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Department of  
Labor *and*  
Industry

# OCCUPATIONAL WAGE SURVEY

MAINE

1966

JAN 1 1 1968







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# OCCUPATIONAL WAGE SURVEY 1966

prepared by

Division of Research & Statistics  
W. C. Weeks, Director  
Department of Labor and Industry  
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# OCCUPATIONAL WAGE SURVEY INTRODUCTION

This publication is the tabulation of the results of a wage survey of selected manufacturing establishments employing twenty-five or more workers in the State of Maine. The following industries were surveyed:

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Apparel                    | 8. Lumber & Wood Products        |
| 2. Chemical                   | 9. Machinery & Ordnance          |
| 3. Electrical Machinery       | 10. Paper & Allied Products      |
| 4. Fabricated Metals          | 11. Printing & Publishing        |
| 5. Food & Kindred Products    | 12. Rubber & Plastics            |
| 6. Furniture & Fixtures       | 13. Stone, Clay & Glass Products |
| 7. Leather & Leather Products | 14. Textile                      |
| 15. Transportation Equipment  |                                  |

Wage surveys were mailed to four hundred fifty-seven selected establishments and returns were received from 98.9% of those surveyed. The useable returns from four hundred thirty-three firms were analyzed and the information contained in this report is the result of a statistical analysis of the wage rates of 32,650 workers.

Office, maintenance, and custodial positions were selected to cover all the industries surveyed, and job descriptions were written for these occupations. Production positions were selected for each major industry, and descriptions were written for nine of the more common occupations. It was realized that the occupations selected for the survey would not be apropos to all establishments, but the selection was made on the basis of being applicable to a majority of the companies in this State and at the same time cover the subordinate industrial groups.

Because of the relatively small number of establishments, and the diversity of operations, the coverage for certain industries is limited.

This publication includes both the industrial wage rates for selected occupations and the descriptions of these occupations. The wage rate information is for the week ending September 24, 1966, and is published by major industry for the entire State. All wage information will be revised on an annual basis.

All information received from firms in this State has been and will be held in the strictest confidence, and no information will be released except in a composite form. It has been intended that the identity of individual firms and employers should be lost in the summarization and analysis of the data prior to the publication of wage rate information.

In an effort to cooperate with the Department of Economic Development and its endeavor to attract new industry to this State, the Research and Statistics Division of the Department of Labor and Industry will, as far as time and staff permit, supply more detailed wage information relative to specific industries and areas.



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## DEFINITIONS

**MEAN HOURLY WAGE** - The weighted average hourly wage paid to workers in a selected occupation. It is computed by multiplying the number of workers by the wage rate received and dividing the sum of the resulting products by the total number of workers.

**MEDIAN HOURLY WAGE** - The hourly wage of a worker that neither exceeds nor is exceeded by more than half of the total number of workers. It can be said that half of the workers receive more than median hourly wage and half of the workers receive less than the median hourly wage.



# OCCUPATIONAL WAGE RATES



## APPAREL INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant	4	\$ 1.500	\$ 2.208	\$ 2.290	\$ 2.750
General Clerk	46	1.250	1.567	1.500	2.200
Payroll Clerk	16	1.350	1.616	1.525	2.200
Secretary	11	1.400	1.798	1.750	2.200
MAINTENANCE					
Maintenance Man	9	1.550	2.411	2.250	3.500
Millwright	5	1.760	2.054	2.210	2.300
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	22	1.250	1.499	1.550	1.800
Shipping and Receiving Clerk	17	1.250	1.576	1.550	2.150
Shipping Clerk	37	1.250	1.654	1.600	2.250
Receiving Clerk	5	1.350	1.700	1.500	2.250
Watchman	15	1.350	1.460	1.450	1.600
PRODUCTION					
Assembler	33	1.250	1.538	1.550	2.100
Buttonhole Maker Machine Opr.	43	1.250	1.592	1.700	2.050
Cutter and Marker	66	1.250	2.171	2.200	3.300
Inspector - Final Examiner	103	1.250	1.610	1.560	2.650
Presser - Finish Machine	177	1.250	1.705	1.731	3.500
Sewing Mach. Opr. - Sec. Sys.	1,754	1.250	1.596	1.557	2.650
Sorter	45	1.250	1.673	1.550	2.650
Spreader	27	1.350	1.726	1.700	2.210
Thread Trimmer	61	1.250	1.476	1.450	2.400



# OCCUPATIONAL WAGE RATES

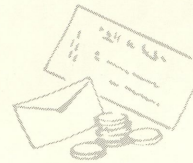


## CHEMICAL INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
General Clerk	14	\$ 1.600	\$ 2.142	\$ 1.950	\$ 3.300
Payroll Clerk	3	1.750	2.063	2.000	2.440
MAINTENANCE					
Carpenter, Maintenance	4	1.450	1.870	2.000	2.030
Electrician, Maintenance	10	1.500	2.065	2.050	2.500
Maintenance Man	76	1.650	2.263	2.180	2.750
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	6	1.250	1.687	1.750	2.070
Truck Driver	9	1.500	1.687	1.750	1.900
PRODUCTION					
Chemical Operator A	40	1.400	2.019	2.025	2.850
Chemical Operator B	44	1.500	1.954	2.050	2.320
Filler Machine Tender	10	1.450	1.811	1.575	2.320
Filterer	30	1.400	1.899	1.850	2.320
Mixer	32	1.350	1.717	1.750	2.450
Shovel Operator	7	1.600	1.779	1.700	2.050
Laborer	432	1.300	1.484	1.450	2.160



# OCCUPATIONAL WAGE RATES



## ELECTRICAL MACHINERY

### INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
General Clerk	40	\$ 1.425	\$ 1.729	\$ 1.725	\$2.006
Payroll Clerk	7	1.625	1.912	1.938	2.160
Secretary	17	1.400	1.926	1.850	3.000
Switchboard Operator - Recept.	5	1.500	1.744	1.625	2.075
MAINTENANCE					
Electrician, Maintenance	3	1.750	2.163	2.020	2.720
Maintenance Man	60	1.550	2.261	2.250	3.170
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	20	1.400	1.659	1.650	1.860
Shipping and Receiving Clerk	4	1.900	1.968	1.960	2.050
Shipping Clerk	7	1.450	2.000	1.800	3.100
Receiving Clerk	8	1.530	1.990	1.775	3.070
PRODUCTION					
Assembler, Class B	296	1.400	1.590	1.550	2.200
Assembler, Class C	468	1.250	1.626	1.620	2.150
Coil Winder	229	1.300	1.677	1.720	1.720
Inspector, Class A	9	1.450	1.987	1.600	4.180
Inspector, Class B	11	1.500	1.832	1.830	2.310
Inspector, Class C	57	1.450	1.803	1.830	1.830
Solderer	22	1.450	1.742	1.720	2.150



