subcontractors comply with the provision of this contract.
Contractor Representative	That individual appointed by the Contractor, either orally or in writing, who has been assigned responsibility for executing the requirements of this contract.
Direct Material Costs	The actual vendor invoice charges for materials used for performance of work under this contract. Direct material costs shall include transportation charges when such charges are included on the invoice by the vendor, as well as any discounts allowed for prompt payment and discounts or rebates for core value or salvage value that accrue to the Contractor. When questions arise concerning the cost of materials, material costs will be based on the lowest of quotes provided by the Contractor from at least three different commercial vendors for the direct material cost. The Government retains the right to obtain additional quotes in questionable situations. The lowest price will be used.
Equipment	Tangible asset that is functionally complete for its intended purpose, durable, and non-expendable.
Facility	A building or structure designed and created to serve a particular function.
Frequency Of Service	As needed IDIQ (Indefinite Delivery Indefinite Quantity)
Government Furnished Property (GFP)	Property in the possession of, or directly acquired by, the Government and subsequently furnished to the contractor for performance of a contract. Government furnished property includes, but is not limited to, spares and property furnished for repairs, maintenance, overhaul, or modification. Government furnished property also includes contractor acquired property if the contractor acquired property is a deliverable under a cost contract when accepted by the Government for continued use under the contract.
Inspection	A rigorous, detailed assessment of the condition of a facility performed to generate a fundable scope and cost estimate for prioritization and funding of maintenance and repair.
Job or Work Order	An authorization for work that requires planning and estimating and has an individual line of accounting for financial and performance evaluation.
Maintenance And Repair	The preservation or restoration of a piece of equipment, system, or facility to such condition that it may be effectively used for its designated purposes. Maintenance/repair may be adjustment, overhaul, reprocessing, or replacement of constituent parts or materials that are missing or have deteriorated by action of the elements or usage, or replacement of the entire unit or system if beyond economical repair.
Monthly On-Site Labor Report	A compilation of all Contractor and subcontractor employee-hours involved in delivering contract services on a Government property.

Operation And Maintenance And Support Information (OMSI)	Insert OMSI is a set of consultant-prepared data manuals that contain detailed, as-built technical information that describes the efficient, economical and safe operation, maintenance and repair of a facility, plant, equipment or system throughout its life cycle. Generally prepared following completion of new construction facility or major facility upgrade. OMSI's typically include staffing and budgeting information, supply support including critical spare parts, operating procedures, troubleshooting and diagnostic guides, extended warranty data, maintenance task frequencies and documentation, technical data, repair procedures and manufacturer's product data.
Performance Assessment	A method used by the Government to provide some measure of control over the quality of purchased goods and services received.
Performance Assessment Representative (PAR)	That individual designated by the KO to be responsible for the monitoring of Contractor performance.
Pre-Expended Bin Materials And Supplies	The minor materials and supplies that are incidental to the job, for which the total direct cost of any one material line item shown on the material estimate is \$10.00 or less. Examples of pre-expended bin materials and supplies include, but are not limited to, solder, lead, flux, electrical connectors, electrical tape, fuses, nails, screws, bolts, nuts, washers, spacers, masking tape, sand paper, solvent, cleaners, lubricants, grease, oil, rags, mops, glue, epoxy, spackling compound, joint tape, plumbers tape and compound, clips, welding rods, and touch up paint.
Property Administrator	An authorized representative of the Contracting Officer who is responsible for administering contract property requirements, terms and conditions of the contract
Property Management Program	A Government program established for the purpose of reviewing and approving the Contractor's Property Management Plan and System through performance of a system analysis whenever government property is in the possession of the Contractor.
Quality Assurance (QA)	The planned and systematic activities implemented in a quality system so that quality requirements for a product or service will be fulfilled.
Quality Control (QC)	A method used by the Contractor to control the quality of goods and services produced.
R. S. Means	A data collection and organization system developed by R. S. Means Company which can be used to prepare accurate, dependable construction estimates and budgets in a variety of ways. The Contractor shall use the latest edition. Material prices are based on a national average and computed labor costs are based on a 30-city national average. An estimate prepared using this data is called a "Means estimate"; data may simply be referred to as "Means".
Response Time	The time allowed the Contractor after initial notification of a work requirement to be physically on the premises at the work site with appropriate personnel, tools, equipment, and materials, ready to perform the work required.
Unit Priced Labor (UPL) Hour	The unit price bid by the Contractor to perform one hour of work-in-place. With the exception of direct material and construction equipment costs, the unit price includes all indirect and direct costs associated with performing work. The price includes the Contractor's hourly composite trade wage, adjusted to allow for workforce productivity; costs for pre-expended bin materials, union agreements, crew sizes, hand tools, payroll burdens and fringes, overtime, job (field) overhead (including clerical support, supervision, inspection, fees, taxes, licenses, permits, and insurance), general and administrative (home office) overhead, and profit. Additionally, time for job preparation, safety standby personnel, and similar indirect labor elements are included.

<b>Acronym</b>	<b>Title</b>
ACO	Administrative Contracting Officer
BW	Biweekly
CDR	Contract Discrepancy Report
CIA	Controlled Industrial Area
CMMS	Computerized Maintenance Management System
COR	Condition of Readiness
COR	Contracting Officer Representative
DBH	Diameter at Breast Height
DoD	Department of Defense
DoN	Department of Navy
DRMO	Defense Reutilization Management Office
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FAR	Federal Acquisition Regulation
FFP	Firm Fixed Price
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FSC	Facility Support Contract
GFE	Government-furnished Equipment
GFF	Government-furnished Facilities
GFM	Government-furnished Materials
GPWS	Guide Performance Work Statements
HCA	Head Contracting Agency
HERO-EMCOM	Hazard Electromagnetic Radiation to Ordnance Emission Control
ICP	Integrated Contingency Plan
IDIQ	Indefinite Delivery Indefinite Quantity
IPM	Integrated Pest Management
IPMIS	Integrated Pest Management Information System
IPMP	Integrated Pest Management Plan
KO	Contracting Officer
LAN	Local Area Network
M	Monthly
MSDS	Material Safety Data Sheets
NAVFAC	Naval Facilities Engineering Command
NMCI	Navy Marine Corps Intranet
NOSC	Navy-On-Scene Coordinator
PAP	Performance Assessment Plan
OET	Overhead Electric Traveling
PAR	Performance Assessment Representative
PAW	Performance Assessment Worksheet
PEO	Program Executive Officer
PM	Project Manager
PRCSP	Permit Required Confined Space Program
PWS	Performance Work Statement
Q	Quarterly
QC	Quality Control
SC	Security Clearances
SM	Semimonthly
SPAR	Senior Performance Assessment Representative
TE	Technical Exhibit
VIQ	Variation in Quantity
WBS	Work Breakdown Structure
WHE	Weight Handling Equipment

**ATTACHMENT J-0200000-02**  
**WAGE DETERMINATIONS**

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 REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT  
 By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR  
 EMPLOYMENT STANDARDS ADMINISTRATION  
 WAGE AND HOUR DIVISION  
 WASHINGTON D.C. 20210

Diane C. Koplewski                      Division of  
 Director                                      Wage Determinations

Wage Determination No.: 2005-2467  
 Revision No.: 14  
 Date Of Revision: 07/25/2014

This wage determination applies to the entire state of RHODE ISLAND Excluding the cities and towns in PROVIDENCE county listed below:

PROVIDENCE County: Burrillville, Central Falls, Cumberland, Lincoln, North Smithfield, Pawtucket, Smithfield, and Woonsocket

**Fringe Benefits Required Follow the Occupational Listing**		
OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		14.29
01012 - Accounting Clerk II		15.90
01013 - Accounting Clerk III		17.78
01020 - Administrative Assistant		21.42
01040 - Court Reporter		17.78
01051 - Data Entry Operator I		13.25
01052 - Data Entry Operator II		14.29
01060 - Dispatcher, Motor Vehicle		17.78
01070 - Document Preparation Clerk		14.28
01090 - Duplicating Machine Operator		14.28
01111 - General Clerk I		12.91
01112 - General Clerk II		14.08
01113 - General Clerk III		15.81
01120 - Housing Referral Assistant		20.18
01141 - Messenger Courier		13.97
01191 - Order Clerk I		13.09
01192 - Order Clerk II		14.70
01261 - Personnel Assistant (Employment) I		15.89
01262 - Personnel Assistant (Employment) II		17.78
01263 - Personnel Assistant (Employment) III		19.83
01270 - Production Control Clerk		19.90
01280 - Receptionist		14.29
01290 - Rental Clerk		12.87
01300 - Scheduler, Maintenance		16.18
01311 - Secretary I		17.57
01312 - Secretary II		19.65
01313 - Secretary III		21.91
01320 - Service Order Dispatcher		16.21
01410 - Supply Technician		21.42
01420 - Survey Worker		16.83
01531 - Travel Clerk I		12.63
01532 - Travel Clerk II		13.40
01533 - Travel Clerk III		14.05
01611 - Word Processor I		14.29
01612 - Word Processor II		15.89
01613 - Word Processor III		17.78
05000 - Automotive Service Occupations		
05005 - Automobile Body Repairer, Fiberglass		18.87
05010 - Automotive Electrician		17.44
05040 - Automotive Glass Installer		16.71
05070 - Automotive Worker		16.71
05110 - Mobile Equipment Servicer		15.44

05130	- Motor Equipment Metal Mechanic	18.17
05160	- Motor Equipment Metal Worker	16.71
05190	- Motor Vehicle Mechanic	18.17
05220	- Motor Vehicle Mechanic Helper	14.53
05250	- Motor Vehicle Upholstery Worker	15.98
05280	- Motor Vehicle Wrecker	16.71
05310	- Painter, Automotive	18.06
05340	- Radiator Repair Specialist	16.71
05370	- Tire Repairer	14.71
05400	- Transmission Repair Specialist	18.16
07000	- Food Preparation And Service Occupations	
07010	- Baker	13.77
07041	- Cook I	14.04
07042	- Cook II	15.33
07070	- Dishwasher	9.25
07130	- Food Service Worker	10.28
07210	- Meat Cutter	17.38
07260	- Waiter/Waitress	9.65
09000	- Furniture Maintenance And Repair Occupations	
09010	- Electrostatic Spray Painter	18.10
09040	- Furniture Handler	13.57
09080	- Furniture Refinisher	18.10
09090	- Furniture Refinisher Helper	15.07
09110	- Furniture Repairer, Minor	16.58
09130	- Upholsterer	17.30
11000	- General Services And Support Occupations	
11030	- Cleaner, Vehicles	12.02
11060	- Elevator Operator	12.50
11090	- Gardener	14.98
11122	- Housekeeping Aide	13.22
11150	- Janitor	13.22
11210	- Laborer, Grounds Maintenance	13.35
11240	- Maid or Houseman	12.25
11260	- Pruner	12.40
11270	- Tractor Operator	14.93
11330	- Trail Maintenance Worker	13.35
11360	- Window Cleaner	14.06
12000	- Health Occupations	
12010	- Ambulance Driver	17.02
12011	- Breath Alcohol Technician	21.55
12012	- Certified Occupational Therapist Assistant	22.10
12015	- Certified Physical Therapist Assistant	22.89
12020	- Dental Assistant	16.70
12025	- Dental Hygienist	32.76
12030	- EKG Technician	25.96
12035	- Electroneurodiagnostic Technologist	25.96
12040	- Emergency Medical Technician	17.02
12071	- Licensed Practical Nurse I	20.03
12072	- Licensed Practical Nurse II	21.55
12073	- Licensed Practical Nurse III	25.00
12100	- Medical Assistant	14.57
12130	- Medical Laboratory Technician	21.91
12160	- Medical Record Clerk	15.63
12190	- Medical Record Technician	17.48
12195	- Medical Transcriptionist	17.27
12210	- Nuclear Medicine Technologist	36.47
12221	- Nursing Assistant I	11.26
12222	- Nursing Assistant II	12.65
12223	- Nursing Assistant III	13.81
12224	- Nursing Assistant IV	15.50
12235	- Optical Dispenser	21.00
12236	- Optical Technician	17.96
12250	- Pharmacy Technician	14.52
12280	- Phlebotomist	15.50
12305	- Radiologic Technologist	29.51
12311	- Registered Nurse I	25.17
12312	- Registered Nurse II	30.79
12313	- Registered Nurse II, Specialist	30.79
12314	- Registered Nurse III	37.25
12315	- Registered Nurse III, Anesthetist	37.25
12316	- Registered Nurse IV	44.64
12317	- Scheduler (Drug and Alcohol Testing)	21.09

13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	21.26
13012 - Exhibits Specialist II	26.35
13013 - Exhibits Specialist III	32.23
13041 - Illustrator I	17.77
13042 - Illustrator II	24.89
13043 - Illustrator III	27.69
13047 - Librarian	27.56
13050 - Library Aide/Clerk	11.84
13054 - Library Information Technology Systems Administrator	24.88
13058 - Library Technician	15.85
13061 - Media Specialist I	17.95
13062 - Media Specialist II	20.00
13063 - Media Specialist III	22.40
13071 - Photographer I	17.00
13072 - Photographer II	19.06
13073 - Photographer III	25.15
13074 - Photographer IV	28.80
13075 - Photographer V	34.51
13110 - Video Teleconference Technician	18.79
14000 - Information Technology Occupations	
14041 - Computer Operator I	15.87
14042 - Computer Operator II	17.76
14043 - Computer Operator III	19.80
14044 - Computer Operator IV	22.01
14045 - Computer Operator V	24.36
14071 - Computer Programmer I	25.43
14072 - Computer Programmer II	
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	(see 1)
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	15.87
14160 - Personal Computer Support Technician	22.01
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	28.56
15020 - Aircrew Training Devices Instructor (Rated)	34.55
15030 - Air Crew Training Devices Instructor (Pilot)	41.42
15050 - Computer Based Training Specialist / Instructor	28.56
15060 - Educational Technologist	28.32
15070 - Flight Instructor (Pilot)	41.42
15080 - Graphic Artist	33.41
15090 - Technical Instructor	22.50
15095 - Technical Instructor/Course Developer	26.03
15110 - Test Proctor	18.15
15120 - Tutor	18.15
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	9.91
16030 - Counter Attendant	9.91
16040 - Dry Cleaner	12.63
16070 - Finisher, Flatwork, Machine	9.91
16090 - Presser, Hand	9.91
16110 - Presser, Machine, Drycleaning	9.91
16130 - Presser, Machine, Shirts	9.91
16160 - Presser, Machine, Wearing Apparel, Laundry	9.91
16190 - Sewing Machine Operator	13.31
16220 - Tailor	13.84
16250 - Washer, Machine	10.92
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	19.10
19040 - Tool And Die Maker	22.18
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	15.30
21030 - Material Coordinator	20.58
21040 - Material Expediter	20.58
21050 - Material Handling Laborer	13.76
21071 - Order Filler	11.34
21080 - Production Line Worker (Food Processing)	15.30
21110 - Shipping Packer	14.06
21130 - Shipping/Receiving Clerk	14.06

