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Department of
Labor and
Industry

OCCUPATIONAL WAGE SURVEY

MAINE

1965

MAINE OCCUPATIONAL WAGE SURVEY 1965

prepared by

Division of Research & Statistics
W. C. Weeks, Director
Department of Labor and Industry
State Office Building, Augusta, Maine

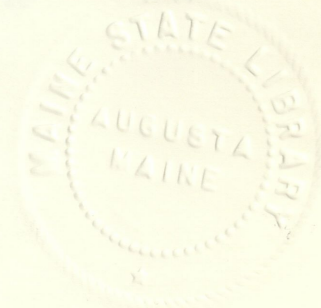
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OCCUPATIONAL WAGE SURVEY INTRODUCTION

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 sixty-four selected establishments and returns were received from 100.0% of those surveyed. The usable returns from four hundred forty-seven firms were analyzed and the information contained in this report is the result of a statistical analysis of the wage rates of 32,922 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 25, 1965, 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.

OCCUPATIONAL TABLE OF WAGE SURVEY CONTENTS

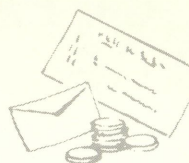
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DEFINITIONS

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.

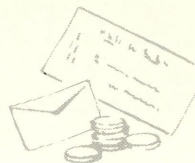
OCCUPATIONAL WAGE RATES



APPAREL INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
General Clerk	38	\$ 1.250	\$ 1.521	\$ 1.485	\$ 2.100
Payroll Clerk	15	1.250	1.533	1.450	2.100
Secretary	8	1.300	1.700	1.700	2.100
MAINTENANCE					
Electrician, Maintenance	4	1.350	1.744	1.765	2.095
Maintenance Man	12	1.550	2.133	1.977	3.125
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	14	1.250	1.416	1.362	1.700
Shipping and Receiving Clerk	3	1.460	1.620	1.500	1.900
Shipping Clerk	33	1.250	1.549	1.550	2.088
Receiving Clerk	5	1.350	1.734	1.820	2.100
Watchman	13	1.250	1.385	1.350	1.600
PRODUCTION					
Assembler	43	1.250	1.512	1.450	2.100
Buttonhole Maker Machine Opr.	39	1.250	1.558	1.550	2.050
Cutter and Marker	48	1.300	2.086	2.113	3.093
Inspector - Final Examiner	92	1.250	1.507	1.512	2.520
Presser - Finish Machine	178	1.250	1.644	1.720	2.850
Sewing Mach. Opr. - Sec. Sys.	1,596	1.250	1.565	1.530	3.270
Sorter	63	1.250	1.432	1.450	1.950
Spreader	25	1.250	1.655	1.650	2.350
Thread Trimmer	58	1.250	1.419	1.450	2.130

OCCUPATIONAL WAGE RATES



CHEMICAL INDUSTRY

OCCUPATION TITLE	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum

OFFICE

General Clerk	4	\$ 1.250	\$ 1.873	\$ 1.870	\$ 2.500
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MAINTENANCE

Carpenter, Maintenance	6	1.400	1.957	1.970	2.500
Electrician, Maintenance	8	1.810	2.113	2.125	2.410
Maintenance Man	34	1.600	2.108	2.050	2.650

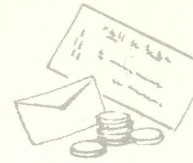
CUSTODIAL AND MATERIAL MOVEMENT

Janitor	5	1.620	1.706	1.660	1.970
Shipping Clerk	3	1.430	1.873	1.840	2.350
Receiving Clerk	4	1.800	1.940	1.835	2.290
Truck Driver	9	1.350	1.582	1.620	1.790
Watchman	8	1.300	1.359	1.365	1.380

PRODUCTION

Chemical Operator A	35	1.500	2.133	2.200	2.750
Chemical Operator B	65	1.400	1.918	1.930	2.350
Filler Machine Tender	18	1.350	1.576	1.400	2.220
Filterer	24	1.500	1.838	1.780	2.220
Mixer	23	1.400	1.699	1.690	2.290
Shovel Operator	4	1.370	1.555	1.500	1.850
Laborer	293	1.250	1.428	1.400	1.660