# OCCUPATIONAL WAGE RATES



## FABRICATED METALS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	12	\$ 1.710	\$ 2.803	\$ 2.500	\$ 5.000
General Clerk	21	1.380	1.801	1.750	2.625
Payroll Clerk	6	1.500	1.921	1.875	2.625
Secretary	15	1.380	1.922	1.850	3.500
Stenographer, General	6	1.625	1.738	1.675	2.000
Switchboard Operator - Recept.	6	1.400	1.747	1.665	2.125
MAINTENANCE					
Carpenter, Maintenance	8	1.700	2.234	2.125	3.295
Electrician, Maintenance	10	2.475	2.981	2.650	3.566
Maintenance Man	13	1.550	2.367	2.650	3.000
Millwright	13	2.120	2.906	2.470	3.484
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	11	1.250	1.914	1.940	2.570
Shipping and Receiving Clerk	17	1.450	1.915	1.970	2.450
Shipping Clerk	10	1.250	2.162	2.175	3.485
Truck Driver	39	1.750	2.321	2.220	2.910
PRODUCTION					
Burner	17	2.100	2.538	2.600	2.650
Crane Operator	37	2.000	2.380	2.380	2.650
Fabricator	141	1.600	2.460	2.400	4.000
Grinder	9	1.620	2.183	2.100	2.650
Lay Out Man	47	2.000	2.647	2.650	3.010
Sheet Metal Machine Operator (Misc. Machines)	94	1.450	2.005	2.100	2.650
Sheet Metal Worker (Production)	66	1.770	2.560	2.370	3.650
Welder	142	1.500	2.468	2.500	3.650
Laborer	129	1.350	1.930	1.870	2.475



# OCCUPATIONAL WAGE RATES



## FOOD AND KINDRED PRODUCTS INDUSTRY

### OFFICE

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
Accountant, General	66	\$ 1.250	\$ 2.766	\$ 2.625	\$ 5.170
General Clerk	253	1.250	1.723	1.600	3.400
Payroll Clerk	55	1.250	1.829	1.625	2.900
Secretary	35	1.500	2.115	2.140	3.000
Stenographer, General	16	1.250	1.717	1.626	2.725
Switchboard Operator - Recept.	21	1.300	1.620	1.550	2.050
Tabulating Machine Operator	14	1.600	2.137	1.900	3.750

### MAINTENANCE

Carpenter, Maintenance	41	1.350	2.045	1.960	4.375
Electrician, Maintenance	52	1.500	2.082	2.028	3.263
Maintenance Man	348	1.325	2.099	2.000	3.800
Millwright	43	1.500	1.790	1.500	3.480

### CUSTODIAL AND MATERIAL MOVEMENT

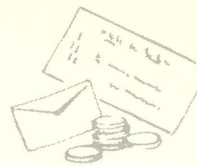
Janitor	132	1.250	1.840	1.685	3.015
Shipping and Receiving Clerk	73	1.250	1.853	1.800	2.700
Shipping Clerk	120	1.250	2.089	2.205	4.375
Receiving Clerk	50	1.450	1.851	1.650	3.500
Truck Driver	143	1.250	1.891	1.830	2.640
Watchman	47	1.250	1.715	1.700	2.560

### PRODUCTION

Blanching Machine Operator	49	1.250	1.538	1.500	2.820
Cold Storage Man	177	1.250	1.649	1.600	3.065
Cutter	968	1.250	1.559	1.500	3.250
Flaker	32	1.250	1.305	1.250	1.500
Mixer	136	1.250	1.903	1.685	2.991
Packer	1,931	1.250	1.557	1.500	3.350
Pasteurizer	15	1.600	2.156	2.000	3.400
Retort Operator	42	1.250	1.637	1.500	2.385
Sealer	243	1.250	1.407	1.250	2.490



# OCCUPATIONAL WAGE RATES



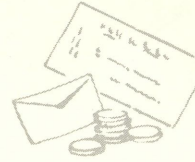
## FURNITURE AND FIXTURES

### INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
General Clerk	12	\$ 1.350	\$ 1.825	\$ 1.725	\$ 2.530
Payroll Clerk	3	1.700	1.780	1.750	1.890
Switchboard Operator - Recept.	3	1.500	1.583	1.500	1.750
MAINTENANCE					
Maintenance Man	10	1.750	2.062	1.840	3.060
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	4	1.350	1.473	1.510	1.520
Shipping Clerk	6	1.500	2.007	1.950	2.770
Truck Driver	6	1.600	1.670	1.660	1.750
Watchman	29	1.350	1.542	1.500	1.750
PRODUCTION					
Assembler	50	1.350	1.794	1.610	2.370
Belt Sander	14	1.350	1.609	1.525	1.900
Cut-Off Saw Operator	14	1.450	1.679	1.675	2.100
Drill Press Operator	12	1.400	1.510	1.500	1.700
Hand Rubber	31	1.350	1.524	1.560	1.750
Lathe Hand, Automatic	8	1.500	1.711	1.715	1.950
Packer	18	1.350	1.528	1.525	1.800
Sprayer	21	1.350	1.697	1.720	2.440
Laborer	139	1.300	1.491	1.450	1.850



# OCCUPATIONAL WAGE RATES



## LEATHER AND LEATHER PRODUCTS INDUSTRY

### OFFICE

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
Accountant, General	70	\$ 1.250	\$ 2.314	\$ 2.050	\$ 5.625
General Clerk	396	1.250	1.511	1.450	2.600
Payroll Clerk	327	1.250	1.518	1.450	2.500
Secretary	44	1.350	1.857	1.750	3.000
Stenographer, General	34	1.250	1.558	1.500	2.500
Switchboard Operator - Recept.	61	1.250	1.504	1.500	2.000
Tabulating Machine Operator	38	1.250	1.559	1.525	2.130