21140	- Store Worker I	12.17
21150	- Stock Clerk	15.88
21210	- Tools And Parts Attendant	15.30
21410	- Warehouse Specialist	15.30
23000	- Mechanics And Maintenance And Repair Occupations	
23010	- Aerospace Structural Welder	23.70
23021	- Aircraft Mechanic I	22.58
23022	- Aircraft Mechanic II	23.70
23023	- Aircraft Mechanic III	24.89
23040	- Aircraft Mechanic Helper	18.06
23050	- Aircraft, Painter	20.81
23060	- Aircraft Servicer	18.88
23080	- Aircraft Worker	19.86
23110	- Appliance Mechanic	21.48
23120	- Bicycle Repairer	14.56
23125	- Cable Splicer	27.04
23130	- Carpenter, Maintenance	22.85
23140	- Carpet Layer	19.93
23160	- Electrician, Maintenance	25.28
23181	- Electronics Technician Maintenance I	24.20
23182	- Electronics Technician Maintenance II	25.46
23183	- Electronics Technician Maintenance III	26.50
23260	- Fabric Worker	17.25
23290	- Fire Alarm System Mechanic	20.84
23310	- Fire Extinguisher Repairer	19.39
23311	- Fuel Distribution System Mechanic	23.40
23312	- Fuel Distribution System Operator	19.80
23370	- General Maintenance Worker	17.93
23380	- Ground Support Equipment Mechanic	22.58
23381	- Ground Support Equipment Servicer	18.88
23382	- Ground Support Equipment Worker	19.86
23391	- Gunsmith I	19.39
23392	- Gunsmith II	21.13
23393	- Gunsmith III	22.92
23410	- Heating, Ventilation And Air-Conditioning Mechanic	22.02
23411	- Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	22.86
23430	- Heavy Equipment Mechanic	21.73
23440	- Heavy Equipment Operator	28.39
23460	- Instrument Mechanic	22.92
23465	- Laboratory/Shelter Mechanic	22.02
23470	- Laborer	13.55
23510	- Locksmith	19.69
23530	- Machinery Maintenance Mechanic	20.23
23550	- Machinist, Maintenance	19.38
23580	- Maintenance Trades Helper	16.23
23591	- Metrology Technician I	22.92
23592	- Metrology Technician II	23.78
23593	- Metrology Technician III	24.70
23640	- Millwright	24.85
23710	- Office Appliance Repairer	19.04
23760	- Painter, Maintenance	18.20
23790	- Pipefitter, Maintenance	26.04
23810	- Plumber, Maintenance	25.67
23820	- Pneudraulic Systems Mechanic	22.92
23850	- Rigger	22.92
23870	- Scale Mechanic	21.13
23890	- Sheet-Metal Worker, Maintenance	21.63
23910	- Small Engine Mechanic	19.07
23931	- Telecommunications Mechanic I	26.10
23932	- Telecommunications Mechanic II	27.09
23950	- Telephone Lineman	26.26
23960	- Welder, Combination, Maintenance	20.32
23965	- Well Driller	22.78
23970	- Woodcraft Worker	23.87
23980	- Woodworker	16.02
24000	- Personal Needs Occupations	
24570	- Child Care Attendant	10.76
24580	- Child Care Center Clerk	13.00
24610	- Chore Aide	10.79
24620	- Family Readiness And Support Services	13.52

Coordinator	
24630 - Homemaker	16.61
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	25.12
25040 - Sewage Plant Operator	20.36
25070 - Stationary Engineer	25.12
25190 - Ventilation Equipment Tender	18.78
25210 - Water Treatment Plant Operator	20.36
27000 - Protective Service Occupations	
27004 - Alarm Monitor	17.79
27007 - Baggage Inspector	12.39
27008 - Corrections Officer	22.86
27010 - Court Security Officer	23.19
27030 - Detection Dog Handler	16.33
27040 - Detention Officer	22.30
27070 - Firefighter	23.24
27101 - Guard I	12.39
27102 - Guard II	16.33
27131 - Police Officer I	24.77
27132 - Police Officer II	27.52
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	12.25
28042 - Carnival Equipment Repairer	12.87
28043 - Carnival Equipment Worker	10.31
28210 - Gate Attendant/Gate Tender	13.49
28310 - Lifeguard	11.90
28350 - Park Attendant (Aide)	15.09
28510 - Recreation Aide/Health Facility Attendant	11.02
28515 - Recreation Specialist	16.81
28630 - Sports Official	12.03
28690 - Swimming Pool Operator	19.38
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	24.94
29020 - Hatch Tender	24.94
29030 - Line Handler	24.94
29041 - Stevedore I	22.34
29042 - Stevedore II	26.63
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	35.77
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	24.66
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	27.16
30021 - Archeological Technician I	18.21
30022 - Archeological Technician II	20.03
30023 - Archeological Technician III	25.07
30030 - Cartographic Technician	25.14
30040 - Civil Engineering Technician	23.95
30061 - Drafter/CAD Operator I	20.28
30062 - Drafter/CAD Operator II	20.29
30063 - Drafter/CAD Operator III	22.63
30064 - Drafter/CAD Operator IV	27.75
30081 - Engineering Technician I	16.82
30082 - Engineering Technician II	18.88
30083 - Engineering Technician III	21.20
30084 - Engineering Technician IV	26.17
30085 - Engineering Technician V	32.01
30086 - Engineering Technician VI	38.73
30090 - Environmental Technician	20.09
30210 - Laboratory Technician	24.71
30240 - Mathematical Technician	25.14
30361 - Paralegal/Legal Assistant I	18.10
30362 - Paralegal/Legal Assistant II	22.43
30363 - Paralegal/Legal Assistant III	27.44
30364 - Paralegal/Legal Assistant IV	33.19
30390 - Photo-Optics Technician	25.14
30461 - Technical Writer I	23.77
30462 - Technical Writer II	29.08
30463 - Technical Writer III	35.18
30491 - Unexploded Ordnance (UXO) Technician I	22.74
30492 - Unexploded Ordnance (UXO) Technician II	27.51
30493 - Unexploded Ordnance (UXO) Technician III	32.97
30494 - Unexploded (UXO) Safety Escort	22.74
30495 - Unexploded (UXO) Sweep Personnel	22.74

30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2)	22.63
30621 - Weather Observer, Senior	(see 2)	25.07
31000 - Transportation/Mobile Equipment Operation Occupations		
31020 - Bus Aide		13.60
31030 - Bus Driver		15.86
31043 - Driver Courier		14.19
31260 - Parking and Lot Attendant		13.21
31290 - Shuttle Bus Driver		14.92
31310 - Taxi Driver		11.82
31361 - Truckdriver, Light		14.91
31362 - Truckdriver, Medium		16.79
31363 - Truckdriver, Heavy		19.61
31364 - Truckdriver, Tractor-Trailer		19.82
99000 - Miscellaneous Occupations		
99030 - Cashier		9.60
99050 - Desk Clerk		10.58
99095 - Embalmer		28.29
99251 - Laboratory Animal Caretaker I		11.98
99252 - Laboratory Animal Caretaker II		12.59
99310 - Mortician		28.29
99410 - Pest Controller		14.76
99510 - Photofinishing Worker		11.06
99710 - Recycling Laborer		16.61
99711 - Recycling Specialist		20.22
99730 - Refuse Collector		16.86
99810 - Sales Clerk		12.20
99820 - School Crossing Guard		14.35
99830 - Survey Party Chief		18.04
99831 - Surveying Aide		14.11
99832 - Surveying Technician		17.40
99840 - Vending Machine Attendant		12.58
99841 - Vending Machine Repairer		14.42
99842 - Vending Machine Repairer Helper		12.58

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ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.02 per hour or \$160.80 per week or \$696.79 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years, and 4 after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For

example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**\*\* UNIFORM ALLOWANCE \*\***

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear"

materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C) (vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

ATTACHMENT J-0200000-03  
REFERENCES, INSTRUCTIONS, DIRECTIVES

<u>Reference</u>	<u>Title</u>
EM 385-1-1	U.S. Army Corps of Engineers Safety and Health Requirements
P.L. 91-596	Occupational Safety and Health Act
NAVFAC P-307	Management of Weight Handling Equipment
(reference b) NAVSEA OP 3565 Volume 3 Revision One	Electromagnetic Radiation Hazards (U) (Hazards to Ordnance) (U)l
ANSI A10.32	Personal Fall Protection for use in Construction and Demolition Operations
ANSI Z359.1	Safety Requirements Personal Fall Arrest Systems, Subsystems and Components
ANSI/ASSE A10.34	Protection of the Public on or Adjacent to Construction Sites
ANSI/ISEA 107-2010	High Visibility Garment Standard
ASME B 30.5	Mobile Crane Standards
ASME B 30.8	Floating Cranes and Floating Derricks
ASME B30.22	Articulating Boom Cranes
ASME B30.3	Construction Tower Cranes
29 CFR 1904	Recording and Reporting Occupational Injuries and Illness
29 CFR 1910	Occupational Safety and Health Standards
29 CFR 1910.1025	Toxic and Hazardous substances - Lead
29 CFR 1910.120	Hazardous Materials - Hazardous waste operations and emergency response
29 CFR 1910.134	Personal Protective Equipment-Respiratory protection.
29 CFR 1915	Occupational Safety and Health Standards for Shipyard Employment
29 CFR 1926	Safety and Health Regulations for Construction
29 CFR 1926.59	Occupational Health and Environmental Controls - Hazard communication
29 CFR 1926.62	Occupational Health and Environmental Controls - Lead
40 CFR 247	Comprehensive Procurement Guideline for Products Containing Recovered Materials
40 CFR 82	Protection of Stratospheric Ozone
DFARS 252.223-7004	Drug Free Work Force
EM 385-1-1	U.S. Army Corps of Engineers Safety and Health Requirements
EP 1110-1-8	US Army Corps of Engineers Construction Equipment Ownership and Operating Expense Schedule
E.O. 13423	Executive Order Strengthening Federal Environmental, Energy, and Transportation Management
E.O. 13514	Federal Leadership in Environmental, Energy, and Economic Performance
FAR 52.223-2	Affirmative Procurement of Bio-based Products under Service and Construction Contracts

FAR 52.223-3	Hazardous Material Identification and Material Safety Data Sheet
FAR 52.232-36	Payment by Third Party
FAR 52.245	Government Property
NAVFAC 5252.245-9300	Government Furnished Property, Materials and Services
NFPA 10	Standard for Portable Fire Extinguishers
NFPA 241	Standard for Safeguarding Construction, Alteration, and Demolition Operations
NFPA 51B	Standard for Fire Prevention During Welding, Cutting and other Hot Work
NFPA 70	National Electric Code
NFPA 70E	Standard for Electrical Safety in the Workplace
P.L. 91-596	Occupational Safety and Health Act

ATTACHMENT J-0200000-03  
REFERENCES, INSTRUCTIONS, DIRECTIVES

**HERO EMCON PROCEDURES**

**HERO CONDITION 0**

HERO EMCON is not required; all transmitters [as listed in enclosure (6)] may be operated. Observe the general HERO requirements outlined in Chapter 5 of reference (b).

**HERO CONDITION 1**

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 1.

- Silence the AN/URC-88 transmitter connected to the OE-207/BRC multifunction submarine mast atop Building 1258.
- Silence the AN/PRC-150 transmitter connected to either the OE-572/BRC or the OE-538/BRC multifunction submarine masts atop Building 1258.
- Silence the AN/URT-23C transmitter connected to the 35-foot whip atop Building 1259.
- Observe the HERO UNSAFE/UNRELIABLE ORDNANCE separation distances listed in enclosure (6) or Chapter 2 of reference (b) for all mobile and portable transmitters.
- For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the separation distances cited in enclosure (6) or Chapter 2 of reference (b) for that specific mobile or portable unit.

ATTACHMENT J-0200000-03  
REFERENCES, INSTRUCTIONS, DIRECTIVES

**HERO CONDITION 2**

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 2.

- Silence the AN/URC-88 transmitter connected to the OE-207/BRC multifunction submarine mast atop Building 1258.
  
- Silence the AN/PRC-150 transmitter connected to either the OE-572/BRC or the OE-538/BRC multifunction submarine masts atop Building 1258.
  
- Silence the AN/URT-23C transmitter connected to the 35-foot whip atop Building 1259.
  
- Silence the AN/URT-23D transmitter connected to the AT-441 whip antenna, the Harris whip antenna, or the AN/BRA-34 multifunction submarine mast atop Building 1319.
  
- When HERO UNSAFE/UNRELIABLE ORDNANCE is exposed within Building 115, limit transmitter output power to 100 watts for the AN/URT-23D transmitter connected to either the AT-441 whip antenna, the Harris whip antenna, or the AN/BRA-34 multifunction submarine mast atop Building 1319.
  
- Silence the AN/PRC-150 transmitter connected to the AT-441 whip antenna, the OE-538/BRC multifunction submarine mast, or the AN/BRA-34 multifunction submarine mast atop Building 1319.
  
- Silence the CUBIC transmitter connected to the 35-foot whip antenna atop Building 1319.
  
- Observe the HERO UNSAFE/UNRELIABLE ORDNANCE separation distances listed in enclosure (6) or Chapter 2 of reference (b) for all mobile and portable transmitters.
  
- For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the separation distances cited in enclosure (6) or Chapter 2 of reference (b) for that specific mobile or portable unit.

ATTACHMENT J-0200000-03  
REFERENCES, INSTRUCTIONS, DIRECTIVES

**HERO CONDITION 3**

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 3.

- Silence the AN/URT-23D transmitter connected to the AT-441 whip antenna, the Harris whip antenna, or the AN/BRA-34 multifunction submarine mast atop Building 1319.
- Silence the CUBIC transmitter connected to a 35-foot whip antenna atop Building 1319.
- Silence all shipboard transmitters except satellite communications (SATCOM) transmitters or transmitters operating into dummy loads.
- Observe the HERO UNSAFE/UNRELIABLE ORDNANCE separation distances listed in enclosure (6) or Chapter 2 of reference (b) for all mobile and portable transmitters.
- For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the separation distances cited in enclosure (6) or Chapter 2 of reference (b) for that specific mobile or portable unit

ATTACHMENT J-0200000-03  
REFERENCES, INSTRUCTIONS, DIRECTIVES  
**HERO CONDITION 4**

This condition applies to HERO UNSAFE/UNRELIABLE ORDNANCE in HERO zone 4.

- Silence all shipboard transmitters except SATCOM transmitters or transmitters operating into dummy loads.
- Observe the HERO UNSAFE/UNRELIABLE ORDNANCE separation distances listed in enclosure (6) or Chapter 2 of reference (b) for all mobile and portable transmitters.
- For an ordnance accident, emergency response units such as the Fire Department, Weapons Department, and Security responding to the scene with radio equipment must maintain a minimum separation distance of 150 feet from the accident site if using 3 VHF (132-174 MHz) mobile radios; similarly, a minimum separation distance of 50 feet must be maintained when using 3 VHF portable radios. Silence all other radios at the scene; for single radio use, apply the separation distances cited in enclosure (6) or Chapter 2 of reference (b) for that specific mobile or portable unit.

**HERO CONDITION 5**

This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 1.

- Limit the AN/URT-23C transmitter connected to the 35-foot whip atop Building 1259 to a maximum output power of 500 watts.
- • Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (6) or Chapter 2 of reference (b) for all mobile and portable transmitters.

**HERO CONDITION 6**

- This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zone 2.
- Limit the AN/URT-23C transmitter connected to the 35-foot whip antenna atop Building 1259 to a maximum output power of 500 watts.
- Silence the CUBIC transmitter connected to the 35-foot whip antenna atop Building 1319.
- • Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (6) or Chapter 2 of reference (b) for all mobile and portable transmitters.

ATTACHMENT J-0200000-03  
REFERENCES, INSTRUCTIONS, DIRECTIVES

**HERO CONDITION 7**

- HERO EMCON PROCEDURES: This condition applies to HERO SUSCEPTIBLE ORDNANCE in HERO zones 3 and 4.
- Silence all shipboard transmitters except SATCOM transmitters or transmitters operating into dummy loads.
- Observe the HERO SUSCEPTIBLE ORDNANCE separation distances listed in enclosure (6) or Chapter 2 of reference (b) for all mobile and portable transmitters.

ATTACHMENT J-0200000-04  
INVOICING PROCEDURES

## VENDOR LETTER

The Department of Defense (DOD) now requires all contractors doing business with DOD to submit their invoices electronically via a web-based system. The Under Secretary of Defense identified Wide Area Workflow (WAWF) as the system for implementing this statutory requirement.

WAWF is a secure, web-based system, which benefits your firm by allowing you to submit invoices electronically, track receipt/acceptance documents and payment of your invoice online. By using this web-based system, you should experience the benefits mentioned but best of all, the use of electronic submission could get your company paid on time.