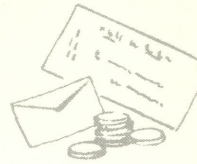
OCCUPATIONAL WAGE RATES



ELECTRICAL MACHINERY INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	3	\$ 3.375	\$ 3.782	\$ 3.600	\$ 4.370
General Clerk	26	1.300	1.615	1.575	2.100
Payroll Clerk	5	1.630	1.878	1.700	2.200
Secretary	13	1.630	1.881	1.800	2.400
Switchboard Operator - Recept.	3	1.500	1.700	1.600	2.000
MAINTENANCE					
Electrician, Maintenance	5	1.650	2.401	2.600	2.870
Maintenance Man	65	1.580	2.034	2.170	2.640
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	9	1.300	1.493	1.550	1.660
Shipping and Receiving Clerk	4	1.730	1.897	1.845	2.170
Shipping Clerk	6	1.450	1.825	1.850	2.100
Receiving Clerk	3	1.600	2.180	2.300	2.640
PRODUCTION					
Assembler, Class B	249	1.250	1.529	1.450	2.450
Assembler, Class C	1,487	1.250	1.433	1.450	2.500
Coil Winder	200	1.250	1.729	1.770	1.770
Inspector, Class A	3	1.680	2.260	2.050	3.050
Inspector, Class B	16	1.400	1.783	1.830	2.550
Solderer	27	1.400	1.641	1.660	1.950
Tester, Class B	21	1.250	1.874	1.750	3.300

OCCUPATIONAL WAGE RATES



FABRICATED METALS

INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum

OFFICE

Accountant, General	14	\$ 1.500	\$ 2.746	\$ 2.500	\$ 4.330
General Clerk	28	1.300	1.745	1.680	2.500
Payroll Clerk	9	1.600	2.100	2.100	2.860
Secretary	9	1.750	2.203	2.125	3.200
Switchboard Operator - Recept.	3	1.370	1.715	1.875	1.900

MAINTENANCE

Electrician, Maintenance	9	2.150	2.904	2.600	3.541
Maintenance Man	8	1.450	2.019	2.025	2.750
Millright	12	2.100	2.817	2.832	3.443

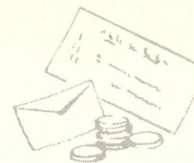
CUSTODIAL AND MATERIAL MOVEMENT

Janitor	14	1.250	1.853	1.860	2.510
Shipping and Receiving Clerk	11	1.400	1.763	1.660	2.230
Shipping Clerk	11	1.250	2.204	2.100	3.345
Receiving Clerk	4	1.800	2.075	2.050	2.400
Truck Driver	36	1.500	2.187	1.930	2.932

PRODUCTION

Burner	16	1.400	2.266	2.340	2.600
Crane Operator	22	1.400	2.086	2.080	2.430
Fabricator	98	1.575	2.171	2.170	2.750
Grinder	8	1.830	2.108	2.100	2.380
Lay Out Man	41	1.800	2.516	2.630	3.200
Sheet Metal Machine Operator (Misc. Machines)	51	1.250	1.795	1.900	2.500
Sheet Metal Worker (Production)	44	1.700	2.247	1.925	3.500
Welder	91	1.700	2.326	2.400	3.000
Laborer	136	1.350	1.946	2.100	2.639

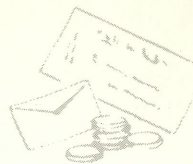
OCCUPATIONAL WAGE RATES



FOOD AND KINDRED PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	54	\$ 1.250	\$ 2.716	\$ 2.690	\$ 5.000
General Clerk	227	1.200	1.639	1.550	2.800
Payroll Clerk	48	1.250	1.660	1.600	2.714
Secretary	41	1.250	1.939	1.930	2.885
Stenographer, General	14	1.250	1.632	1.612	2.625
Switchboard Operator - Recept.	21	1.250	1.581	1.580	2.041
Tabulating Machine Operator	12	1.475	2.111	1.875	3.375
MAINTENANCE					
Carpenter, Maintenance	44	1.250	1.799	1.600	3.750
Electrician, Maintenance	45	1.400	1.965	1.900	3.500
Maintenance Man	322	1.250	1.951	1.800	3.500
Millwright	13	2.000	2.331	2.500	3.320
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	158	1.000	1.720	1.535	2.695
Shipping and Receiving Clerk	86	1.250	1.649	1.500	3.152
Shipping Clerk	121	1.250	2.024	2.000	3.500
Receiving Clerk	26	1.400	2.006	2.075	2.575
Truck Driver	152	1.250	1.811	1.600	2.640
Watchman	53	1.250	1.552	1.350	2.500
PRODUCTION					
Blanching Machine Operator	24	1.250	1.522	1.500	1.800
Cold Storage Man	200	1.250	1.509	1.450	2.865
Cutter	850	1.250	1.532	1.400	2.770
Flaker	47	1.250	1.291	1.250	1.500
Mixer	120	1.250	1.906	1.725	3.250
Packers	2,019	1.250	1.544	1.470	2.420
Pasteurizer	14	1.550	2.078	2.000	3.250
Retort Operator	60	1.250	1.572	1.425	2.325
Sealer	196	1.250	1.346	1.250	2.550