### MAINTENANCE

Carpenter, Maintenance	42	1.250	1.879	1.795	3.500
Electrician, Maintenance	33	1.500	2.282	2.200	3.750
Maintenance Man	201	1.250	2.043	1.900	5.000
Millwright	7	2.000	2.626	2.350	4.125

### CUSTODIAL AND MATERIAL MOVEMENT

Janitor	88	1.250	1.419	1.335	2.030
Shipping and Receiving Clerk	126	1.250	1.672	1.585	4.375
Shipping Clerk	142	1.250	1.688	1.655	3.000
Receiving Clerk	41	1.250	1.782	1.680	2.700
Truck Driver	72	1.400	1.882	1.750	3.625
Watchman	121	1.220	1.445	1.400	3.000

### PRODUCTION

Cementer - Machine	202	1.250	1.755	1.660	3.700
Cutter	954	1.250	2.369	2.400	4.900
Laster - Pull Over Machine (Goodyear Welt)	135	1.250	2.537	2.580	5.000
Stitcher	3,823	1.250	1.756	1.750	4.170
Sprayer	194	1.250	1.819	1.585	3.500
Dresser	201	1.250	1.954	1.830	3.610
Sorter	87	1.250	2.036	1.930	3.250
Tanner	44	1.300	2.103	2.000	3.250
Tacker	108	1.250	2.284	2.250	3.280

# OCCUPATIONAL WAGE RATES



## LUMBER AND WOOD PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	27	\$ 1.350	\$ 2.386	\$ 2.250	\$ 4.500
General Clerk	98	1.250	1.690	1.680	2.480
Payroll Clerk	35	1.250	1.713	1.710	2.300
Secretary	44	1.350	1.814	1.755	2.750
Stenographer, General	13	1.350	1.899	1.860	2.640
Switchboard Operator - Recept.	6	1.450	1.711	1.695	2.000
MAINTENANCE					
Carpenter, Maintenance	68	1.250	2.035	2.000	2.500
Electrician, Maintenance	38	1.550	2.071	2.000	2.640
Maintenance Man	131	1.250	1.877	1.800	3.750
Millwright	65	1.400	2.164	2.140	4.250
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	34	1.250	1.497	1.500	1.900
Shipping and Receiving Clerk	29	1.250	1.764	1.650	2.840
Shipping Clerk	32	1.450	1.766	1.730	2.300
Receiving Clerk	7	1.600	1.787	1.710	2.300
Truck Driver	134	1.250	1.689	1.690	2.500
Watchman	142	1.250	1.515	1.500	2.090
PRODUCTION					
Band Saw Operator	93	1.250	1.737	1.650	2.750
Bolter	68	1.300	1.764	1.795	2.200
Circular Saw Operator	215	1.250	1.604	1.530	3.000
Dry Kiln Operator	16	1.600	1.951	1.900	2.480
Lathe Operator	272	1.250	1.587	1.580	2.380
Lumber Handler	414	1.250	1.546	1.550	2.040
Sander	80	1.250	1.454	1.400	2.000
Sorter	208	1.250	1.513	1.490	2.500
Tumbler Operator	35	1.250	1.597	1.600	1.850



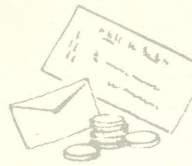
# OCCUPATIONAL WAGE RATES



## MACHINERY AND ORDNANCE INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	9	\$ 1.950	\$ 2.904	\$ 2.610	\$ 4.250
General Clerk	81	1.340	1.734	1.650	3.130
Payroll Clerk	6	1.570	2.147	2.125	2.820
Secretary	20	1.800	2.147	2.170	2.900
Stenographer, General	14	1.400	1.806	1.760	2.400
Switchboard Operator - Recept.	6	1.400	1.733	1.790	1.910
Tabulating Machine Operator	9	1.390	1.574	1.600	1.900
MAINTENANCE					
Carpenter, Maintenance	9	2.100	2.453	2.650	2.660
Electrician, Maintenance	18	1.840	2.394	2.430	3.120
Maintenance Man	19	1.500	2.517	2.600	2.870
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	13	1.350	1.749	1.710	2.080
Shipping and Receiving Clerk	9	1.400	2.008	2.000	3.050
Shipping Clerk	11	1.400	2.003	1.900	2.820
Receiving Clerk	5	2.000	2.410	2.250	2.980
Truck Driver	16	1.360	2.094	2.240	2.600
Watchman	8	1.400	1.964	2.005	2.280
PRODUCTION					
Drill Operator	126	1.500	1.880	1.700	2.870
Expeditor	15	1.875	2.134	2.170	2.500
Grinder - Machine Operator	102	1.700	1.913	1.770	2.870
Machinist	170	1.500	2.458	2.500	2.870
Milling Machine Operator	91	1.700	1.898	1.820	2.280
Polisher	14	1.600	1.958	1.940	2.230
Toolmaker	42	2.340	2.694	2.750	3.130
Welder	117	1.500	2.174	2.150	2.870

# OCCUPATIONAL WAGE RATES

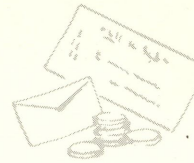


## PAPER AND ALLIED PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	57	\$ 1.892	\$ 2.924	\$ 2.875	\$ 3.880
General Clerk	331	1.395	2.341	2.350	3.490
Payroll Clerk	44	1.600	2.524	2.425	3.830
Secretary	83	1.400	2.400	2.455	3.125
Stenographer, General	52	1.500	2.144	2.180	2.680
Switchboard Operator - Recept.	23	1.585	2.137	2.220	3.012
Tabulating Machine Operator	16	1.986	2.390	2.244	3.310
MAINTENANCE					
Carpenter, Maintenance	133	2.060	3.071	3.070	3.630
Electrician, Maintenance	268	2.010	3.035	3.070	3.720
Maintenance Man	454	1.450	2.750	2.790	3.430
Millwright	335	2.240	2.874	2.970	3.720
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	140	1.250	2.198	2.270	2.520
Shipping and Receiving Clerk	22	1.980	2.460	2.450	3.282
Shipping Clerk	26	1.500	2.340	2.435	3.130
Receiving Clerk	16	1.500	2.261	2.385	2.980
Truck Driver	148	1.395	2.202	2.340	2.650
Watchman	109	1.500	2.282	2.340	2.660
PRODUCTION					
Back Tender	319	2.020	3.209	3.141	5.060
Barker - Drum	54	1.760	2.159	2.110	2.750
Beater Man	212	1.780	2.648	2.600	4.090
Bleacher Man	56	1.780	2.521	2.525	3.040
Calender Opr. (Super Calender)	140	1.780	2.807	2.950	3.190
Grinderman	232	1.860	2.483	2.480	3.040
Paper Machine Tender	332	1.780	3.432	3.490	5.390
Paper Tester	144	1.790	2.536	2.535	2.930
Pulp Tester	93	1.960	2.349	2.400	2.690