NAVFAC will be implementing the use of WAWF in FY2009 and we are in the process of reviewing all current contracts to identify those that are eligible for WAWF. If your contract is eligible, the respective contracting officer will notify you.

In preparation of this initiative, we highly encourage you to visit and review the following websites for WAWF Vendor resources.

Vendor Getting Started Guide –

<http://www.dfas.mil/contractorpay/electroniccommerce/wawfvendortools/WAWFVendorGettingStartedGuide.pdf>

Introductory Movie –

<http://www.dfas.mil/contractorpay/electroniccommerce/ECToolBox/WAWKFI.wmv>

Web-based training – <http://www.wawftraining.com>

WAWF practice site – <https://wawftraining.eb.mil/> (at this web page, click on “Training Instructions” found on the left side for further instructions on using this site)

Request for classroom training –

<http://www.dfas.mil/contractorpay/electroniccommerce/wawftrain.html>

WAWF Vendor Tools –

<http://www.dfas.mil/contractorpay/electroniccommerce/wawfvendortools.html>

ATTACHMENT J-0200000-05  
FORMS

WEIGHT HANDLING EQUIPMENT ACCIDENT REPORT				REPORT DATE:	19 March 99
From: ROICC Norfolk Naval Shipyard Building 491 Portsmouth, Virginia 23709		To: Navy Crane Center, NORTHAVYCRANCON 10 Industrial Hwy, NS #02 Leaher, Pa 19113-2090 FAX (610) 595-0748			
Activity:				Report No.:	
Crane No:	Cat.	Accident Date:		Time:	
RPS <input type="checkbox"/>	SPS <input type="checkbox"/>	GPS <input type="checkbox"/>	Crane Type: Hydraulic, Truck Crane		Crane Manufacturer:
Location:				Weather: Clear	
Crane Cap.:		Hook Cap.:		Weight of Load on Hook:	
NAVSAPCCEN Reportable: Yes <input type="checkbox"/> No <input type="checkbox"/>					
Accident Type: <input type="checkbox"/> Personnel Injury <input type="checkbox"/> Overload <input type="checkbox"/> Derail <input type="checkbox"/> Damaged					
Rig. Gear <input type="checkbox"/> Load Collision <input type="checkbox"/> Two Blocked <input type="checkbox"/> Dropped Load <input type="checkbox"/> Damaged					
Crane <input type="checkbox"/> Crane Collision <input type="checkbox"/> Damaged Load <input type="checkbox"/> Other: Failure to control load.					
Cause: <input type="checkbox"/> Improper Operation <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Inadequate Visibility					
<input type="checkbox"/> Improper Rigging <input type="checkbox"/> Switch Alignment <input type="checkbox"/> Inadequate Communication					
<input type="checkbox"/> Track Condition <input type="checkbox"/> Procedural Failure <input type="checkbox"/> Other:					
Chargeable to: <input type="checkbox"/> Track Walker <input type="checkbox"/> Rigger <input type="checkbox"/> Operator					
<input type="checkbox"/> Maintenance <input type="checkbox"/> Management/Supervision <input type="checkbox"/> Other:					
Crane Function: <input type="checkbox"/> Travel <input type="checkbox"/> Hoist <input type="checkbox"/> Rotate <input type="checkbox"/> Boom <input type="checkbox"/> Lower <input type="checkbox"/> Telescoping					
Is this accident indicative of a recurring problem? Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes, List Accident report No.:					
SITUATION DESCRIPTION					
Concurrence:			Investigator:		
LantDiv Code CI52WG Safety		ROICC	ROICC Supervisory Construction Rep.		

- Initial Report
- Follow-up Report
- Final Report

## Contractor Significant Incident Report (CSIR)

1. General Information		
Contracting Activity/ROICC Office:		
<b>Accident Classification:</b> <input type="checkbox"/> Injury <input type="checkbox"/> Fatality <input type="checkbox"/> Environment <input type="checkbox"/> Procedural Issues <input type="checkbox"/> Lessons Learned <input type="checkbox"/> Illness <input type="checkbox"/> Property Damage <input type="checkbox"/> Other _____		
<b>Involving:</b> <input type="checkbox"/> Confined Space <input type="checkbox"/> Equip/Mrt Ver/Mat Handling (Heavy Construction Equip.) <input type="checkbox"/> Hazardous Material <input type="checkbox"/> Crane and Rigging <input type="checkbox"/> Equip/Mrt Ver/Mat Handling (Material Handling) <input type="checkbox"/> Trenching/Excavation <input type="checkbox"/> Diving <input type="checkbox"/> Equip/Mrt Ver/Mat Handling (Man-Lift/Elevated Platform) <input type="checkbox"/> Waterfront/Marine <input type="checkbox"/> Demolition/Renovation <input type="checkbox"/> Fall from Ladder <input type="checkbox"/> Fall from Scaffold <input type="checkbox"/> Other _____ <input type="checkbox"/> Electrical <input type="checkbox"/> Fall from Roof <input type="checkbox"/> Fire		
2. Personal Information		
Name (Last, First, MI):	Age:	Sex:
Job Title/Description:	Employed By:	
Supervisor Name (Last, First, MI) & Title:	Was the person trained to perform this activity/task? <input type="checkbox"/> Yes <input type="checkbox"/> No	
What type of training was received (OJT, classroom, etc)?	Date of the most recent formal training and topics discussed?	
3. Witness Information		
Witness #1: Name (Last, First, MI):	Job Title/Description:	
Employed By:	Supervisor Name (Last, First, MI):	
Witness #2: Name (Last, First, MI):	Job Title/Description:	
Employed By:	Supervisor Name (Last, First, MI):	
<b>Additional Witnesses:</b> (List any additional witnesses on a separate sheet and attach.) <input type="checkbox"/> Yes <input type="checkbox"/> No		

ATTACHMENT J-0200000-05  
FORMS

NUWC Security  
Procedures and Forms

Please go to the below link to access all data concerning “Pass and I.D.  
for the Naval Underwater Systems Center (NUWC) Complex.

[http://www.opm.gov/Forms/pdf\\_fill/sf85p.pdf](http://www.opm.gov/Forms/pdf_fill/sf85p.pdf)



ATTACHMENT J-0200000-05  
ASSET INFORMATION

Please see Attachment "J-0200000-05 - ASSET INFORMATION V1 - 2013-07-07". Confirm the most recent version of this file by checking for updates at the following NAVFAC portal page:  
[https://portal.navy.mil/portal/page/portal/pw/pw\\_it\\_info/maximo](https://portal.navy.mil/portal/page/portal/pw/pw_it_info/maximo)

ATTACHMENT J-0200000-05  
NAVFAC MAXIMO DATA REPORTING

PURPOSE AND OVERVIEW

The purpose of this attachment is to provide guidance on how data is to be provided by the Contractor and outline the options by which the Contractor can report Service Provider Information and Asset Information for NAVFAC MAXIMO. This document outlines options that may be utilized by a Contractor and associated NAVFAC business process and procedures for how data is to be submitted. The Contractor may review the existing options and choose the most suitable method considering their organizational constraints and resources. However it is mandatory that the Contractor choose and declare a method to provide all the required data to NAVFAC in a consistent, timely and accurate manner.

GENERAL TYPES OF DATA

**Work Order Data**

Work order data includes all necessary information for the documentation of all completed work orders, including, but not limited to, service orders, preventive maintenance (as performed under the PM program or as part of IMP), and work issued as IDIQ. Specific NAVFAC MAXIMO fields required for work order data are listed on the Service Provider Information spreadsheet provided in J-0200000-05.

**Asset Data**

Asset data includes the specific details necessary for proper identification and tracking of assets when updated for all completed work orders where an asset is repaired, replaced, installed, or otherwise affected. Specific NAVFAC MAXIMO fields required for asset data are listed on the Asset Information spreadsheet provided in J-0200000-05. When replacing existing assets, the Contractor shall change the status of the current asset which will remove it from the maintenance plan and add the new asset.

METHODS FOR DATA SUBMISSION

The following guidance must be updated if Section C directs a specific method be used. Data may be submitted via any method to MAXIMO, but local practices may direct one method of submission in the contract for some or all information. Example: require direct entry for service provided/work order information, but permit the use of flat files for asset information submission.

Per Section C, The Contractor may provide data using one of the two options detailed below for submission of work order and asset data.

**OPTION 1: Direct Data Entry**

In this method a Contractor directly enters data into NAVFAC MAXIMO in a secure method via the internet or using a NMCI workstation. Detailed guidance NAVFAC MAXIMO System Access Procedures is provided in J-0200000. All reference value verification is provided by NAVFAC MAXIMO.

All Contractors who obtain authorized access will be able enter data directly into the work order and asset screens within NAVFAC MAXIMO. Further details and a user guide will be provided by the Government on how to use the data entry screens.

Contractors are only allowed to view, edit, report or otherwise access data related to their work. Any unauthorized attempt to do otherwise may be grounds for removal of access privileges. Contractors will be assigned a specific work center code for their work and shall utilize this code for all such data entry and retrieval.

The Contractor will be provided local instructions, desk guides and other materials by the Government on the direct entry of work order and asset data.

**OPTION 2: NAVFAC MAXIMO Flat File Data Exchange**

The Contractor will utilize the data formats contained in the Service Provider Information provided in J-0200000-05 and Asset Information provided in J-0200000-05. The Contractor shall use their own internal systems to generate the flat file data into the format required. The Contractor is responsible for ensuring that data is correct and validated. If any data gets rejected the Contracting Officer will send the “rejected” data back to Contractor and the Contractor shall correct and resubmit the data. In all cases of data rejects the Contractor shall communicate with the Contracting Officer to rectify the data rejects.

**Flat File Data Validation and Preparation**

NAVFAC MAXIMO has several interfaces to assist in data transfer, many interfaces are used for multiple purposes to efficiently load or modify existing data in the system. Because of those multiple uses for each interface there are strict rules on how the data must be prepared for successful submission and loading.

The format required for flat files is detailed in the Service Provider Information and Asset Information spreadsheets described below:

- SERVICE PROVIDER INFORMATION – (Spreadsheet provided in J-0200000-05) –contains the format and data elements for submission of Work Order Information.
- ASSET INFORMATION – (Spreadsheet provided in J-0200000-05) – contains the format and data elements for submission of new or updated Asset Information.

Service Provider & Asset Information Spreadsheet Format

- Tab 1 – General Information - Version number, change log, etc.
- Tab 2 – Field Information – Field Name, Data Type, short description on field use and related information including Content Notes and NAVFAC MAXIMO Field Name.
- Tab 3 – Flat File Data Layout

The Contractor is required to validate their data prior to submission to minimize data rejects. To assist the contractor in data validation lists of appropriate reference values will be provided by the Government and updated as changes occur. The reference files contain the valid list of values in NAVFAC MAXIMO at a specific time. The value list will change/update because of work completed by the contractor, or new records added by the Government at other installations. Due to the frequent nature of changes in some tabs (i.e. new assets added or status being changed) this file will be directly transferred from a local PW Representative to the Contractor as changes occur or upon request. Reference value files containing information on field values consistent across NAVFAC can be found at the following NAVFAC portal page: [<>>](https://portal.navy.mil/portal/page/portal/pw/pw_it_info/maximo)

Example information tabs:

- A current list of the valid Manufacturers (Company) Name values in NAVFAC MAXIMO. When adding a new asset, the contract will select the appropriate Company value so it will permit the successful asset record insert.

Company	Description	Company Type	Organization
MCQUAY	McQuay International; HVAC equipment	M	NAVFAC

- A current list of the valid Assets for the contract. The file must be refreshed periodically to reflect assets added over the contract period. Assets must be added prior to Work Order being submitted for work on the asset or the Work Order will be rejected.

Sample Reference Value “asset”

Asset	Description	Location	Parent	Rotating	Work Center	Site
-------	-------------	----------	--------	----------	-------------	------

				Item		
WNY111-AHU-05	SPLIT SYSTEM #1A	WNY-111	WNY111-AHU-CIMU-02		WCCP22	10101

- For some fields, NAVFAC MAXIMO may have many valid values however the contractor will have one authorized value. Examples include Site ID, Work Center, and Contract Number. The reference values for these fields will be provided by the Government.

### **Delimited Flat File Submission**

In this method the Contractor will prepare data in flat files for submission. These documents have strict requirements that must be followed to permit the successful processing by the Government to import into NAVFAC MAXIMO. Flat files are text files which are pipe delimited (the '|' symbol on the keyboard) with one record per line in the file. The Contractor is responsible to verify data against the reference values to prevent record rejects for required information.

Service Provider Information Reports and Asset Information Reports submitted as delimited flat-files must be prepared as follows:

An individual flat file record is made up of over 30 individual fields, stored in a text file and delimited by the piping symbol ( '|'). Not all of the fields must have data. Fields that are not required to have data must still exist in the flat file record but are allowed to have no data present for that field. See below for illustration for fields not required. A flat file is a text file that contains one or more of these individual records.

Example of a single line from a Service Provider work order flat file:

```
04|SC|181|131: RPL FLORESCENT LIGHT COVER|ELCENT-131|ENS SUMMERS||COMP|8/31/2005
16:37:16|3|8/30/2005 0:00:00|8/30/2005 13:30:00||0.50|8.73|0|0.00|131|||8/29/2005 9:13:28|UTIL|8/30/2005
10:53:49|9/6/2005 10:55:47|8/31/2005 16:37:25|CHARLIE|
```

There are a couple things worth noting in this example. First, notice the places where two or three piping symbols appear in a row. Anytime two piping symbols are located next to each other, it means a NULL value is being submitted for that field. Three pipes in a row would signify two NULL fields.

The second item worth noting is the last field in the line. The line ends with "|CHARLIE|". This is the 26<sup>th</sup> field and represents the CHANGEBY field. Since no more data are being sent with this individual record, no other piping symbols need to be included on this row. It would have been acceptable to include extra pipes to indicate the NULL values being sent for the remainder of the fields identified on the flat file format sheet.

**OR**

### **Spreadsheet Flat File Submission**

In this method the Contractor will prepare data in flat files and submit in spreadsheet format to the Contracting Officer. These documents have strict requirements that must be followed to permit the successful processing by the Government to import into NAVFAC MAXIMO. The contractor is responsible to verify data against the reference values to prevent record rejects for required information. Spreadsheet flat files shall be submitted in a Microsoft Excel file format. Upon acceptance, the Government will extract the relevant data to complete the NAVFAC MAXIMO Flat File Data Exchange.

Service Provider Information Reports and Asset Information Reports submitted as spreadsheet flat-files must be prepared as follows:

The Contractor shall submit a complete work order or asset data spreadsheet by filling out all applicable portions of the Excel spreadsheet workbook after validating matching appropriate fields per provided reference files.

ATTACHMENT J-0200000-05  
NAVFAC MAXIMO SYSTEM ACCESS PROCEDURES

Purpose and Overview

The Contractor must obtain access to the NMCI network and request an account for NAVFAC MAXIMO. There are several steps in receiving approval to access the NMCI network and a separate process to request a NAVFAC MAXIMO username and password. The instructions in the following section are accurate at the time of solicitation but are subject to change.

NMCI Network Access

The contractor methods to obtain network access to include:

**Common Access Card (CAC)**

The FEC or local PWD can sponsor a limited number of CACs for Contractor personnel. The Contractor must buy a card reader and required software and utilize their own workstation. The Contractor can use a CAC to connect to NAVFAC MAXIMO via the internet if the workstation has a compatible CAC card reader. A NMCI workstation is not required in order to use a CAC.

**NMCI Seat**

If deemed suitable by the Contracting Officer, the Contractor may buy NMCI seats directly from NMCI to enable the Contractor to staff their resources onsite. The Contracting Officer will provide local assistance to initiate the process to purchase the NMCI seat and also to get CAC access. Onsite resources must have a CAC card to use the NMCI workstation. Contact the Contracting Officer for information on approximate costs. This option may be removed with 30 calendar days notification at no charge to the Government. The Contractor shall be liable for all charges associated with the workstation, including, but not limited to, Move/Add/Change requests.