OCCUPATIONAL WAGE RATES

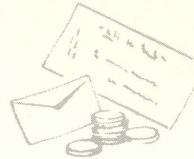


FURNITURE AND FIXTURES

INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	7	\$ 1.250	\$ 2.343	\$ 2.130	\$ 4.270
General Clerk	11	1.250	1.570	1.500	2.000
Payroll Clerk	5	1.250	1.600	1.600	1.900
Switchboard Operator-Recept.	4	1.250	1.438	1.425	1.650
MAINTENANCE					
Maintenance Man	8	1.250	1.850	1.750	2.650
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	3	1.250	1.283	1.250	1.350
Shipping and Receiving Clerk	7	1.300	1.659	1.700	2.030
Shipping Clerk	6	1.600	1.992	1.875	2.530
Truck Driver	7	1.350	1.507	1.550	1.600
Watchmen	19	1.250	1.463	1.450	1.650
PRODUCTION					
Assembler	64	1.250	1.654	1.500	2.300
Belt Sander	17	1.250	1.495	1.400	2.320
Cut-Off Saw Operator	33	1.300	1.611	1.600	2.300
Drill Press Operator	11	1.350	1.450	1.500	1.650
Hand Rubber	30	1.250	1.418	1.400	1.600
Lathe Hand, Automatic	16	1.450	1.638	1.675	1.850
Packer	19	1.250	1.453	1.400	1.600
Sprayer	19	1.250	1.542	1.550	1.750
Laborer	135	1.250	1.393	1.350	1.900

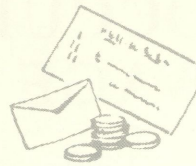
OCCUPATIONAL WAGE RATES



LEATHER AND LEATHER PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	58	\$ 1.250	\$ 2.405	\$ 2.200	\$ 5.625
General Clerk	431	1.250	1.428	1.375	2.500
Payroll Clerk	305	1.250	1.447	1.400	2.230
Secretary	41	1.250	1.826	1.750	3.125
Stenographer, General	36	1.250	1.468	1.500	2.000
Switchboard Operator-Recept.	56	1.250	1.421	1.400	1.750
Tabulating Machine Operator	29	1.250	1.475	1.500	2.050
MAINTENANCE					
Carpenter, Maintenance	48	1.250	1.728	1.690	3.000
Electrician, Maintenance	28	1.500	2.104	2.030	3.250
Maintenance Man	196	1.250	1.852	1.750	3.810
Millright	12	1.250	2.084	1.890	3.625
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	76	1.250	1.412	1.350	2.240
Shipping and Receiving Clerk	90	1.250	1.597	1.500	2.875
Shipping Clerk	163	1.250	1.570	1.500	3.120
Receiving Clerk	43	1.250	1.639	1.560	2.500
Truck Driver	63	1.250	1.735	1.700	3.380
Watchman	118	1.250	1.388	1.310	2.250
PRODUCTION					
Cementer - Machine	189	1.250	1.659	1.520	3.230
Cutter	978	1.250	2.274	2.225	4.750
Laster - Pull Over Machine (Goodyear Welt)	140	1.250	2.491	2.450	4.490
Stitcher	4,251	1.250	1.671	1.640	3.480
Sprayer	167	1.250	1.742	1.510	3.380
Dresser	107	1.250	1.702	1.600	3.500
Sorter	77	1.250	1.845	1.800	3.060
Tanner	25	1.460	1.976	1.850	2.680
Tacker	84	1.250	2.202	2.220	3.280

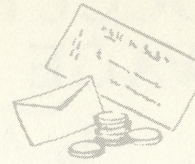
OCCUPATIONAL WAGE RATES



LUMBER AND WOOD PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	24	\$ 1.400	\$ 2.095	\$ 2.040	\$ 3.597
General Clerk	80	1.150	1.587	1.520	3.365
Payroll Clerk	39	1.150	1.604	1.570	2.500
Secretary	40	1.250	1.750	1.697	2.500
Stenographer, General	11	1.250	1.719	1.720	2.095
Switchboard Operator - Recept.	7	1.250	1.541	1.650	1.740
MAINTENANCE					
Carpenter, Maintenance	51	1.250	1.746	1.710	2.500
Electrician, Maintenance	37	1.500	2.057	2.000	2.790
Maintenance Man	144	1.250	1.781	1.750	2.600
Millwright	77	1.250	1.974	1.890	3.750
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	35	1.250	1.451	1.440	1.900
Shipping and Receiving Clerk	39	1.350	1.623	1.580	2.160
Shipping Clerk	31	1.300	1.545	1.530	1.900
Receiving Clerk	4	1.660	1.830	1.780	2.100
Truck Driver	118	1.250	1.510	1.500	2.000
Watchman	128	1.250	1.439	1.420	1.900
PRODUCTION					
Band Saw Operator	85	1.250	1.633	1.570	2.600
Bolter	76	1.300	1.635	1.650	2.030
Circular Saw Operator	199	1.250	1.558	1.500	2.840
Dry Kiln Operator	20	1.450	1.784	1.725	2.570
Lathe Operator	223	1.250	1.500	1.450	2.340
Lumber Handler	439	1.250	1.421	1.400	2.000
Sander	73	1.250	1.420	1.390	1.940
Sorter	172	1.250	1.398	1.350	2.130
Tumbler Operator	39	1.250	1.545	1.510	1.920