# OCCUPATIONAL WAGE RATES



## PRINTING AND PUBLISHING

### INDUSTRY

#### OFFICE

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
Accountant, General	11	\$ 2.000	\$ 3.050	\$ 3.000	\$ 4.150
General Clerk	111	1.250	1.740	1.760	2.730
Payroll Clerk	9	1.570	2.065	1.950	3.000
Secretary	25	1.420	2.083	2.050	3.000
Switchboard Operator - Recept.	15	1.300	1.807	1.975	2.220

#### MAINTENANCE

Electrician, Maintenance	4	1.800	2.797	2.931	3.525
Maintenance Man	8	2.140	3.011	3.000	3.775

#### CUSTODIAL AND MATERIAL MOVEMENT

Janitor	38	1.250	1.754	1.790	2.136
Shipping and Receiving Clerk	12	1.250	1.623	1.450	2.300
Truck Driver	6	1.450	1.713	1.675	2.130

#### PRODUCTION

Artist	25	1.500	2.541	2.400	5.400
Bindery Operator	87	1.250	1.718	1.670	3.360
Compositor	211	1.250	3.115	3.493	3.710
Lithographer	11	1.850	2.808	2.640	4.000
Linotype Operator	94	1.600	3.021	3.170	3.570
Photographer	26	1.500	2.749	2.785	3.970
Pressman	129	1.250	2.583	2.450	3.570
Proof Reader	51	1.300	2.056	2.200	2.580
Stereotyper	33	2.010	3.259	3.413	3.616

# OCCUPATIONAL WAGE RATES



## RUBBER AND PLASTICS

### INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	12	\$ 1.920	\$ 3.062	\$ 2.900	\$ 4.125
General Clerk	44	1.250	1.568	1.500	2.500
Payroll Clerk	12	1.250	1.546	1.525	1.950
Secretary	10	1.550	1.842	1.815	2.150
Stenographer, General	4	1.500	1.660	1.570	2.000
Switchboard Operator - Recept.	4	1.400	1.620	1.615	1.700
MAINTENANCE					
Carpenter, Maintenance	6	1.500	2.195	2.350	2.560
Electrician, Maintenance	9	1.900	2.292	2.300	2.900
Maintenance Man	17	1.575	2.077	1.960	3.000
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	8	1.450	1.594	1.625	1.700
Shipping and Receiving Clerk	5	1.700	1.898	1.850	2.240
Shipping Clerk	8	1.450	1.616	1.600	1.900
Receiving Clerk	5	1.700	1.996	1.900	2.240
Truck Driver	10	1.360	1.815	1.860	2.240
Watchman	9	1.250	1.360	1.350	1.500
PRODUCTION					
Buffer	27	1.400	1.723	1.750	2.600
Driller	11	1.400	1.516	1.400	2.160
Finisher	157	1.350	1.517	1.410	2.400
Packer	40	1.313	1.517	1.450	1.950
Laborer	161	1.250	1.607	1.600	2.750



# OCCUPATIONAL WAGE RATES



## STONE, CLAY AND GLASS PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	3	\$ 2.000	\$ 2.320	\$ 2.120	\$ 2.840
General Clerk	17	1.250	1.914	1.880	2.600
Payroll Clerk	4	1.500	2.028	2.055	2.500
Secretary	5	1.500	1.768	1.870	2.000
Stenographer, General	3	1.600	1.690	1.660	1.810
Switchboard Operator - Recept.	3	1.500	1.643	1.680	1.750
MAINTENANCE					
Carpenter, Maintenance	10	1.500	2.267	2.350	2.750
Maintenance Man	22	1.600	2.076	2.000	2.700
CUSTODIAL AND MATERIAL MOVEMENT					
Truck Driver	121	1.350	1.715	1.700	2.760
PRODUCTION					
Brickmaker	15	1.850	2.793	3.000	3.000
Bulldozer Operator	12	1.500	1.933	1.950	2.250
Crane Operator	19	1.520	2.137	2.330	2.400
Crusher Operator	13	1.550	1.847	1.750	2.500
Fork Lift Operator	14	1.560	1.746	1.610	2.260
Pneumatic Drill Operator	16	1.520	1.976	1.935	3.110
Shovel Operator	16	1.750	2.108	2.000	2.500
Laborer	215	1.300	1.658	1.600	2.250

# OCCUPATIONAL WAGE RATES



## TEXTILE INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	18	\$ 1.600	\$ 2.316	\$ 2.185	\$ 3.635
General Clerk	189	1.190	1.701	1.650	3.500
Payroll Clerk	73	1.250	1.687	1.690	2.400
Secretary	19	1.375	1.863	1.725	2.680
Stenographer, General	12	1.190	1.727	1.750	2.000
Switchboard Operator - Recept.	14	1.250	1.683	1.621	2.035
Tabulating Machine Operator	25	1.300	1.896	1.750	3.863
MAINTENANCE					
Carpenter, Maintenance	54	1.400	1.992	2.125	2.450
Electrician, Maintenance	54	1.500	2.159	2.150	3.750
Maintenance Man	172	1.300	1.933	1.885	3.846
Millwright	31	1.530	1.943	1.970	2.750
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	77	1.250	1.569	1.600	1.850
Shipping and Receiving Clerk	45	1.350	1.837	1.770	3.846
Shipping Clerk	37	1.250	1.781	1.755	2.300
Receiving Clerk	12	1.600	2.005	1.904	2.570
Truck Driver	37	1.480	1.852	1.855	3.130
Watchman	99	1.400	1.683	1.730	2.360
PRODUCTION					
Battery Hand	445	1.300	1.635	1.650	2.490
Card Tender	340	1.350	1.656	1.650	3.180
Doffer	242	1.250	1.751	1.790	2.520
Dye-Machine Tender	164	1.400	1.673	1.590	2.500
Loom Fixer	352	1.650	2.331	2.350	2.900
Mender, Cloth	300	1.250	1.667	1.620	2.530
Percher	211	1.250	1.667	1.665	2.015
Spinner - Frames	697	1.425	1.827	1.770	2.500
Weaver	762	1.250	2.166	2.150	2.850