**DoD PKI External Certificate**

The Contractor may purchase external DoD PKI certificates from one of the approved ECA vendors listed on the DISA website: <http://iase.disa.mil/pki/eca/index.html>. The Contractor may purchase as many external certificates as required using this method. This website has full details on purchase, cost and FAQ details for these certificates. The Contractor may contact the Contracting Officer for more details. The contractor is advised this method is subject change by the Navy or DoD Policy with limited or no warning. The cost to accommodate these changes shall be born fully by the contractor.

The Contractor may choose a combination of the above methods for direct access depending on the volume of work and location of their resources.

The following web links give more details on how/where to purchase the CAC card readers, software and steps to install and use the CAC cards and DOD certificates

<http://militarycac.com/>

[http://www.dmdc.osd.mil/smartcard/docs/FAQ\\_PKI-PKE.pdf](http://www.dmdc.osd.mil/smartcard/docs/FAQ_PKI-PKE.pdf)

or

<http://www.nmci-isf.com/downloads/userinfo/PKIInstallationGuide.pdf>

NAVFAC MAXIMO Account Request

The Contractor shall submit a request for NAVFAC MAXIMO account access to the Contracting Officer.

The Contractor must satisfy security clearance requirements of the local Information Assurance Manager (IAM) before access will be granted. Steps will include:

- Submit required SAAR form
- Request a NITC portal SSO account
- Request a STS account

- Create a STS ticket requesting a new Maximo account
- Take required initial and recurring Information Assurance training
- Complete New User Request Form

The local NAVFAC Business Office will determine level of access and restrictions for users by configuring NAVFAC MAXIMO Work Center access. The Contractor will receive notification that the NAVFAC MAXIMO account has been created, as well as USER ID, password and NAVFAC MAXIMO access URL details.

ATTACHMENT J-0200000-06  
GOVERNMENT-FURNISHED PROPERTY, MATERIALS, AND SERVICES

1- 18' scissor type personnel lift  
1- 24' scissor type personnel lift  
1- 65' boom type personnel lift  
1- 6,000 Lb. capacity forklift  
1- 10,000 Lb. capacity forklift  
1 -15,000 Lb. capacity forklift

Note: All Equipment is not and will not be given into the permanent custody of the contractor. The contractor will return all Government Equipment to the Government after each task has been completed.

**INSTALLATION SPILL CONTROL PLAN**

**CDO - Basic Spill Response Expectations**

If a spill occurs on your watch, you should immediately do the following:

- 1 - Stop all work in the area.
- 2 - Call the Fire Department at 911 or 841-3333.
- 3 - Notify your chain of command that you have discovered a spill or discharge.
- 4 - Contact the Environmental Office immediately (*See contact numbers below*)
- 5 - Try to limit access to the affected area through using cones, caution tape, barricades, or anything else you may have available to you.
- 6 - Do whatever you can to ensure that innocent passersby stay away from contaminated media.
- 7 - Prevent discharge from reaching storm drains or surface water.

~ The following operations, processes, or equipment tend to be the most likely places for a spill to occur:

Oil or fuel transfer / loading / off loading (*such as; ship fueling, bilge pump-out, vehicle fueling at NEX or PWD transportation*)

Over filling aboveground storage tanks (ASTs)

Damaged or compromised oil or fuel storage containers and drums

Oil filled processing equipment (*such as; transformers, elevators, hydraulic equipment, and construction equipment*)

Oil or fuel loading, off-loading by contractor or PWD transportation (*such as boiler plant refueling or PWD fuel truck fueling equipment and emergency generators*)

**NAVSTA NEWPORT ENVIRONMENTAL SPILL RESPONSE CONTACTS**  
(Call in the order #1 thru #3 as listed below)

<p><b>#1 - Mark Rielly – Spill Program Manager</b> Work / Office: 401-841-1791 Cell: 401-862-8430 Home: 401-284-0895</p>	<p><b>#2 - David Dorocz – Environmental Director</b> Work / Office: 401-841-7671 Cell: 401-862-8433 Home: 401-725-6762</p>
<p><b>#3 - Arthur Sylvester</b> Work / Office: 401-841-3919 Home: 401-847-5748</p>	

National Response Center (NRC) - Oil / Chemical / Radiological = 1-800-424-8802

National Response Center (NRC) - Biological = 1-800-424-9300

RIDEM - 24Hr. Emergency Spill Response = 401-222-3070

CHEMTREC – 1-800-424-9300

Figure 1

ATTACHMENT J-0200000-08  
EXHIBIT LINE ITEM NUMBERS

SEE QUOTE SHEET (SECTION B)

ATTACHMENT J-1502000-01  
DEFINITIONS AND ACRONYMS

<b>Definition</b>	<b>Description</b>
Construction Equipment	All mechanical equipment used in the construction, alteration, or repair of buildings, bridges, roads, or other kinds of real property. It includes pile drivers, power shovels, and cranes with special attachments, road rollers, tractors, scrapers, plows, and street sweepers.
Material Handling Equipment (MHE)	Self-propelled and conveyor equipment used in storage and materials handling operations in and around warehouses, shipyards, industrial plants, airfields, magazines, depots, docks, terminals, and on-board ships. Included are warehouse tractors, forklift trucks, rough terrain forklift trucks, platform trucks, pallet trucks, conveyors and conveyor systems, and straddle carrying trucks.
Weight Handling Equipment (WHE)	Includes mobile or transportable truck, crawler, and railway mounted locomotive cranes normally used for lifting, moving, and placing heavy material or equipment. For purposes of this contract, WHE does include portal, gantry, jib, and other facility type cranes.

ATTACHMENT J-1502000-02  
FORMS

APPENDIX D  
ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD  
FOR CATEGORY 2 AND 3 CRANES

Notes:

1 The following are the minimum inspection requirements. Due to the various makes and models of cranes in the Navy inventory with unique or special components, these specifications may require additional instructions. Components need not be disassembled for inspection, except: (a) where noted specifically to disassemble; (b) where activity experience warrants disassembly of specific components; or (c) where problems indicated by these inspections require disassembly for further inspection. Deleting or reducing the frequency of these inspections requires Navy Crane Center approval. Justification shall be provided with the activity's request. Additional or more frequent inspections based upon activity experience or OEM recommendations may be performed at the discretion of the activity. For items not identified in these specifications, the activity shall develop appropriate inspection criteria.

2 These specifications include both non-operational and operational inspection criteria. Where necessary to ensure the safety of inspection and maintenance personnel, the crane shall be de-energized in accordance with approved lockout procedures.

3 For inspections that involve fluids (lubricants, coolants, brake fluid, hydraulic fluid, etc.) or grease, inspect visual appearance, smell, and feel for indications of damaged or malfunctioning components.

4 Where an unsatisfactory condition is found, the item shall be identified on the "Unsatisfactory Items" sheet together with a statement of the condition observed. Corrective action in terms of adjustments, repairs, or replacements of items shall be detailed on a Shop Repair Order (SRO) or other appropriate document. (See NAVFAC P-300 for a sample SRO.)

5 Brake data measurements shall be recorded on the "Brake Data" sheet. Measurement attributes and criteria shall be based on brake OEM and/or activity engineering organization recommendations. Where measurements are inaccessible without disassembly, those measurements need only be taken when the brake is disassembled.

6 Wire rope dimensional measurements and chain length measurements shall be recorded. Where other measurements are specified by the activity engineering organization, these measurements shall also be recorded.

7 As an alternative to the above dimensional measurements, gages may be used if supplied by the OEM or as approved by the activity engineering organization. If gages are used, the gage part number or drawing number shall be recorded on the Maintenance Inspection Specification and Record.

8 Where an inspection item applies to multiple components (e.g., main hoist, auxiliary hoist), each component shall be identified in the "system inspected" column

ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD									
FOR CATEGORY 2 AND 3 CRANES SHEET <u>1</u> OF _____									
Crane		Type	Manufacturer			Capacity			
Prior Inspection		Current Inspection		Legend: Check under condition S = Satisfactory    C = Corrected (If deferred, leave blank and identify on Unsatisfactory Items sheet) U = Unsatisfactory    NA = Not Applicable					
DATE		DATE							
Item No	Items to be Inspected	Maintenance Inspection Specification			System Inspected	Condition			
						S	U	C	NA
1	Structure (Bridge Girders, Trolley, Trucks, Equalizer Beams, Gantry, Boom, Jib, Pillar, Etc.)	Inspect structural components for damage, distortion, or deterioration, and for evidence of loose or missing fasteners and cracked welds. Inspect truck equalizer pins for proper lubrication.							
2	Rails and Tracks, including top running trolley rail and underhung trolley and runway beams (Not applicable to runway rails for top running bridge cranes and gantry cranes.)	Inspect rails, tracks, splices, switches, hanger rod assemblies, and end stops for damage, deterioration, visible misalignment, and for evidence of loose or missing fasteners and cracked welds. Inspect for abnormal wear or other evidence of bridge or trolley misalignment.							
3	Handrails, Walkways, Ladders, and Personnel Safety Guards	Inspect for damage or deterioration, and for evidence of loose or missing fasteners and cracked welds.							
4	Bumpers	Inspect for damage or deterioration, and for evidence of loose or missing fasteners.							
5	Jib Boom Bearings	Inspect rotate bearings for proper lubrication. Rotate boom and inspect for evidence of bearing damage, overheating, and abnormal wear.							
6	Wheels and Axles	Inspect wheels for uneven wear, flat spots, chips, flange wear, or cracks, for evidence of loose or missing fasteners and bearing caps, and for proper lubrication. During operation, inspect for excessive movement between components, improper tracking, overheating, and other evidence of component wear or bearing damage. Listen for abnormal noise.							
7	Shafts and Couplings	Inspect for evidence of damage, misalignment, leaking seals, and loose keys, coupling bolts, and covers. During operation, inspect for vibration, overheating, and other evidence of misaligned, worn, or damaged components or bearings. Listen for abnormal noise.							
	Shafts and Couplings (Hoist Drives)	Verify coupling alignments are within OEM tolerances (not applicable to NEMA c, d, and p-face motors, or similar configurations). Verify alignment at every sixth annual inspection. Coupling alignment verification data shall be included in the crane's history file.							
8 a	Gearing (Hoist, Rotate, Travel) External Gears	Inspect for damaged or worn gears, for evidence of misalignment or loose keys, and for proper lubrication. During operation, listen for abnormal noise, and inspect for other evidence of possible damage. Inspect for evidence of bearing damage, overheating, and abnormal wear.							

**ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD  
FOR CATEGORY 2 AND 3 CRANES SHEET 2 OF \_\_\_\_\_**

Crane		Type	Manufacturer	Capacity			
Item No	Items to be Inspected	Maintenance Inspection Specification	System Inspected	Condition			
				S	U	C	NA
8 b	Gearing (Hoist, Rotate, Travel) Internal Gears, including clutches. (Not applicable to manual chain hoists).	Inspect gear case for proper lubricant level. Inspect for leaks and for evidence of loose or missing fasteners. Inspect breathers for restrictions. During operation, inspect for vibration, overheating, and other evidence of misaligned, worn, or damaged internal components or bearings. Listen for abnormal noise.					
	Hoist Gears (Not applicable to category 3 package hoist assemblies or manual chain hoists.)	<p><b>Additionally, internal gearing for hoists shall be monitored by an oil or vibration analysis program. The oil or vibration analysis shall be performed at least once each certification period with results analyzed by a qualified source and documented and retained in the equipment history file for the life of the component.</b></p> <p>As an alternative to oil or vibration analysis, internal gears shall be visually inspected for wear or damage and for evidence of misalignment. If all gears cannot be visually inspected through inspection ports or by video probe or similar inspection devices, gear cases shall be disassembled for visual inspection. If this alternative is selected, perform at every tenth annual inspection.</p>					
8 c	Gearing, Manual Chain Hoists.	<p>Inspect for evidence of worn, corroded, cracked, or distorted parts such as shafts, gears, bearings, pins, rollers, load sprockets, idler sprockets, or hand chain wheels.</p> <p>Manually operated chain hoist gears shall be visually inspected annually unless they are in the biennial program, in which case they shall be inspected every two years.</p>					
9 a	Mechanical Load Brakes - Powered Hoists	Inspect for proper lubricant level and for leaks. During operation, inspect for chattering, vibration, overheating, or other evidence of misaligned, worn, or damaged internal components. Listen for abnormal noise. For mechanical load brakes that cannot be tested independently, disassemble at every tenth annual inspection and inspect for damage and deterioration. (See appendix E.)					
9 b	Mechanical Load Brakes - Manual Hoists	<p>Inspect for evidence of worn, glazed, or oil contaminated friction discs; worn pawls, cams or ratchet; corroded, stretched, or broken pawl springs in brake mechanism.</p> <p>Note: Disassembly of hoists in the biennial program may be done biennially in conjunction with the load test.</p>					
10	Mechanical Brakes	<p>Inspect system for damage, for evidence of binding, loose, and worn components, and for proper lubrication. Disassemble as required to inspect brake linings for wear and glazing, and drums for smoothness and for evidence of overheating. Inspect brakes for proper settings and for alignment of brake shoes. During operation, verify proper release, engagement, and stopping action in both directions of motion. Inspect for evidence of overheating.</p> <p>Note: For hoists without mechanical load brakes and where the brake stops the movement of the load, disassembly shall be done annually (biennially for cranes in the biennial program). For hoists with mechanical load brakes, and for holding brakes and travel and rotate brakes, disassemble at every sixth annual inspection.</p>					

**ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD  
FOR CATEGORY 2 AND 3 CRANES SHEET 3 OF \_\_\_\_\_**

Crane		Type	Manufacturer	Capacity			
Item No	Items to be Inspected	Maintenance Inspection Specification	System Inspected	Condition			
				S	U	C	NA
11	Hydraulic Brake System	<p>Inspect system for damage, for evidence of binding, loose, and worn components, and for proper lubrication. Disassemble as required to inspect brake linings for wear and glazing, and drums for smoothness and for evidence of overheating. Inspect brakes for proper settings and for alignment of brake shoes. Inspect master cylinders for proper hydraulic brake fluid level. Inspect lines for damage, leakage, and evidence of loose connections. During operation, verify proper release, engagement, and stopping action in both directions of motion. Inspect for evidence of overheating.</p> <p>Note: For hoists without mechanical load brakes and where the brake stops the movement of the load, disassembly shall be done annually (biennially for cranes in the biennial program). For hoists with mechanical load brakes, and for holding brakes and travel and rotate brakes, disassemble at every sixth annual inspection.</p>					
12	Air Brake System	<p>Inspect system for damage, for evidence of binding, loose, and worn components, and for proper lubrication. Disassemble as required to inspect brake linings and discs for wear and glazing, and drums or rotors for smoothness and for evidence of overheating. Inspect brakes for proper settings and for alignment of shoes and calipers. Inspect air lines for damage and evidence of loose connections. During operation, verify proper release and engagement, and stopping action in both directions of motion. Inspect airlines and air application valves for proper operation and air leaks.</p> <p>Note: For hoists without mechanical load brakes and where the brake stops the movement of the load, disassembly shall be done annually (biennially for cranes in the biennial program). For hoists with mechanical load brakes, and for holding brakes and travel and rotate brakes, disassemble at every sixth annual inspection.</p>					
13 a	Electric Magnetic Brake System (Shoe and Band Type Brakes)	<p>Inspect system for damage, for evidence of binding, loose, and worn components, and for proper lubrication. Disassemble as required to inspect linings for wear and glazing, and brake drums for smoothness and for evidence of overheating. Inspect brakes for proper settings and alignment of brake shoes. Inspect wiring for damage or deterioration, and for evidence of loose connections. During operation, verify proper release, engagement, and stopping action in both directions of motion. Inspect for evidence of overheating or other evidence of incomplete brake release.</p> <p>Note: For hoists without mechanical load brakes and where the brake stops the movement of the load, disassembly shall be done annually (biennially for cranes in the biennial program). For hoists with mechanical load brakes, and for holding brakes and travel and rotate brakes, disassemble at every sixth annual inspection.</p>					

ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD							
FOR CATEGORY 2 AND 3 CRANES SHEET 4 OF _____							
Crane		Type	Manufacturer			Capacity	
Item No	Items to be Inspected	Maintenance Inspection Specification	System Inspected	Condition			
				S	U	C	NA
13 b	Electric Magnetic Brake System (Disc Type Brakes)	<p>Inspect brake housings for damage or evidence of loose hardware. Inspect brakes for proper settings. Inspect wiring for damage or deterioration, and for evidence of loose connections. Disassemble, as required, to inspect for damaged brake discs, splines, or other components, for glazing, and for proper brake lining thickness. During operation, verify proper release, engagement, and stopping action in both directions of motion. Listen for abnormal noise, and inspect for vibration and overheating.</p> <p>Note: For hoists without mechanical load brakes and where the brake stops the movement of the load, disassembly shall be done annually (biennially for cranes in the biennial program). For hoists with mechanical load brakes, and for holding brakes and travel and rotate brakes, disassemble at every sixth annual inspection.</p>					
13 c	Electric Magnetic Brake System (Caliper Brakes on Wire Rope Drums)	<p>Inspect system for damage, for evidence of binding, loose and worn components, and for proper lubrication. Inspect brake linings for wear and brake surfaces on drums for smoothness and for evidence of overheating. Inspect brakes for proper settings and alignment of calipers. Inspect wiring for damage or deterioration, and for evidence of loose connections. During operation, inspect for proper release and engagement.</p> <p>Note: For hoists without mechanical load brakes and where the brake stops the movement of the load, disassembly shall be done annually (biennially for cranes in the biennial program). For hoists with mechanical load brakes, and for holding brakes and travel and rotate brakes, disassemble at every sixth annual inspection.</p>					
14	Sheaves	<p>Inspect for abnormally worn or corrugated grooves, flat spots, abnormal play, and broken or cracked flanges. Inspect for evidence of loose or missing fasteners, keepers, and lubrication fittings. Gauge the wire rope grooves of all sheaves. Expose and examine sections of equalizer sheaves and saddles in contact with wire rope and where corrosion may develop because of poor drainage. During operation, verify free movement of all sheaves, and inspect for abnormal play, overheating, and other evidence of bearing or component wear or damage.</p>					
15	Wire Rope Drum and Machinery Foundations	<p>Inspect drums for distortion, cracks, worn grooves, and for evidence of cracked welds and loose or missing fasteners. Inspect pillow block bearings for evidence of loose or missing fasteners. Inspect machinery foundations for damage or deterioration, and for evidence of loose or missing fasteners and cracked welds. During operation, verify that at least two complete wraps of wire rope remain on grooved drums (at least three complete wraps on un-grooved drums) in all operating conditions. Listen for abnormal noise. Inspect for vibration, overheating, and other evidence of misaligned, worn or damaged components or bearings.</p>					

ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD							
FOR CATEGORY 2 AND 3 CRANES SHEET 5 OF _____							
Crane		Type	Manufacturer			Capacity	
Item No	Items to be Inspected	Maintenance Inspection Specification	System Inspected	Condition			
				S	U	C	NA
16	Wire Rope, Fastenings, and Terminal Hardware*	Thoroughly inspect entire length of wire rope. The depth and detail of the inspection shall be that necessary to ensure that the entire rope is acceptable with special attention paid to areas of expected wear or damage, and to areas not normally visible to the operator during operation or pre-use check. During the inspection, the wire rope shall be paid out as far as possible. For sections that cannot be spooled off the drum, visual inspection of the wire rope on the drum is sufficient. Remove wire rope dressing from selected areas subjected to significant wear, exposure, and abuse. Dimensional (diameter) measurements shall be performed at several places over the length of the rope. Record minimum dimension measured in the "remarks" block. Expose and examine sections in contact with equalizer sheaves and saddles or where corrosion may develop because of poor drainage. Lubricate areas after inspection. Inspect sockets, swivels, trunnions, and connections for undue looseness, wear, cracks, corrosion, or other damage. Undue looseness in poured sockets is defined as looseness or evidence of slippage of wires in the securing material, evidence of deterioration of the securing material, looseness of wire rope strands or wires adjacent to the socket or any looseness resulting from cracks or other defects in the basket. Evidence of looseness between the securing material and the basket resulting solely from seating of the material in basket is acceptable. Drum end fittings need only be disconnected or disassembled when experience or visible indications deem it necessary. The Federal Specification for wire rope is RR-W-410.					
17	Load Chains and Sprockets	Inspect for damage or deterioration, and for evidence of loose or missing fasteners and cracked welds. Measure for increase in chain length. Record measurements or gage part/drawing number in the "remarks" block. During operation, listen for abnormal noise. Inspect for overheating and other evidence of worn or damaged components and bearings.					
18	Hoist Blocks and Hooks (Including Hoist Mounting Hooks)	Inspect hoist blocks, cheek plates, swivels, trunnions, and lubrication fittings for damage or deterioration, cleanliness, freedom of movement, and for evidence of loose or missing fasteners. Inspect hooks and mousing devices for damage. Inspect drip pans and gaskets for damage, proper clearance, and for evidence of loose or missing fasteners. Inspect for evidence of bearing damage, overheating, and abnormal wear. See appendix E for further inspection and test of hooks.					

\* See next page for wire rope rejection criteria.

Wire Rope Rejection Criteria. Remove damaged portions (or replace entire length, if necessary) if any of the following are found:

1. Kinked, Bird-Caged, Doglegged, or Crushed Sections. Kinked, bird-caged, doglegged, or crushed rope in straight runs where the core is missing or protrudes through or between strands, or where the rope does not fit properly in sheave or drum grooves. (This does not apply to runs around eyes, thimbles, shackles).
2. Flattened Sections. Flattened sections where the diameter across the flat is less than 5/6 of nominal diameter. (This does not apply to runs around eyes, thimbles, and shackles.)
3. Wear. Wear exceeding one-third the original diameter of outside individual wires.
4. Broken Wires. Six randomly distributed broken wires in one lay or three broken wires in one strand in one lay. One outer wire broken at the point of contact with the core of the rope that has worked its way out of the rope structure and protrudes or loops out from the rope structure ("valley break"), for end connections, two broken wires within one lay length of the end connection.
5. Loss in Diameter. Reduction from nominal diameter of:
  - 1/64" for diameters up to and including 5/16"
  - 1/32" for diameters 3/8" to and including 1/2"
  - 3/64" for diameters 9/16" to and including 3/4"
  - 1/16" for diameters 7/8" to and including 1 1/8"
  - 3/32" for diameters 1 1/4" to and including 1 1/2"
  - 10 percent for diameters over 1 1/2"
6. High Strand. High strand where the height exceeds 10 percent of the nominal diameter.
7. Corrosion. Corrosion such that significant pitting occurs on the surfaces of outside wires. Minor surface roughness on outside wires is acceptable provided no significant pitting occurs and the rope is not corroded internally. Significant pitting is defined as pitting that cannot be removed by abrasive removal of less than 1/3 of the original diameter of individual outside wires.
8. Heat Damage. Evidence of heat damage from any cause
9. Accumulation of Defects. An accumulation of defects that in the judgment of the inspector creates an unsafe condition
10. Splices. Wire rope shall not contain splices.

**ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD  
FOR CATEGORY 2 AND 3 CRANES SHEET 6 OF**

Crane		Type	Manufacturer	Capacity			
Item No	Items to be Inspected	Maintenance Inspection Specification	System Inspected	Condition			
				S	U	C	NA
19	Insulated Link	Inspect link surface for conductive contaminants such as graphite, grease, metallic particles, or rust streaks. Inspect for damage. See appendix E, for additional inspection and testing requirements for insulated links.					
20	Air Operating System	Inspect motors, valves, filters, water separators, cylinders, lines, regulators, and gauges for missing parts, damage, and evidence of loose or missing fasteners. Inspect for proper lubrication. Verify proper operation and inspect system for leaks.					
21	Main Disconnect Switch	Inspect for broken or missing support or operating components and for evidence of overheating, and loose connections. Inspect fuses for proper rating and type. Inspect wiring for damage or deterioration, and for evidence of loose connections. Verify proper operation.					
22	Runway and Trolley Electrification (Collector Bar, Festoon, and Cable Track Systems)	Inspect system and associated wiring for damage or deterioration, and for evidence of loose fasteners or connections. Verify proper operation.					
23	Cable Reels	Inspect reel assembly and associated wiring for damage or deterioration, and for evidence of loose fasteners or connections. Verify proper operation.					
24	Electrical Hardware and General Lighting	Inspect conduits, raceways, and junction boxes for damage or deterioration, and for evidence of loose connections. Inspect light fixtures and associated wiring for damage or deterioration, and for evidence of loose connections. Verify operation of lights.					
25	Control Panels, Relays, Coils, Transfer and Disconnect Switches, and Conductors Electronic (Solid State) Drive Control Systems	Inspect (without removing) contacts for proper alignment, pitting, and evidence of excess heating and arcing. Inspect transfer and disconnect switches, conductors, coils and contact leads, and shunts for insulation breakdown, missing hardware, and evidence of overheating. Inspect wiring for damage, deterioration, and evidence of loose connections. Inspect fuses for proper rating and type, for evidence of loose connections and overheating. Inspect overload devices for evidence of loose connections overheating. Inspect circuit breakers and switches for cleanliness and proper operation. Inspect panel boards and arc shields for cracks, evidence of loose or missing fasteners, cleanliness, and moisture. Manually operate relays, switches, contactors, and interlocks and verify that all moving parts operate freely without binding or excessive play. Inspect enclosures for cleanliness or damage, and for evidence of loose or missing fasteners and gaskets. During operation, verify proper operation of panel indicating lights and contactor sequence. Verify proper operation of environmental controls (e.g., strip heaters, cooling fans). Inspect the electronic (solid state) drive control systems wiring for damage or deterioration, and for evidence of loose connections. Visually inspect (without removing) components for evidence of damage or overheating. Verify that the drive is dry and free of dust, dirt, and debris.					

**ANNUAL MAINTENANCE INSPECTION SPECIFICATION AND RECORD  
FOR CATEGORY 2 AND 3 CRANES SHEET 7 OF \_\_\_\_\_**

Crane		Type	Manufacturer	Capacity			
Item No	Items to be Inspected	Maintenance Inspection Specification	System Inspected	Condition			
				S	U	C	NA
26	Controllers	Inspect cab and floor operated controllers for broken or loose springs, cracked or loose operating levers or push buttons, and pitted or burned contact points and segments. Inspect for broken segment dividers and insulators, proper contact pressure, excessive arcing, and worn or loose cams, pins, rollers, or chains, and for evidence of loose or missing fasteners. Inspect wiring for damage or deterioration, and for evidence of loose connections. Inspect pendant cable for proper securing hardware. Inspect for identifying label plates and direction indicators. Inspect such parts as bearings, star wheels, and pawls for proper lubrication. During operation, verify proper sequencing of speed points and operation of indicating lights, and dead man devices. Verify proper spring return and neutral latching.					
27	Resistors	Inspect resistors, insulators, and brackets for damage, distortion, or deterioration, and for evidence of loose or missing fasteners. Inspect wiring for damage or deterioration, and for evidence of loose connections. Inspect for evidence of overheating.					
28	Electric Motors (Hoist, Rotate, Travel)	Inspect motors and associated wiring for cleanliness, damage, or deterioration, and for evidence of loose connections. Inspect for proper lubrication. Inspect slip rings for damage and commutators for evidence of destructive commutation. Inspect brushes for proper brush tension and length. Inspect insulation for deterioration and evidence of overheating. During operation, inspect for any abnormal vibration, overheating, or other evidence of misaligned, worn, or damaged internal components or bearings. Verify proper operation of environmental controls (e.g., strip heaters, cooling fans).					
29	Eddy Current Brakes	Inspect for cleanliness, damage, or deterioration, and for evidence of loose connections. Inspect for proper lubrication. Inspect wiring for damage or deterioration, and for evidence of loose connections. During operation, listen for any abnormal noise. Inspect for vibration, overheating, or other evidence of misaligned, worn, or damaged internal components or bearings.					
30	Limit and Bypass Switches	Remove covers and inspect electrical and mechanical components for damage or deterioration, and for evidence of loose connections. Inspect enclosures for evidence of moisture and arcing. Inspect wiring for damage or deterioration, and for evidence of loose connections. Inspect drive and actuating components for damage, deterioration, and proper lubrication, and for evidence of loose connections. During operation, verify proper functioning of primary and secondary limit switches, indicator lights, settings, and bypass switches.					
31	Operator's Cab	Inspect for leaks, broken glass, deterioration, and cleanliness. Inspect louvers, doors, windows, windshield wipers, heaters, air conditioners, operator's chair, and communication equipment for proper operation.					











### Crane Condition Inspection Record

Note: Inspect components that are reasonably accessible without disassembly.

Crane No.:	Type:	Location:	Operator's Name:	Operator's License No.			
Purpose of Inspection:		Legend: B = Before    A = After D = During		Date Started:	Date Completed:		
Item No.	Item Description			B	D	A	Insp/ Init.
1	Inspect structural components for damaged or deteriorated members, and for evidence of loose and missing fasteners and cracked welds.						
2	Inspect wire rope for wear, broken wires, corrosion, kinks, damaged strands, crushed or flattened sections, condition of sockets, dead end connections, and for proper lubrication.						
3	Inspect hooks for cracks, sharp edges, gouges, distortion, and freedom of rotation.						
4	Inspect hoist brakes and clutches, and rotate brakes on floating cranes for condition, wear, proper adjustment and proper operation. Spot check horizontal movement brakes and clutches for condition, wear, proper adjustment and proper operation.						
5	Inspect controls and control components for condition and proper operation.						
6	Inspect motors for condition and proper operation.						
7	Inspect limit switches for condition and proper operation. (Hook lower limit switch inspections/verifications may be performed at the maintenance inspection in lieu of the CCIR. Annotate in Remarks block if performed at the maintenance inspection.)						
8	If load test is performed, inspect load indicators, load warning devices, and load shutdown devices for condition and working accuracy as specified in appendix C or D as applicable. (This may be performed at the maintenance inspection in lieu of the CCIR. Mark N/A if performed at the maintenance inspection.)						
9	Inspect mechanical equipment (shafts, couplings, gearing, bearings, etc.) for condition and proper operation.						
10	Inspect sheaves for condition and evidence of loose bearings and misalignment.						
11	Inspect wheels, axles, and trolley rails (as applicable) for uneven wear, cracks, and for condition and evidence of loose bearings and misalignment.						
12	Inspect load chains and sprockets for condition and proper operation.						
13	Verify capacity chart or hook load rating data is in view of operator and/or rigging personnel.						