# OCCUPATIONAL WAGE RATES



## TRANSPORTATION EQUIPMENT

### INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	6	\$ 1.650	\$ 2.887	\$ 3.000	\$ 3.820
General Clerk	31	1.400	1.628	1.625	1.970
Payroll Clerk	3	1.500	2.083	2.250	2.500
Secretary	20	1.450	2.051	2.000	2.750
Stenographer, General	6	1.500	1.773	1.755	2.028
MAINTENANCE					
Carpenter, Maintenance	33	1.750	2.082	2.000	2.540
Electrician, Maintenance	28	1.640	2.203	2.245	2.750
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	7	1.650	1.887	2.010	2.130
Shipping and Receiving Clerk	5	1.390	1.928	2.050	2.250
Shipping Clerk	6	1.460	2.098	2.195	2.640
Receiving Clerk	11	1.700	2.150	2.100	2.640
Truck Driver	8	1.800	2.174	2.225	2.640
PRODUCTION					
Drill Press Operator	36	1.390	1.814	1.640	2.650
Grinder Machine Operator	16	1.990	2.414	2.520	2.650
Joiner	85	1.400	1.729	1.600	2.750
Machinist	224	1.640	2.347	2.470	2.750
Painter	27	1.750	2.091	2.000	2.640
Tool and Dye Maker	27	2.000	2.618	2.750	3.000
Turret Lathe Operator	37	1.390	2.136	2.090	2.650
Laborer	89	1.500	1.867	1.890	2.200





# OCCUPATIONAL DESCRIPTIONS

## OFFICE EMPLOYEES

### ACCOUNTANT, GENERAL

Devises, installs and supervises operation of general accounting, budget and cost systems. Balances books periodically and prepares statements for administrative officers, showing items such as receipts, disbursements, expenses, and profit and loss. Interprets accounts and records for administrative officers.

### GENERAL CLERK

Performs any combination of the following or similar clerical duties such as keeping simple records and reports, filing, making out bills, answering telephone, and addressing outgoing mail. May also type or operate simple office machines.

### PAYROLL CLERK

Computes wages of company employees and posts to payroll sheets. May make out pay checks and assist paymaster in making up and distributing pay checks.

### SECRETARY

Performs secretarial and clerical duties for a superior in an administrative or executive position.

### STENOGRAPHER, GENERAL

Primary duty is to take dictation from one or more persons, either in shorthand or by Stenotype or similar machine.

### SWITCHBOARD OPERATOR-RECEPTIONIST

In addition to performing duties of operator, on a single position or monitor-type switchboard, acts as receptionist and may also type or perform routine clerical work as part of regular duties.

### TABULATING-MACHINE OPERATOR

Operates machine that automatically analyzes and translates information punched in groups of tabulating cards and prints translated data on forms or accounting records; sets or adjusts machine; does simple wiring of control panels according to established practice or diagrams.

## MAINTENANCE EMPLOYEES

### CARPENTER, MAINTENANCE

Performs the carpentry duties necessary to construct and maintain in good repair building woodwork and equipment primarily made of wood.

### ELECTRICIAN, MAINTENANCE

Performs a variety of electrical trade functions such as the installation, maintenance, or repair of equipment for the generation, distribution, or utilization of electric energy.

### MAINTENANCE MAN

Keeps the machines, mechanical equipment and the physical structure of an establishment in good repair and working order, performing a wide variety of maintenance duties.

### MILLWRIGHT

Installs new machines or heavy equipment and dismantles and installs machines or heavy equipment when changes in the plant layout are required.

## CUSTODIAL AND MATERIAL MOVEMENT EMPLOYEES

### JANITOR, PORTER, OR CLEANER (Sweeper; charwoman; janitress)

Cleans and keeps in an orderly condition the establishment.

### SHIPPING AND RECEIVING CLERK

Prepares merchandise for shipment, or receives and is responsible for incoming shipments of merchandise or other materials. Shipping work involves: A knowledge of shipping procedures, practices, routes, available means of transportation and rates; and preparing records of the goods shipped, making up bills of lading, posting weight and shipping charges, and keeping a file of shipping records. May direct or assist in preparing the merchandise for shipment. Receiving work involves: Verifying or directing others in verifying the correctness of shipments against bills of lading, invoices, or other records; checking for shortages and rejecting damaged goods; routing merchandise or materials to proper departments; maintaining necessary records and files.

# OCCUPATIONAL DESCRIPTORS

## CUSTODIAL AND MATERIAL MOVEMENT EMPLOYEES

### SHIPPING CLERK

Prepares merchandise for shipment. Work involves a knowledge of shipping procedures, practices, routes, available means of transportation and rates; and preparing records of the goods shipped, making up bills of lading, posting weight and shipping charges, and keeping a file of shipping records.

### RECEIVING CLERK

Receives and is responsible for incoming shipments of merchandise or other materials. Work involves verifying, or directing others in verifying the correctness of shipments against bills of lading, invoices or other records, checking for shortages and rejecting damaged goods, routing merchandise or materials to proper departments, maintaining necessary records and files.

### TRUCK DRIVER

Drives a truck within a city or industrial area to transport materials, merchandise, equipment, or men between various types of establishments such as manufacturing plants, freight depots, warehouses, wholesale and retail establishments, or between retail establishments and customers' houses or places of business. May also load or unload truck with or without helpers, make minor mechanical repairs, and keep truck in good working order. Driver-salesmen and over-the-road drivers have been excluded.

### WATCHMAN

Makes rounds of premises periodically in protecting industrial plant, warehouse, or other property against fire, theft, and illegal entry. May fire boilers.