Item No.	Item Description	B	D	A	Insp/ Init.
14	Inspect operator's cab for cleanliness and operation of equipment.				
15	Inspect machinery house for cleanliness, proper safety guards, warning signs, and storage of tools and equipment.				
16	Verify proper operation of indicators, indicator lights, gauges, and warning devices.				
17	Verify current inspection of fire protection equipment.				
18	Verify that pressure vessel inspection certificates are posted and current. (See UFC 3-430-07 or appropriate document for test procedures.)				
19	Inspect outriggers, pads, boxes, wedges, cylinder mountings and level indicators for condition and proper operation.				
20	Inspect tires, crawler tracks, travel, steering, braking, and locking devices for condition and proper operation. (Applies to mobile cranes, boat hoists, rubber-tired gantry cranes, and certain category 4 cranes.)				
21	Verify accuracy of radius and/or boom angle indicator as specified in appendix C.				
22	Inspect pawls, ratchets, and rotate locks for proper engagement and operation of interlocks.				
23	Inspect tanks, lines, valves, drains, filters, and other components of air systems for leakage and proper operation.				
24	Inspect reservoirs, pumps, motors, valves, lines, cylinders, and other components of hydraulic systems for leakage and proper operation.				
25	Inspect engines and engine-generator sets for condition and proper operation.				
26	Inspect counterweights and ballast for condition and evidence of loose and missing fasteners.				
27	Verify barge compartment (voids) cover bolts are installed.				
28	Verify accuracy of list and trim indicators against design data or previous test data.				
29	Inspect rotate path assembly and center pin steadiment/support assembly for condition and proper operation.				
30	Inspect slewing ring bearings for condition and proper operation.				
31	Inspect travel trucks, equalizers, and gudgeons for condition and proper operation.				
Remarks:					
Inspector Signature/Date:			Test Director Signature/Date:		

**CERTIFICATION OF LOAD TEST AND CONDITION INSPECTION**

Activity			Building/Location			
Crane No.	Type	OEM's Rated Capacity			Certified Capacity <small>(If different from OEM's rated capacity, explain in "Remarks")</small>	
		Main	_____ lbs.	_____ feet	Main	_____ lbs. _____ feet
		Aux	_____ lbs.	_____ feet	Aux	_____ lbs. _____ feet
		Whip	_____ lbs.	_____ feet	Whip	_____ lbs. _____ feet
<input type="checkbox"/> Annual Certification <input type="checkbox"/> Biennial Load Test <input type="checkbox"/> Biennial Certification <input type="checkbox"/> Interim Recertification (Reason: _____)			Appendix "E" Applicable Crane Test Procedure Paragraphs <small>(Include applicable subparagraphs.)</small>			
Category 1 or 4 Cranes *						
Boom Length	Test Load %	Minimum Radius		Maximum Radius		
		Pounds	Feet	Pounds	Feet	
Hoist						
Main						
Aux						
Whip						
Other						
Hook Tram Measurements		Base Meas.	Before Test	After Test		
Main Hook						
Aux Hook						
Whip Hook						
Other						
Category 2 Cranes						<p align="center"><b>Certification</b></p> <p>This is to certify that inspections and tests have been conducted in accordance with the procedures set forth in the current NAVFAC P-307. It is further certified that the crane identified above is satisfactory to lift its certified capacity.</p>
Hoist	Test Load %	Pounds	Hook Tram Measurements			
			Base Meas.	Before Test	After Test	
Main						
Aux						
Category 3 Cranes						<p>Test Director (Signature) _____ Date _____</p> <p>Inspector (Signature) _____ Date _____</p> <p>Inspector (Signature) _____ Date _____</p> <p>Certifying Official (Signature) _____ Date _____</p> <p>Expiration Date _____</p>
Hoist	Test Load %	Pounds	Hook Tram Measurements			
			Base Meas.	Before Test	After Test	
Main						
Aux						
Annual or Biennial Certifications Since Hook NDT			Remarks			
<p>* For mobile cranes, list all test loads and configurations (e.g., over side/over rear, boom extended/retracted, lifts on tires, travelling, etc.). If necessary, use figure 3-2.</p>						

Figure 3-1



ATTACHMENT J-1502000-03  
Equipment Inventory

Crane Number	Type Crane	Sub Description	MANUFACTURER	MODEL NUMBER	HOIST WIRE or CHAIN	POWERED BY ELECTRIC/ MANUAL	YEAR	CAPACITY (LBS)	# OF HOOKS	CAT 1	CAT 2	CAT 3	CAT 4	SECT 14	Bldg #	Location
1	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			1170	NUWCNPT
2	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			1170	NUWCNPT
3	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			1170	NUWCNPT
4	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			1170	NUWCNPT
5	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			1170	NUWCNPT
6	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			117	NUWCNPT
7	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			117	NUWCNPT
9	MONORAIL	ELECTRIC	P&H	22HB12A	WIRE	ELECTRIC	UNK	4,000	1			X			1170	NUWCNPT
10	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	1937	4,000	1			X			117	NUWCNPT
11	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	1937	4,000	1			X			117	NUWCNPT
13	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	1937	4,000	1			X			117	NUWCNPT
15	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	1937	4,000	1			X			149	NUWCNPT
17	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	1937	4,000	1			X			149	NUWCNPT
18	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	UNK	6,000	1			X			119	NUWCNPT
19	BRIDGE CRANE	UNDERHUNG	SHAW BOX	3-113981-2	WIRE	ELECTRIC	UNK	6,000	1			X			123	NUWCNPT
20	BRIDGE CRANE	UNDERHUNG	ROBBINS & MYER	S-2-3-25M145	WIRE	ELECTRIC	UNK	4,000	1			X			124	NUWCNPT
21	BRIDGE CRANE	UNDERHUNG	YALE	BEW2-21RT1	WIRE	ELECTRIC	UNK	4,000	1			X			126	NUWCNPT
23	BRIDGE CRANE	UNDERHUNG	SHAW BOX	110107-14	WIRE	ELECTRIC	UNK	4,000	1			X			165	NUWCNPT
24	HOIST	CHAINFALL	WRIGHT	E	CHAIN	MANUAL	UNK	2,000	2				X		1170	NUWCNPT
25	BRIDGE CRANE	TOP RUNNING	DETROIT	M6LL	WIRE	ELECTRIC	UNK	6,000	1			X			1171	NUWCNPT
26	BRIDGE CRANE	TOP RUNNING	DETROIT	M10XL/	WIRE	ELECTRIC	UNK	10,000	2			X			1171	NUWCNPT
28	MONORAIL	ELECTRIC	YALE	KEL2-20ST7	CHAIN	ELECTRIC	UNK	2,000	1			X			1171	NUWCNPT
30	A-FRAME	PORTABLE	MAGIC POLE	UNK	N/A	MANUAL	UNK	2,000	1				X		1171	NUWCNPT
31	BOOM CRANE	FLOOR	DAYTON	3ZC72	CHAIN	MANUAL	UNK	2,000	1				X		113	NUWCNPT
32	MONORAIL	N/A	SHAW BOX	X112460-3	WIRE	ELECTRIC	UNK	10,000	1			X			GOULD	NUWCNPT
33	MONORAIL	N/A	SHAW BOX	X112460-3	WIRE	ELECTRIC	UNK	10,000	1			X			GOULD	NUWCNPT
34	GANTRY CRANE	CHAINFALL	CM	H 1/4 Q	CHAIN	MANUAL	UNK	2,000	1			X			1258	NUWCNPT
35	HOIST	FLOOR	SPECIALTY MOTO	SHL3	CHAIN	MANUAL	UNK	650	1				X		1190	NUWCNPT
36	HOIST	CHAINFALL	HARRINGTON	CF4242	CHAIN	MANUAL	UNK	4,000	2				X		POOL	NUWCNPT
38	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	UNK	4,000	1			X			110	NUWCNPT
40	BRIDGE CRANE	UNDERHUNG	YALE	CEW10X20CB14D	WIRE	ELECTRIC	UNK	20,000	1			X			1246	NUWCNPT
41	BRIDGE CRANE	TOP RUNNING	YALE	TELIOG31FB15	WIRE	ELECTRIC	UNK	18,000	1			X			1170	NUWCNPT
44	BRIDGE CRANE	UNDERHUNG	P&H	22HB13A	WIRE	ELECTRIC	UNK	2,000	1			X			1170	NUWCNPT
45	BRIDGE CRANE	UNDERHUNG	YALE	DEW10-46CB150	WIRE	ELECTRIC	UNK	20,000	1			X			1246	NUWCNPT
46	BRIDGE CRANE	UNDERHUNG	YALE	DEW10-46CB15D	WIRE	ELECTRIC	UNK	20,000	1			X			1246	NUWCNPT
47	BRIDGE CRANE	UNDERHUNG	YALE	CEW10X20CB14D	WIRE	ELECTRIC	UNK	20,000	1			X			1246	NUWCNPT
49	HOIST	PORTABLE	DUFF NORTON	LSB-1500	CHAIN	MANUAL	UNK	6,000	2				X		POOL	NUWCNPT
51	A-FRAME	PORTABLE	HARBOR FREIGHT	41188	N/A	MANUAL	2001	2,000	N/A				X		DODGE	NUWCNPT
54	BRIDGE CRANE	UNDERHUNG	P&H	22HB13A	WIRE	ELECTRIC	UNK	2,000	1			X			1170	NUWCNPT
55	JIB	PEDASTAL	SHOP FABRICATE	UNK	WIRE	MANUAL	UNK	500	1			X			DODGE	NUWCNPT
58	BRIDGE CRANE	UNDERHUNG	LO-HED	MZ-2G	WIRE	ELECTRIC	UNK	4,000	1			X			110	NUWCNPT
59	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	BM267	WIRE	ELECTRIC	UNK	4,000	1			X			110	NUWCNPT
60	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	UNK	4,000	1			X			116	NUWCNPT
61	BRIDGE CRANE	UNDERHUNG	LO-HED	MZ-2G	WIRE	ELECTRIC	UNK	4,000	1			X			110	NUWCNPT
62	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	UNK	4,000	1			X			116	NUWCNPT
64	BRIDGE CRANE	TOP RUNNING	SHEPARD NILES	GEIG3J2	WIRE	ELECTRIC	UNK	6,000	1			X			114	NUWCNPT
65	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	UNK	4,000	1			X			114	NUWCNPT
66	MONORAIL	ELECTRIC	YALE	KEW214ST15D4	WIRE	ELECTRIC	UNK	4,000	1			X			114	NUWCNPT
67	BRIDGE CRANE	TOP RUNNING	DETROIT	M	WIRE	ELECTRIC	UNK	10,000	1			X			113	NUWCNPT
69	BRIDGE CRANE	UNDERHUNG	SHEPARD NILES	UNK	WIRE	ELECTRIC	UNK	4,000	1			X			114	NUWCNPT
70	MONORAIL	CHAINFALL	CM	622	CHAIN	MANUAL	UNK	2,000	2				X		POOL	NUWCNPT
71	HOIST	ELECTRIC	DAYTON	2Z668	WIRE	ELECTRIC	UNK	500	2				X		POOL	NUWCNPT
73	HOIST	ENGINE	RUGER	HP-18	CHAIN	MANUAL	UNK	500	1				X		1171	NUWCNPT
78	BRIDGE CRANE	TOP RUNNING	DETROIT	M6LL	WIRE	ELECTRIC	UNK	6,000	1			X			114	NUWCNPT
79	HOIST	ENGINE	RUGER	HP18	CHAIN	MANUAL	UNK	500	1				X		1246	NUWCNPT
81	BRIDGE CRANE	UNDERHUNG	CM	R	CHAIN	ELECTRIC	UNK	4,000	1			X			1246	NUWCNPT
86	HOIST	ENGINE	RUGER	HP1/2R	CHAIN	MANUAL	UNK	1,000	1				X		1170	NUWCNPT
89	MONORAIL	CHAINFALL	CHESTER	AM	CHAIN	MANUAL	UNK	2,000	1			X			1318	NUWCNPT
90	HOIST	ENGINE	RUGER	HP18	CHAIN	MANUAL	UNK	500	1				X		1171	NUWCNPT
91	HOIST	PEDASTAL	BUDGTT	113456-19	CHAIN	ELECTRIC	UNK	4,000	2			X			1258	NUWCNPT
92	MONORAIL	CHAINFALL	BUDGTT	115847-7	CHAIN	ELECTRIC	UNK	4,000	1			X			1259	NUWCNPT
97	HOIST	FIXED	CM	H	CHAIN	MANUAL	UNK	2,000	2			X			DODGE	NUWCNPT
100	BRIDGE CRANE	UNDERHUNG	COFFING	WR-4014-8	WIRE	ELECTRIC	UNK	4,000	1			X			115	NUWCNPT
101	BRIDGE CRANE	UNDERHUNG	COFFING	WR-4014-8	WIRE	ELECTRIC	UNK	4,000	1			X			115	NUWCNPT
102	BRIDGE CRANE	UNDERHUNG	COFFING	WR-4014-8	WIRE	ELECTRIC	UNK	4,000	1			X			115	NUWCNPT
103	HOIST	FIXED	CM	F	CHAIN	ELECTRIC	UNK	1,000	1			X			DODGE	NUWCNPT
104	HOIST	ENGINE	RUGER	UNK	CHAIN	MANUAL	UNK	500	1				X		1302	NUWCNPT
105	MONORAIL	TROLLEY	SHOP FABRICATE	UNK	N/A	MANUAL	UNK	1,000	N/A				X		178	NUWCNPT
106	MONORAIL	CHAINFALL	CM	R	CHAIN	ELECTRIC	UNK	4,000	2			X			DODGE	NUWCNPT
108	MONORAIL	CHAINFALL	CM	R	CHAIN	ELECTRIC	UNK	4,000	2			X			DODGE	NUWCNPT
110	HOIST	ENGINE	RUGER	HP2000	CHAIN	MANUAL	UNK	2,000	1				X		1371	NUWCNPT
116	MONORAIL	ELECTRIC	P&H	10000	WIRE	ELECTRIC	UNK	10,000	1			X			DODGE	NUWCNPT
119	MONORAIL	CHAINFALL	CM	RT	CHAIN	ELECTRIC	UNK	6,000	2			X			DODGE	NUWCNPT
120	HOIST	CHAINFALL	CM	M	CHAIN	MANUAL	UNK	2,000	2				X		DODGE	NUWCNPT
121	HOIST	CHAINFALL	CM	M	CHAIN	MANUAL	UNK	2,000	2				X		DODGE	NUWCNPT
122	JIB	PEDASTAL	MUSSELL KITO	ERMD050LB0	CHAIN	ELECTRIC	UNK	10,000	1			X			119	NUWCNPT
127	BRIDGE CRANE	TOP RUNNING	CM	L	WIRE	ELECTRIC	UNK	2,000	1			X			1256	NUWCNPT