# OCCUPATIONAL DESCRIPTORS

## Production Employees



### APPAREL INDUSTRY

#### ASSEMBLER

Collects, matches, and bundles identical cut-out garment parts, or parts to be sewn together to form completed garment.

#### BUTTONHOLE MAKER - MACHINE OPERATOR

Operates a buttonhole machine that automatically cuts and stitches buttonholes in garments or garment parts.

#### CUTTER AND MARKER

Marks the outlines of various garment parts on a ply of fabrics and cuts out parts with shears, hand knife, or powered cutting machine.

#### INSPECTOR - FINAL EXAMINER

Examines and inspects completed garments prior to pressing or shipping.

#### PRESSER - FINISH MACHINE

Performs with a pressing machine the final pressing operations on completed garments.

#### SEWING MACHINE OPERATOR - SECTION SYSTEM

Uses a standard or special purpose sewing machine to perform the sewing operations required in making parts of garments, joining various sections together, or in attaching previously completed parts to partially completed garments but does not construct the entire garment.

#### SORTER

Removes garments from storage racks or bins and folds them for shipment.

#### SPREADER

Spreads multiple layers of cloth smoothly and evenly one upon the other on a cutting table by hand or with the aid of a spreading machine.

#### THREAD TRIMMER

Trims loose thread ends and seam edges of garments with scissors and pulls bastings, etc., prior to pressing or packing.

### CHEMICAL INDUSTRY

#### CHEMICAL OPERATOR A

Operates or directs a chemical process comprising one or several types of chemical equipment where the reaction involves physical and/or chemical changes with-  
in highly critical, pressure, vacuum and/or temperature limits determining proper proportions of materials according to formulae or specifications; making necessary calculations; setting and regulating controls for temperature, pressure or flow of materials. Uses measuring and testing equipment to check quality of operation, keeping operational records.

#### CHEMICAL OPERATOR B

Works at assigned equipment or position of a chemical process. May perform any of the duties of the Class A Operator but requires guidance. May operate one type of equipment within relatively broad limits.

#### FILLER MACHINE TENDER

Operates a filling machine. Includes workers who tend filling machines that also cap, close or label the containers.

#### FILTERER

Operates one or more units of filtering equipment used in separating suspended solids from a liquid.

#### MIXER

Operates mixing machines in which component parts (liquid or solids) are blended or mixed in controlled amounts to produce intermediate or finished products.

#### SEWING MACHINE OPERATOR

Primary duty consists of operating a sewing machine.

#### SHOVEL OPERATOR

Excavates or moves materials with a compressed air, diesel, electric, gasoline or steam power shovel.

#### UTILITY OPERATOR

Relieves skilled reactor, still, or compressor operators during rest periods, lunch periods and emergencies.

#### LABORER

One who performs unskilled work.

# OCCUPATIONAL DESCRIPTORS

## Production Employees



### ELECTRICAL MACHINERY INDUSTRY

#### ASSEMBLER - CLASS B

Assembles parts into units or sub-assemblies in accordance with standard and prescribed procedures. Assembles a limited range of standard and familiar products composed of a number of small or medium sized parts requiring some fitting or adjusting.

#### ASSEMBLER - CLASS C

Performs short-cycle repetitive assembling operations.

#### COIL WINDER

Winds armature coils on coil winding machine.

#### INSPECTOR

##### CLASS A

Inspects for quality of product and operations. Uses a variety of precision measuring instruments, interprets drawings and specifications in inspection work on units composed of a larger number of component parts. Responsible for decisions.

##### CLASS B

Inspects for quality of product and operations, where the inspection procedures involve a sequence of inspection operations. Makes routine decisions as to proper fit or performance of some parts.

##### CLASS C

Inspects product by short cycle, repetitive inspection operation, by prescribed standards.

#### SOLDERER

Joins metal parts with solder.

#### TESTER - CLASS B

Tests a variety of products or parts where testing procedures and allowable variations are prescribed, performs repetitive tests which involve a sequence of testing operations, uses precision testing equipment. Responsible for some routine decisions.

#### TESTER - CLASS C

Tests product by short cycle, repetitive testing operations by prescribed standards.

### FABRICATED METALS INDUSTRY

#### BURNER

Sets up and operates gas burning (cutting) equipment that uses acetylene, thermalene, propane, or other appropriate gas to perform metal cutting operations.

#### CRANE OPERATOR

Operates a crane to hoist and move materials, raise and lower heavy weights, and perform other related operations.

#### FABRICATOR

Shapes, finishes and assembles parts of light metal by machine.

#### GRINDER

Sharpens cutting tools, jigs or fixtures by using an abrasive wheel.

#### LAY-OUT MAN

Outlines patterns and marks shapes on structural or other materials for subsequent assembly, bending, cutting, or punching.

#### SHEET-METAL-MACHINE OPERATOR, MISC. MACHINES

Alternately operates several types of sheet-metal-working machines, such as hand power brakes, square and rotary shears, and rolling and forming machines, to bend, cut, and form sheet metal parts. Under supervision, sets up own machines and makes necessary adjustments.

#### SHEET-METAL WORKER, PRODUCTION

Fabricates, assembles, alters, repairs, and installs sheet-metal products.

#### WELDER

Fuses metal parts together by means of an oxyacetylene torch and welding rods or with an electric welding apparatus.



# OCCUPATIONAL DESCRIPTORS *Production Employees*



## LABORER

One who performs unskilled labor.

## FOOD AND KINDRED PRODUCTS INDUSTRY

### BLANCHING MACHINE OPERATOR

Blanches fruits or vegetables with blanching machine. Operates machine and controls water and steam valves. Loads feed chute of machine with fruits or vegetables. May clean blanching machine with hot water.

### COLD STORAGE MAN

Tends refrigerated storage room in which product is stored. May transport by hand truck products to and from the cooler room and stacks and keeps in orderly arrangements.

### CUTTER

Cuts off heads, tails or other parts of fish or fowl. May eviscerate.

### FLAKER

Suspends cleaned fish from poles or places them on flakes (trays) and sets flakes in sun, drying rooms or ovens, or on conveyers leading to drying ovens or packing rooms.

### MIXER

Mixes ingredients by hand or machine.

### PACKER

Places or arranges processed food products in containers. May pour a preservative, such as oil, sirup or vinegar over food and place on container. May weigh filled containers and alter weight of contents to meet guaranteed weight.

### PASTEURIZER

Regulates the pasteurization process of fluid milk and cream.

### RETORT OPERATOR

Performs final cooking of preserved and canned in a retort chamber.

## SEALER

Caps or seals bags, boxes, or jars preparatory to shipment; feeds boxes or jars to automatic sealing or capping machine; ties open end of bags or heat seals the bag.

## FURNITURE AND FIXTURES INDUSTRY

### ASSEMBLER

Assembles shaped and fitted wooden parts to form plain or semi-upholstered chairs. Glues, nails, screws or clamps parts together.

### BELT SANDER

Smooths surface of wooden furniture parts and other wooden sections with an abrasive-covered revolving belt, not to include portable belt sander.

### CUT-OFF SAW OPERATOR

Operates a swinging or jump saw to cut wooden stock to desired lengths; grades and cuts stock to best advantage, eliminating knots and other defects.

### DRILL PRESS OPERATOR

Sets up and operates drill press machine to bore holes of specified diameter and depth in wood.

### HAND-RUBBER

Rubs surface of furniture after each coat of dry finish has been applied.

### LATHE HAND, AUTOMATIC

Sets up and operates a machine to turn such parts as chair and table legs from wood stock.

### PACKER

Prepares furniture or furniture parts for shipment.

### SPRAYER

Applies with a spray gun paint, varnish, lacquer, enamel or other finishes to surfaces of manufactured products.

## LABORER

One who performs unskilled work.

# OCCUPATIONAL DESCRIPTORS

## Production Employees



### LEATHER AND LEATHER PRODUCTS INDUSTRY

#### CEMENTER-MACHINE

Hand feeds outsoles into rollers of a cementing machine to apply cement along edges or over the entire surface of flesh side of outsoles of shoes, to prepare them for attaching to the bottom of the shoes.

#### CUTTER

Cuts leather or imitation leather according to pattern, using leather cutting tools.

#### PULLER-OVER MACHINE (Goodyear Welt)

Operates a machine in which the upper at the toe and along the sides of the front of the shoe is pulled over and tacked temporarily to the last to give preliminary shaping to the front part of the upper and to attach it to the insole and the last.

#### STITCHER

Stitches together various shoe parts, using stitching machine.

#### SPRAYER

Coats surfaces of manufactured articles with finishing or protecting material, using a spray gun.

#### DRESSER

Applies oil, or other compounds, usually by hand, to surface of tanned hides to improve their appearance. Rubs leather with damp sponge.

#### SORTER

Sorts hides, skins and leather into groups of same grade, weights, thickness and color, using a gauge to determine thickness and determines substance by feeling. Inspects for imperfections. Selects leather for different treatment; returns rejects for reprocessing.

#### TACKER

Stretches wet hides or skins and fastens them to boards or frames with tacks, nails or toggles.

#### TANNER

Treats hides or skins in solutions to convert them into leather.

### LUMBER AND WOOD PRODUCTS INDUSTRY

#### BAND SAW OPERATOR

Operates a band saw

#### BOLTER

Operates circular saw to cut slabs, edgings, and logs into width and thicknesses. May oil carriage and keep saw in good condition.

#### CIRCULAR SAW OPERATOR

Operates a circular saw to cut stock lumber to specified standards.

#### DRY KILN OPERATOR

Controls temperature and humidity of dry kilns to artificially season lumber. Supervises loading of kiln cars and placing in and the removal from the kiln. Records amount of lumber dried and conditions under which it was dried.

#### LATHE OPERATOR

Operates lathe used to cut specified designs in wood products.

#### LUMBER HANDLER

Performs any of the unskilled tasks associated with the handling and stacking of lumber.

#### SANDER

Smooths and finishes the edges and surfaces of wooden parts and sections by machine.

#### SORTER

Separates lumber according to grade and size for specific uses.

#### TUMBLER OPERATOR

Tends power driven rotating drum that smooths irregular shaped wooden pieces.



# OCCUPATIONAL DESCRIPTORS

## *Production Employees*



### MACHINERY AND ORDNANCE INDUSTRY

#### CRANE OPERATOR

Operates a crane to move materials. May perform other related operations.

#### DRILL OPERATOR

Performs by machine drilling or boring operations on metal.

#### EXPEDITOR

Coordinates the flow of materials, parts, and assemblies within or between departments.

#### GRINDER MACHINE OPERATOR

Operates one of several types of precision grinding machines to grind internal and external surfaces of metal parts to a smooth and even finish and to required dimension.

#### MACHINIST

Carries through to completion the construction and repair of all kinds of metal parts, tools, and machines. Understands blueprints and written specifications.

#### MILLING MACHINE OPERATOR

Shapes metal objects, using a machine that cuts the metal with many-toothed, rotary cutters.

#### POLISHER

Polishes metal articles by use of a polishing wheel.

#### TOOLMAKER

Specializes in the construction, repair, maintenance, and calibration of machine shop tools, jigs, fixtures, and instruments.

#### WELDER

Fuses metal parts together by means of an oxyacetylene torch and welding rods or with an electric welding apparatus.

### PAPER AND ALLIED PRODUCTS INDUSTRY

#### BACK TENDER

Feeds paper to driers; regulates heat of driers and adjusts calenders. Weighs and calipers paper sheets. Observes paper for imperfections. May assist machine tender.

#### BARKER-DRUM

Tends the operation of a drum barker.

#### BEATER MAN

Prepares pulp for processing into paper by means of a beater which hydrates pulp and mixes chemicals or other ingredients with the pulp.

#### BLEACHER MAN

Whitens or bleaches pulp to specified requirements.

#### CALENDER OPERATOR (Super Calender Operator)

Operates a super-calender or calendering machine.

#### GRINDERMAN

Tends wood grinding machine

#### PAPER MACHINE TENDER

Operates a paper making machine. Regulates flow of stock into Fourdrinier wire or cylinder mold. Sets and adjusts presses. Controls speed of machine. Interprets quality tests and makes necessary adjustments to meet specification. Replaces wires and felts. Directs other members of the paper machine crew.

#### PAPER TESTER

Uses special testing equipment to conduct physical tests to determine if paper meets specifications.

#### PULP TESTER

Tests pulp for moisture content, purity, and strength. Makes physical tests for strength or color, and chemical tests necessary to maintain uniformity and quality of paper stock desired.