131	HOIST	FIXED	CM	PRO STAR	CHAIN	ELECTRIC	UNK	300	2			X			80	NUWCNPT
133	HOIST	FIXED	CM	PRO STAR	CHAIN	ELECTRIC	UNK	300	2			X			80	NUWCNPT
142	HOIST	COME-A-LONG	CM	SHORT HANDLE	CHAIN	MANUAL	UNK	3,000	2				X		POOL	NUWCNPT
148	MONORAIL	CHAINFALL	CM	R	CHAIN	ELECTRIC	UNK	4,000	2			X			DODGE	NUWCNPT
150	HOIST	FIXED	WESTINGHOUSE	UNK	WIRE	ELECTRIC	UNK	8,000	N/A				X		DODGE	NUWCNPT
151	MONORAIL	CHAINFALL	CM	R	CHAIN	ELECTRIC	UNK	4,000	2			X			DODGE	NUWCNPT
154	MONORAIL	CHAINFALL	CM	R	CHAIN	ELECTRIC	UNK	4,000	2			X			DODGE	NUWCNPT
155	HOIST	CHAINFALL	INGERSOLL RAND	MCH-020	CHAIN	MANUAL	UNK	4,000	2				X		POOL	NUWCNPT
157	HOIST	PORTABLE	WRIGHT	ACCO	CHAIN	MANUAL	UNK	4,000	1				X		1171B	NUWCNPT
158	HOIST	FLOOR	JET	UNK	CHAIN	MANUAL	UNK	4,000	1					X	68	NUWCNPT
159	BRIDGE CRANE	UNDERHUNG	WRIGHT	3235781	WIRE	ELECTRIC	UNK	4,000	1			X			1302	NUWCNPT
162	HOIST	COME-A-LONG	CM	SHORT HANDLE	CHAIN	MANUAL	UNK	1,500	2				X		POOL	NUWCNPT
165	HOIST	CHAINFALL	CM	RIGGER	CHAIN	MANUAL	UNK	3,000	2				X		POOL	NUWCNPT
168	HOIST	FLOOR	RUGER	60	CHAIN	MANUAL	UNK	3,000	1				X		68	NUWCNPT
179	HOIST	FLOOR	JET	JHC-200X	CHAIN	MANUAL	UNK	4,000	1				X		126	NUWCNPT
181	JIB	PEDASTAL	SPANCO	WF	CHAIN	ELECTRIC	UNK	500	2			X			1176	NUWCNPT
182	HOIST	CHAINFALL	CM	622	CHAIN	MANUAL	UNK	2,000	2				X		1170	NUWCNPT
183	HOIST	PORTABLE	YALE	UNK	CHAIN	ELECTRIC	UNK	500	1				X		1302	NUWCNPT
188	HOIST	PORTABLE	CM	653	CHAIN	MANUAL	UNK	1,500	2				X		1176	NUWCNPT
189	HOIST	MANUAL	CM	653	CHAIN	MANUAL	UNK	1,500	2				X		POOL	NUWCNPT
190	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	2,000	2				X		2	NUWCNPT
192	A-FRAME	CHAINFALL	B.E.WALLACE	UNK	CHAIN	MANUAL	UNK	3,000	1				X		119	NUWCNPT
193	A-FRAME	CHAINFALL	YALE	UNK	CHAIN	MANUAL	UNK	3,000	1				X		119	NUWCNPT
195	MONORAIL	CHAINFALL	CM	CYCLONE	CHAIN	MANUAL	UNK	2,000	2			X			149	NUWCNPT
196	HOIST	PORTABLE	CM	PULLER (640)	CHAIN	MANUAL	UNK	3,000	2				X		1170	NUWCNPT
197	BRIDGE CRANE	UNDERHUNG	CLEVELAND	BM162	N/A	MANUAL	UNK	4,000	N/A				X		114	NUWCNPT
198	MONORAIL	CHAINFALL	CM	L2	CHAIN	ELECTRIC	UNK	2,000	1			X			1171A	NUWCNPT
199	JIB	PEDASTAL	GORBELL	USA02	CHAIN	MANUAL	UNK	4,000	1			X			IP	NUWCNPT
200	HOIST	PORTABLE	OTC	A/P/N 1820	CHAIN	MANUAL	UNK	4,000	2				X		POOL	NUWCNPT
202	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	2,000	1				X		POOL	NUWCNPT
203	HOIST	ENGINE	CHINA	UNK	CHAIN	MANUAL	UNK	2,000	1				X		1176	NUWCNPT
204	BRIDGE CRANE	FIXED	CLEVELAND	UNK	N/A	MANUAL	UNK	10,000	N/A				X		1302	NUWCNPT
214	BRIDGE CRANE	UNDERHUNG	BUDGIT	BEH0116	CHAIN	MANUAL	UNK	2,000	1			X			6	NUWCNPT
219	GANTRY CRANE	ELECTRIC	CM	H	CHAIN	ELECTRIC	UNK	2,000	2			X			117	NUWCNPT
353	BRIDGE CRANE	TOP RUNNING	HARRINGTON	ES3587	CHAIN	ELECTRIC	UNK	16,000	1			X			114	NUWCNPT
369	HOIST	ENGINE	RUGER	HP18	CHAIN	MANUAL	UNK	2,000	1				X		1246	NUWCNPT
396	A-FRAME	PORTABLE	SPANCO	1ALU1210B	N/A	MANUAL	UNK	2,000	1				X		1259	NUWCNPT
398	BRIDGE CRANE	TOP RUNNING	SOMATEX	TRDG	WIRE	ELECTRIC	UNK	19,000	1			X			119	NUWCNPT
399	BRIDGE CRANE	TOP RUNNING	SOMATEX	TRDG	WIRE	ELECTRIC	UNK	19,000	1			X			119	NUWCNPT
400	BRIDGE CRANE	UNDERHUNG	SOMATEX	UNK	WIRE	ELECTRIC	UNK	40,000	1			X			1246	NUWCNPT
410	BRIDGE CRANE	TOP RUNNING	MICHIGAN CRANE	UNK	WIRE	ELECTRIC	2006	20,000	1			X			1371	NUWCNPT
411	BRIDGE CRANE	TOP RUNNING	MICHIGAN CRANE	UNK	WIRE	ELECTRIC	2006	40,000	1			X			1371	NUWCNPT
412	BRIDGE CRANE	UNDERHUNG	MICHIGAN CRANE	UNK	WIRE	ELECTRIC	2006	20,000	1			X			1371	NUWCNPT
416	HOIST	CHAINFALL	DUFF LYNX	LSB-3000	CHAIN	MANUAL	UNK	3,000	1				X		POOL	NUWCNPT
487	HOIST	ENGINE	AIR TECH	SM4000-P16	N/A	MANUAL	UNK	4,000	1				X		1170	NUWCNPT
499	HOIST	CHAINFALL	JET	1/4RS-1-10	CHAIN	ELECTRIC	UNK	550	2				X		DODGE	NUWCNPT
503	HOIST	MANUAL	PEC	CF-1	CHAIN	ELECTRIC	UNK	1,000	2				X		178	NUWCNPT
506	HOIST	PORTABLE	DAYTON	9K602B	CHAIN	MANUAL	UNK	2,000	2				X		1190	NUWCNPT
507	HOIST	PORTABLE	DAYTON	32374B	CHAIN	MANUAL	UNK	4,000	2				X		1190	NUWCNPT
508	HOIST	PORTABLE	YALE	SH-1/2	CHAIN	MANUAL	UNK	1,000	1				X		1190	NUWCNPT
520	BRIDGE CRANE	UNDERHUNG	P&H	22HD13A	WIRE	ELECTRIC	UNK	4,000	1			X			124	NUWCNPT
523	JIB	ELECTRIC	SHAW BOX	X316269-20	WIRE	ELECTRIC	UNK	10,000	1			X			GOULD	NUWCNPT
666	A-FRAME	CHAINFALL	VESTIL	AHS-6-10-14 T	CHAIN	ELECTRIC	UNK	6,000	1			X			3	NUWCNPT
680	BRIDGE CRANE	TOP RUNNING	COFFING	EC-2016-8	CHAIN	ELECTRIC	UNK	2,000	2			X			180	NUWCNPT
695	MONORAIL	ELECTRIC	COFFING	WR-2016-8	WIRE	ELECTRIC	UNK	2,000	1			X			115	NUWCNPT
700	BRIDGE CRANE	UNDERHUNG	WRIGHT	UNK	WIRE	ELECTRIC	UNK	6,000	1			X			115	NUWCNPT
701	BRIDGE CRANE	UNDERHUNG	WRIGHT	3237580	WIRE	ELECTRIC	UNK	6,000	1			X			115	NUWCNPT
706	HOIST	CHAINFALL	CM	622	CHAIN	MANUAL	UNK	1,000	2				X		68	NUWCNPT
707	HOIST	CHAINFALL	CM	622	CHAIN	MANUAL	UNK	1,000	2				X		68	NUWCNPT
720	BRIDGE CRANE	UNDERHUNG	WRIGHT	UNK	WIRE	ELECTRIC	UNK	6,000	1			X			124	NUWCNPT
721	BRIDGE CRANE	UNDERHUNG	SHAW BOX	110110-12	WIRE	ELECTRIC	UNK	4,000	1			X			438	NUWCNPT
722	BRIDGE CRANE	UNDERHUNG	SHAW BOX	110110-12	WIRE	ELECTRIC	UNK	4,000	1			X			438	NUWCNPT
750	JIB	N/A	SHAW BOX	X329530-7	WIRE	ELECTRIC	UNK	10,000	1			X			179	NUWCNPT
752	HOIST	PORTABLE	DUFF LYNX	LHH-2B	CHAIN	MANUAL	UNK	4,000	2				X		POOL	NUWCNPT
788	BRIDGE CRANE	UNDERHUNG	DETROIT	3	WIRE	ELECTRIC	UNK	6,000	1			X			FISHER	NUWCNPT
800	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340631	WIRE	ELECTRIC	UNK	10,000	1			X			1302	NUWCNPT
801	BOOM CRANE	PEDASTAL	IMT	3016	WIRE	HYD ELECTRIC	UNK	6,000	1				X		FISHER	NUWCNPT
802	BRIDGE CRANE	UNDERHUNG	WRIGHT	3235781	WIRE	ELECTRIC	UNK	4,000	1			X			1302	NUWCNPT
803	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340631	WIRE	ELECTRIC	UNK	10,000	1			X			1302	NUWCNPT
804	MONORAIL	ELECTRIC	WRIGHT	UNK	WIRE	ELECTRIC	UNK	2,000	1			X			1302	NUWCNPT
805	BRIDGE CRANE	UNDERHUNG	WRIGHT	UNK	WIRE	ELECTRIC	UNK	4,000	1			X			1302	NUWCNPT
806	MONORAIL	ELECTRIC	WRIGHT	UNK	WIRE	ELECTRIC	UNK	4,000	1			X			1302	NUWCNPT
807	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340331	WIRE	ELECTRIC	UNK	10,000	1			X			1303	NUWCNPT
808	BRIDGE CRANE	UNDERHUNG	WRIGHT	3235781	WIRE	ELECTRIC	UNK	4,000	1			X			1303	NUWCNPT
809	BRIDGE CRANE	UNDERHUNG	WRIGHT	3235781	WIRE	ELECTRIC	UNK	4,000	1			X			1303	NUWCNPT
810	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340331	WIRE	ELECTRIC	UNK	10,000	1			X			1303	NUWCNPT
811	BRIDGE CRANE	TOP RUNNING	SHAW BOX	X112458-8	WIRE	ELECTRIC	UNK	6,000	1			X			POOL	NUWCNPT
812	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340331	WIRE	ELECTRIC	UNK	10,000	1			X			1303	NUWCNPT
813	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340331	WIRE	ELECTRIC	UNK	10,000	1			X			1303	NUWCNPT
814	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340331	WIRE	ELECTRIC	UNK	10,000	1			X			1303	NUWCNPT
815	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340331	WIRE	ELECTRIC	UNK	10,000	1			X			1303	NUWCNPT
816	BRIDGE CRANE	UNDERHUNG	WRIGHT	3340331	WIRE	ELECTRIC	UNK	10,000	1			X			1303	NUWCNPT