# OCCUPATIONAL DESCRIPTORS

## Production Employees



### PRINTING AND PUBLISHING

#### INDUSTRY

##### ARTIST

Prepares and arranges art lay-outs for sketches, pictures, or diagrams used to illustrate news events and feature articles in newspapers or periodicals.

##### BINDERY OPERATOR

Performs such duties as punching, perforating, hand or machine folding, stitching, etc.

##### COMPOSITOR

Sets type by hand and breaks down and distributes type after use. Makes proof of set up and inspects for accuracy.

##### LITHOGRAPHER

Readies and tends the operation of a printing press used for printing subject matter from engraved stones.

##### LINOTYPE OPERATOR

Operates the keyboard of an automatic machine that selects and assembles matrices of letters into lines and casts strips of type from type metal.

##### PHOTOGRAPHER

Takes pictures of news events or of important personages for use in illustrating news stories.

##### PRESSMAN

Operates any type of printing press and may oil, clean and make minor repairs.

##### PROOF READER

Reads typescript or proof of type set-up to detect and mark for correction any grammatical, typographical or compositional errors, checking proof against original copy.

##### STEROTYPER

Operates a hydraulic, platen molding press to form wood-fiber matrices.

### RUBBER AND PLASTICS

#### INDUSTRY

##### BUFFER

Bufs hard composition to high luster against rotating soft wheel to which a polishing compound has been applied.

##### COMPOUND MAN

Weights and delivers pigments for blending with stock during reclaiming process, according to laboratory formulas and written specifications.

##### DRILLER

Drills holes in parts or articles of plastics, rubber, etc.

##### FINISHER

Shapes, finishes, or assembles molded material. Performs one or more of a variety of repetitive, routine hand or machine operations such as, assembling, polishing, and sanding. May be shifted from one operation to another as necessary.

##### HEEL MOLDER

Operates a machine to compress heels and shape the heel seat.

##### INJECTION MOLDER

Operates one or more injection-molding machines that mold thermoplastics materials.

##### PACKER

Packs products into containers for shipment or storage.

##### PRESS OPERATOR

Imparts any desired finish, such as mat, linen, or bright, to plastic sheets by pressing them between appropriate metal plates, using hydraulic presses.

##### LABORER

One who performs unskilled work.



# OCCUPATIONAL DESCRIPTORS

## *Production Employees*



### STONE, CLAY AND GLASS PRODUCTS INDUSTRY

#### BRICKMAKER

Tends brick-molding machines.

#### BULLDOZER OPERATOR

Operates tractor with scraper blade mounted in front of chassis to level and scrape clay in an open clay pit into piles to facilitate its removal to a brick or tile manufacturing plant.

#### BURNER (KILN)

Operates a brick or tile burning kiln.

#### CRANE OPERATOR

Operates a crane to hoist and move materials, raise and lower heavy weights, and perform other related operations.

#### CRUSHER OPERATOR

Operates an electric, gasoline or steam-powered rock crushing machine that may be provided with screens to sift the material and a hose system to wash it. Loads or supervises loading of crusher. May perform routine maintenance and repairs.

#### FORK LIFT OPERATOR

Operates a truck equipped with a fork lift or elevating platform that can be raised or lowered by power to various levels to facilitate loading or unloading.

#### PNEUMATIC DRILL OPERATOR

Drills holes in slabs or blocks of building stone for the insertion of wire or rods in mounting or fastening them in place, using a compressed-air-driven drill.

#### SHOVEL OPERATOR

Excavates or moves materials with a compressed-air, diesel, electric, gasoline or steam power shovel.

#### LABORER

One who performs unskilled labor.

### TEXTILE INDUSTRY

#### BATTERY HAND

Supplies batteries or loading of automatic looms with bobbins of filling. Conveys bobbins to looms on hand truck.

#### CARD TENDER

Tends the operation of one or more carding machines that prepare and card cotton or other fibers for further processing.

#### DOFFER

Removes full bobbins of yarn from spindles of ring or cap spinning frames and replaces with empty. Starts yarn on empty bobbins. May help piece up broken ends of yarn.

#### DYE-MACHINE TENDER

Prepares and operates one or more of the various types of dyeing machines or kettles used to dye raw stock, yarn hosiery or knit goods.

#### LOOM FIXER

Prepares looms for operation. Inspects and examines for proper operation. Makes adjustments and performs necessary repairs.

#### MENDER, CLOTH

Examines cloth for defects. Makes necessary repairs.

#### PERCHER

Inspects finished cloth for such qualities and characteristics as color, shade, bulk, finish, dimensions and defects. Marks location of all defects.

#### SPINNER-FRAMES

Tends the operation of one or more sides of ring or cap frame spinning machines. May clean rolls and machine.

#### WEAVER

Tends the operation of one or more looms to produce woven cloth.

# OCCUPATIONAL DESCRIPTORS

## *Production Employees*



### TRANSPORTATION EQUIPMENT

### INDUSTRY

#### DRILL PRESS OPERATOR

Drills holes in parts or articles of plastics, wood, metal or similar material, using a previously set up single or multiple-spindle drill press.

#### GRINDER MACHINE OPERATOR

Operates one of several types of precision grinding machines to grind internal and external surfaces of metal parts to a smooth and even finish and to required dimension.

#### HEAT TREATER

Alters the physical and chemical properties of the steel of such parts as dies, cutters, and machine parts, to produce a specified degree of hardness, toughness, or strength by an established process of controlled heating and cooling.

#### JOINER

Assembles, fits, and joins composition, wood, or metal materials.

#### MACHINIST

Carries through to completion the construction and repair of all kinds of metal parts, tools, and machines. Understands blueprints and written specifications.

#### PAINTER

Paints or varnishes wood, metal, or canvas either by brush or spray gun. May mix paint.

#### TOOL AND DIE MAKER

Constructs, repairs and maintains machine-shop tools, jigs, fixtures and instruments, calibrating them according to specifications, and also dies used for forging, punching stamping and other metal-forming work. Operates various machine tools, performing lay-out work and fitting and assembling parts as necessary.

#### TURRET LATHE OPERATOR

Shapes external and internal cylindrical surfaces of metal objects, such as castings or forgings, by the use of a turret lathe.

#### LABORER

One who performs unskilled work.