817	JIB	CHAINFALL	CHESTER	ZEPHYR	CHAIN	MANUAL	UNK	1,000	1			X			115	NUWCNPT
819	HOIST	PORTABLE	CM	640	CHAIN	MANUAL	UNK	3,000	2				X		1246	NUWCNPT
821	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	2,000	2				X		1246	NUWCNPT
822	HOIST	PORTABLE	WESCO	272164	CHAIN	MANUAL	UNK	2,000	2				X		1246	NUWCNPT
823	HOIST	PORTABLE	WESCO	272164	CHAIN	MANUAL	UNK	2,000	2				X		1246	NUWCNPT
824	HOIST	PORTABLE	WESCO	272164	CHAIN	MANUAL	UNK	2,000	2				X		1246	NUWCNPT
825	HOIST	PORTABLE	RATCLIFF	H-80	CHAIN	MANUAL	UNK	2,000	2				X		1246	NUWCNPT
826	HOIST	FLOOR	ALLTRADE	665-P-2	CHAIN	MANUAL	UNK	4,000	1				X		1246	NUWCNPT
827	HOIST	PORTABLE	BUDGET	BEHC0208	CHAIN	ELECTRIC	UNK	4,000	1			X			1246	NUWCNPT
828	BRIDGE CRANE	UNDERHUNG	SHAW BOX	110110-12	WIRE	ELECTRIC	UNK	4,000	1			X			1245	NUWCNPT
829	MONORAIL	UNDERHUNG	BUDGIT	11584205	CHAIN	ELECTRIC	UNK	500	1			X			1245	NUWCNPT
832	BRIDGE CRANE	UNDERHUNG	ROBBINS & MYER	LC-3-21	WIRE	ELECTRIC	UNK	6,000	1			X			130	NUWCNPT
833	BRIDGE CRANE	UNDERHUNG	ROBBINS & MYER	LC-3-21	WIRE	ELECTRIC	UNK	6,000	1			X			130	NUWCNPT
900	BRIDGE CRANE	UNDERHUNG	WRIGHT	3284181	WIRE	ELECTRIC	UNK	1,000	1			X			1302	NUWCNPT
901	HOIST	ENGINE	RUGER	HP18	CHAIN	MANUAL	UNK	800	1				X		GOULD	NUWCNPT
903	BRIDGE CRANE	UNDERHUNG	WRIGHT	3284181	WIRE	ELECTRIC	UNK	4,000	1			X			1302	NUWCNPT
960	HOIST	CHAINFALL	CM	622	CHAIN	MANUAL	UNK	6,000	2				X		119	NUWCNPT
961	HOIST	COME-A-LONG	COFFING	LSB-1500B	CHAIN	MANUAL	UNK	1,500	2				X		119	NUWCNPT
962	HOIST	COME-A-LONG	COFFING	LSB-1500B	CHAIN	MANUAL	UNK	1,500	2				X		119	NUWCNPT
963	HOIST	COME-A-LONG	COFFING	LSB-B	CHAIN	MANUAL	UNK	3,000	2				X		2	NUWCNPT
964	HOIST	COME-A-LONG	COFFING	LSB-B	CHAIN	MANUAL	UNK	1,500	2				X		119	NUWCNPT
965	HOIST	COME-A-LONG	COFFING	LSB-B	CHAIN	MANUAL	UNK	1,500	2				X		119	NUWCNPT
980	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	4,000	2				X		1371	NUWCNPT
981	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	4,000	2				X		1371	NUWCNPT
982	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	4,000	2				X		1371	NUWCNPT
983	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	4,000	2				X		1371	NUWCNPT
984	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	4,000	2				X		1371	NUWCNPT
985	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	4,000	2				X		1371	NUWCNPT
999	HOIST	ENGINE	CHINA	UNK	CHAIN	MANUAL	UNK	4,000	1				X		123	NUWCNPT
1001	JIB	CHAINFALL	YALE	LTP	CHAIN	MANUAL	UNK	4,000	1			X			179	NUWCNPT
1002	BRIDGE CRANE	MANUAL	CM	622	CHAIN	MANUAL	UNK	1,000	2			X			1245	NUWCNPT
1102	HOIST	PORTABLE	DUFF-NORTON	LMHA	CHAIN	MANUAL	UNK	2,000	2				X		1171	NUWCNPT
1104	HOIST	CHAINFALL	YALE	LTG-D138519	CHAIN	MANUAL	UNK	16,000	1				X		1246	NUWCNPT
1107	MONORAIL	CHAINFALL	CM	R	CHAIN	MANUAL	UNK	4,000	2				X		1258	NUWCNPT
1109	MONORAIL	CHAINFALL	CM	646	CHAIN	MANUAL	UNK	6,000	1				X		1302	NUWCNPT
1110	MONORAIL	ELECTRIC	BUDGIT	S616-3R	CHAIN	ELECTRIC	UNK	4,000	1				X		1319	NUWCNPT
1112	BRIDGE CRANE	TOP RUNNING	YALE	BEW1-32RT227	WIRE	ELECTRIC	UNK	8,000	2				X		1320	NUWCNPT
1114	HOIST	ENGINE	RUGER	HP18	CHAIN	MANUAL	UNK	500	1				X		1170	NUWCNPT
1117	A-FRAME	CHAINFALL	DAYTON	FEL550	CHAIN	ELECTRIC	UNK	4,000	2				X		47	NUWCNPT
1118	A-FRAME	PORTABLE	VESTIL	EC3-E148-U	N/A	MANUAL	UNK	4,000	N/A				X		47	NUWCNPT
1201	HOIST	ENGINE	RUGER	HP18	CHAIN	MANUAL	UNK	500	1				X		114	NUWCNPT
1202	HOIST	FIXED	COFFING	EC-2016-1	CHAIN	ELECTRIC	UNK	2,000	2				X		1320	NUWCNPT
1203	MONORAIL	ELECTRIC	CM	L2	CHAIN	ELECTRIC	UNK	2,000	1				X		1171A	NUWCNPT
1207	BRIDGE CRANE	UNDERHUNG	COFFING	EC-4016-4	CHAIN	ELECTRIC	UNK	4,000	1				X		68	NUWCNPT
1208	BRIDGE CRANE	UNDERHUNG	CM	RR2	CHAIN	ELECTRIC	UNK	4,000	1				X		68	NUWCNPT
1209	BRIDGE CRANE	UNDERHUNG	CM	RR2	CHAIN	ELECTRIC	UNK	4,000	1				X		68	NUWCNPT
1210	MONORAIL	CHAINFALL	CM	L2	CHAIN	ELECTRIC	1997	2,000	1				X		68	NUWCNPT
1211	BRIDGE CRANE	UNDERHUNG	CM	RR2	CHAIN	ELECTRIC	UNK	4,000	1				X		68	NUWCNPT
1212	BRIDGE CRANE	UNDERHUNG	CM	RR2	CHAIN	ELECTRIC	UNK	4,000	1				X		68	NUWCNPT
1213	MONORAIL	ELECTRIC	CM	L2	CHAIN	ELECTRIC	UNK	2,000	1				X		68	NUWCNPT
1214	BRIDGE CRANE	UNDERHUNG	BUDGIT	BEH0116	CHAIN	ELECTRIC	UNK	2,000	2				X		6	NUWCNPT
1216	MONORAIL	ELECTRIC	DAYTON	3Z372B	CHAIN	ELECTRIC	UNK	2,000	2				X		1171B	NUWCNPT
1217	MONORAIL	ELECTRIC	CM	R	CHAIN	ELECTRIC	UNK	4,000	2				X		1171B	NUWCNPT
1218	MONORAIL	ELECTRIC	CM	H	CHAIN	ELECTRIC	UNK	2,000	2				X		1171B	NUWCNPT
1219	MONORAIL	ELECTRIC	CM	R	CHAIN	ELECTRIC	UNK	4,000	1				X		1171B	NUWCNPT
1220	MONORAIL	ELECTRIC	HARRINGTON	ES3B-1516	CHAIN	ELECTRIC	UNK	10,000	1				X		1171B	NUWCNPT
1221	MONORAIL	ELECTRIC	DAYTON	3Z372B	CHAIN	ELECTRIC	UNK	2,000	2				X		1171B	NUWCNPT
1222	BRIDGE CRANE	UNDERHUNG	P&H	231F170	WIRE	ELECTRIC	UNK	6,000	1				X		122	NUWCNPT
1223	JIB	CHAINFALL	COFFING	EC-10008-4	CHAIN	ELECTRIC	UNK	10,000	1				X		1171C	NUWCNPT
1224	JIB	CHAINFALL	COFFING	EC-10008-4	CHAIN	ELECTRIC	UNK	10,000	1				X		1171C	NUWCNPT
1225	JIB	CHAINFALL	COFFING	EC-10008-4	CHAIN	ELECTRIC	UNK	10,000	1				X		1171C	NUWCNPT
1226	JIB	CHAINFALL	COFFING	EC-10008-4	CHAIN	ELECTRIC	UNK	10,000	1				X		1171C	NUWCNPT
1227	BRIDGE CRANE	TOP RUNNING	P&H	44J12D	WIRE	ELECTRIC	UNK	10,000	1				X		1171C	NUWCNPT
1228	BRIDGE CRANE	TOP RUNNING	SHEPARD NILES	2149395	WIRE	ELECTRIC	UNK	50,000	1				X		1171C	NUWCNPT
1229	BRIDGE CRANE	TOP RUNNING	P&H	44J12D	WIRE	ELECTRIC	UNK	10,000	1				X		1171C	NUWCNPT
1230	MONORAIL	ELECTRIC	COFFING	EC-2016-3	CHAIN	ELECTRIC	UNK	2,000	1				X		1319	NUWCNPT
1231	MONORAIL	ELECTRIC	COFFING	EC-2012-3	CHAIN	ELECTRIC	UNK	2,000	1				X		1319	NUWCNPT
1232	MONORAIL	ELECTRIC	CM	B	CHAIN	ELECTRIC	UNK	500	1				X		1176	NUWCNPT
1233	HOIST	ENGINE	RUGER	HP2-A	CHAIN	MANUAL	UNK	600	1				X		1176	NUWCNPT
1236	BRIDGE CRANE	TOP RUNNING	CM	R	CHAIN	ELECTRIC	UNK	4,000	1				X		1251	NUWCNPT
1237	A-FRAME	PORTABLE	SPANCO	UNK	N/A	MANUAL	UNK	4,000	1				X		2	NUWCNPT
1238	HOIST	FIXED	DAYTON	3Z372B	CHAIN	ELECTRIC	UNK	2,000	2				X		1320	NUWCNPT
1239	GANTRY CRANE	TOP RUNNING	HARRINGTON	ES3B-152	CHAIN	ELECTRIC	UNK	16,000	1				X		116	NUWCNPT
1301	HOIST	PORTABLE	JET	205730	CHAIN	MANUAL	UNK	6,000	2				X		114	NUWCNPT
1302	HOIST	PORTABLE	CM	M	CHAIN	MANUAL	UNK	3,000	2				X		114	NUWCNPT
1303	BRIDGE CRANE	UNDERHUNG	YALE	BEW3-20RT1104	WIRE	ELECTRIC	UNK	6,000	1				X		123	NUWCNPT
1304	HOIST	PORTABLE	DUFF LYNX	LHH-2A	CHAIN	MANUAL	UNK	4,000	2				X		123	NUWCNPT
1305	HOIST	PORTABLE	DUFF LYNX	LHH-2A	CHAIN	MANUAL	UNK	4,000	2				X		123	NUWCNPT
1307	JIB	PEDASTAL	CM	R	CHAIN	ELECTRIC	UNK	4,000	1				X		116	NUWCNPT
1308	HOIST	PORTABLE	WESCO	272163	CHAIN	MANUAL	UNK	1,000	2				X		1246	NUWCNPT
1309	HOIST	PORTABLE	WESCO	272166	CHAIN	MANUAL	UNK	4,000	2				X		1246	NUWCNPT
1310	HOIST	CHAINFALL	CM	622	CHAIN	MANUAL	UNK	4,000	2				X		2	NUWCNPT

1311	HOIST	PORTABLE	WESCO	272166	CHAIN	MANUAL	UNK	4,000	2					X	1246	NUWCNPT
1312	HOIST	PORTABLE	WESCO	272166	CHAIN	MANUAL	UNK	4,000	2					X	1246	NUWCNPT
1313	HOIST	PORTABLE	JET	L-90	CHAIN	MANUAL	UNK	20,000	2					X	POOL	NUWCNPT
1314	HOIST	ENGINE	RUGER	HP-1/2	CHAIN	MANUAL	UNK	1,000	1					X	1258	NUWCNPT
1317	HOIST	PORTABLE	CM	WB	CHAIN	ELECTRIC	UNK	500	1					X	1251	NUWCNPT
1318	HOIST	PORTABLE	CM	UNK	CHAIN	ELECTRIC	UNK	600	1					X	1251	NUWCNPT
1319	HOIST	MANUAL	HARRINGTON	242	CHAIN	MANUAL	UNK	4,000	2					X	1251	NUWCNPT
1320	HOIST	PORTABLE	HARRINGTON	CF4242	CHAIN	MANUAL	UNK	4,000	2					X	POOL	NUWCNPT
1321	HOIST	PORTABLE	HARRINGTON	CF4242	CHAIN	MANUAL	UNK	4,000	1					X	1251	NUWCNPT
1322	HOIST	PORTABLE	TUGIT	407	CHAIN	MANUAL	UNK	6,000	2					X	1251	NUWCNPT
1324	HOIST	MANUAL	HARRINGTON	CF4-242	CHAIN	MANUAL	UNK	4,000	2					X	POOL	NUWCNPT
1326	HOIST	PORTABLE	CM	STATE-WHITE	CHAIN	MANUAL	UNK	2,000	2					X	POOL	NUWCNPT
1327	HOIST	ENGINE	RUGER	HP-1/2	CHAIN	MANUAL	UNK	1,000	1					X	1171A	NUWCNPT
1329	A-FRAME	PORTABLE	THERN	5674	N/A	MANUAL	UNK	6,000	1					X	1190	NUWCNPT
1330	HOIST	PORTABLE	YALE	UNK	CHAIN	MANUAL	UNK	2,000	2					X	POOL	NUWCNPT
1333	BRIDGE CRANE	UNDERHUNG	CHESTER	ELM-1535-3	CHAIN	ELECTRIC	UNK	6,000	1			X			179	NUWCNPT
1334	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	POOL	NUWCNPT
1335	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1336	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	1					X	68	NUWCNPT
1337	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	POOL	NUWCNPT
1338	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1339	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	POOL	NUWCNPT
1340	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1341	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1342	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	POOL	NUWCNPT
1343	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1344	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1345	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1346	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	1,000	2					X	68	NUWCNPT
1347	MONORAIL	CHAINFALL	CHESTER	AM	CHAIN	MANUAL	UNK	2,000	1			X			1318	NUWCNPT
1348	HOIST	FIXED	CHESTER	AM	CHAIN	MANUAL	UNK	2,000	2			X			POOL	NUWCNPT
1349	BRIDGE CRANE	TOP RUNNING	ROBBINS & MYER	BC521	WIRE	ELECTRIC	UNK	10,000	1			X			68	NUWCNPT
1350	HOIST	ENGINE	DAYTON	3ZC72	CHAIN	MANUAL	UNK	2,000	1					X	2	NUWCNPT
1351	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	2,000	2					X	POOL	NUWCNPT
1352	BRIDGE CRANE	TOP RUNNING	CHESTER	AM	CHAIN	MANUAL	UNK	6,000	2			X			1176	NUWCNPT
1353	HOIST	FIXED	CM	RT	CHAIN	ELECTRIC	UNK	6,000	2			X			1302	NUWCNPT
1354	HOIST	ENGINE	DAYTON	3ZC72	CHAIN	MANUAL	UNK	2,000	1					X	6	NUWCNPT
1356	A-FRAME	CHAINFALL	SPANCO	3515125/LRG21	N/A	MANUAL	UNK	6,000	1			X			6	NUWCNPT
1402	MONORAIL	HOIST	COFFING	EC3E-101-PMO	CHAIN	ELECTRIC	UNK	6,000	1			X			1346	NUWCNPT
1403	BOOM CRANE	HYDRAULIC	COASTAL	CTA-7-2-30	WIRE	ELECTRIC	UNK	14,000	1				X		68	NUWCNPT
1405	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	2,000	2					X	POOL	NUWCNPT
1407	HOIST	PORTABLE	CM	UNK	CHAIN	MANUAL	UNK	600	2					X	1251	NUWCNPT
1408	HOIST	PORTABLE	CM	640	CHAIN	MANUAL	UNK	3,000	2					X	1190	NUWCNPT
1410	HOIST	ENGINE	JET	JHC200C	CHAIN	MANUAL	UNK	4,000	1					X	4	NUWCNPT
2006	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	2,000	2			X			68	NUWCNPT
2007	MONORAIL	CHAINFALL	CHESTER	N/A	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
2008	GANTRY CRANE	CHAINFALL	B.E. WALLACE	M650F28-15	CHAIN	MANUAL	UNK	2,000	1			X			113	NUWCNPT
3121	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
3122	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
3123	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
3124	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
3125	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
3126	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
3127	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			1371	NUWCNPT
3128	HOIST	MANUAL	HARRINGTON	CF4851	CHAIN	MANUAL	UNK	2,000	1			X			68	NUWCNPT
3129	HOIST	MANUAL	CM	HURRICANE	CHAIN	MANUAL	UNK	2,000	1			X			68	NUWCNPT
3130	A-FRAME	PORTABLE	B.E. WALLACE	R3-282	CHAIN	MANUAL	UNK	2,000	N/A			X			IP	NUWCNPT
3131	HOIST	PORTABLE	OZ LIFTING PROD	0Z005-30	CHAIN	MANUAL	UNK	1,000	2			X			IP	NUWCNPT
3135	HOIST	PORTABLE	DAYTON	LITTLE MULE F	CHAIN	ELECTRIC	UNK	2,000	2					X	68	NUWCNPT
3136	HOIST	MANUAL	HARRINGTON	CF-4	CHAIN	MANUAL	UNK	6,000	2					X	1246	NUWCNPT
3137	A-FRAME	PORTABLE	B.E.WALLACE	SGT 12-155	N/A	MANUAL	UNK	6,000	N/A					X	1246	NUWCNPT
3138	A-FRAME	PORTABLE	VESTIL	AH5-6-15-14	N/A	MANUAL	UNK	6,000	N/A					X	68	NUWCNPT
3139	BRIDGE CRANE	MANUAL	CONCO CRANE	N/A	CHAIN	MANUAL	UNK	1,000	1					X	1245	NUWCNPT
3146	HOIST	CHAINFALL	SHOP LINE	SMH-IT	CHAIN	MANUAL	UNK	2,000	2			X			6	NUWCNPT
3149	HOIST	CHAINFALL	COFFING	LHH	CHAIN	MANUAL	UNK	4,000	1					X	4	NUWCNPT
3150	HOIST	PORTABLE	COFFING	LHH-1/2B	CHAIN	MANUAL	UNK	1,000	1					X	2	NUWCNPT
3151	HOIST	PORTABLE	COFFING	LHH-1/2B	CHAIN	MANUAL	UNK	1,000	1					X	2	NUWCNPT
3152	HOIST	PORTABLE	COFFING	LHH-1/2B	CHAIN	MANUAL	UNK	1,000	1					X	2	NUWCNPT
3153	HOIST	PORTABLE	COFFING	LHH-1/2B	CHAIN	MANUAL	UNK	1,000	1					X	2	NUWCNPT
3154	HOIST	MANUAL	COFFING	RA30-3	CHAIN	MANUAL	UNK	9,000	2					X	1246	NUWCNPT
3155	HOIST	MANUAL	WESCO	272166	CHAIN	MANUAL	UNK	4,000	2					X	1246	NUWCNPT
3156	MONORAIL	MANUAL	CONCO CRANE	N/A	N/A	MANUAL	UNK	6,000	N/A					X	119	NUWCNPT
3157	BRIDGE CRANE	MANUAL	CONCO CRANE	N/A	WIRE	MANUAL	UNK	6,000	1			X			119	NUWCNPT
3159	MONORAIL	UNDERHUNG	CLEVELAND	UNK	N/A	MANUAL	UNK	2,000	N/A					X	149	NUWCNPT
3160	PAD EYE	ROOF MOUNT	SHOP FABRICATE	PAD EYE	N/A	MANUAL	UNK	2,000	N/A					X	68	NUWCNPT
3161	PAD EYE	ROOF MOUNT	SHOP FABRICATE	PAD EYE	N/A	MANUAL	UNK	2,000	N/A					X	68	NUWCNPT
3163	HOIST	PORTABLE	CM	PULLER	CHAIN	MANUAL	UNK	3,000	2					X	POOL	NUWCNPT
13163	HOIST	PORTABLE	HARRINGTON	L5A724	CHAIN	MANUAL	UNK	3,000	2					X	6	NUWCNPT
13164	HOIST	PORTABLE	HARRINGTON	L5A728	CHAIN	MANUAL	UNK	3,000	2					X	6	NUWCNPT
13165	HOIST	PORTABLE	HARRINGTON	L5A732	CHAIN	MANUAL	UNK	3,000	2					X	6	NUWCNPT
13166	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	4,000	2					X	6	NUWCNPT
13167	HOIST	PORTABLE	CM	622	CHAIN	MANUAL	UNK	4,000	2					X	6	NUWCNPT