OCCUPATIONAL WAGE RATES



MACHINERY AND ORDNANCE

INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	10	\$ 1.510	\$ 2.558	\$ 2.325	\$ 4.000
General Clerk	45	1.250	1.497	1.475	1.750
Payroll Clerk	8	1.600	2.414	2.358	3.020
Secretary	20	1.550	2.071	2.060	2.650
Stenographer, General	11	1.320	1.825	1.750	2.300
Switchboard Operator-Recept.	7	1.400	1.754	1.720	2.300
MAINTENANCE					
Carpenter, Maintenance	7	2.190	2.371	2.230	2.650
Electrician, Maintenance	21	1.950	2.372	2.430	2.870
Maintenance Man	22	1.300	2.154	2.240	2.870
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	14	1.250	1.704	1.730	2.080
Shipping and Receiving Clerk	9	1.400	1.791	1.780	2.000
Shipping Clerk	10	1.450	2.042	1.970	2.820
Truck Driver	15	1.300	2.013	2.080	2.530
Watchman	8	1.300	1.910	1.950	2.280
PRODUCTION					
Drill Operator	104	1.350	1.876	1.700	2.870
Expeditor	15	1.875	2.267	2.170	2.870
Grinder - Machine Operator	69	1.500	1.912	1.770	2.870
Machinist	139	1.400	2.383	2.350	2.870
Milling Machine Operator	64	1.600	1.886	1.700	2.280
Polisher	11	1.500	1.787	1.820	2.020
Toolmaker	38	2.300	2.640	2.570	3.130
Welder	91	1.500	2.159	2.080	2.870

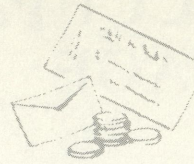
OCCUPATIONAL WAGE RATES



PAPER AND ALLIED PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	56	\$ 1.250	\$ 2.804	\$ 2.895	\$ 4.156
General Clerk	298	1.250	2.296	2.270	3.400
Payroll Clerk	44	1.610	2.401	2.410	3.480
Secretary	75	1.250	2.239	2.340	3.000
Stenographer, General	54	1.500	2.070	2.120	2.610
Switchboard Operator-Recept.	25	1.400	2.065	2.160	2.897
Tabulating Machine Operator	16	1.793	2.508	2.576	3.200
MAINTENANCE					
Carpenter, Maintenance	85	1.350	2.553	2.580	2.990
Electrician, Maintenance	269	1.950	2.889	2.960	3.630
Maintenance Man	442	1.600	2.604	2.590	3.330
Millwright	371	2.180	2.813	2.810	3.630
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	142	1.250	2.131	2.200	2.430
Shipping and Receiving Clerk	24	1.990	2.422	2.330	2.910
Shipping Clerk	27	1.450	2.311	2.270	3.050
Receiving Clerk	17	1.350	2.275	2.340	2.910
Truck Driver	133	1.300	2.143	2.290	2.570
Watchman	106	1.500	2.217	2.270	2.600
PRODUCTION					
Back Tender	308	2.020	3.128	3.030	4.940
Barker - Drum	51	1.600	2.089	2.100	2.320
Beater Man	205	1.700	2.557	2.510	3.990
Bleacher Man	54	1.730	2.456	2.510	3.150
Calender Opr. (Super Calender)	146	1.730	2.701	2.790	3.080
Grinderman	241	1.700	2.387	2.370	2.970
Paper Machine Tender	297	2.170	3.443	3.390	5.250
Paper Tester	139	1.790	2.488	2.420	2.920
Pulp Tester	73	1.890	2.273	2.300	2.550

OCCUPATIONAL WAGE RATES

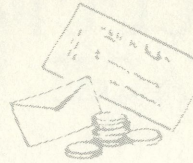


PRINTING AND PUBLISHING

INDUSTRY

Occupation Title	No..of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	15	\$ 1.620	\$ 2.796	\$ 2.625	\$ 3.900
General Clerk	121	1.250	1.682	1.625	2.650
Payroll Clerk	6	1.576	2.100	2.038	3.000
Secretary	24	1.340	2.020	1.955	2.750
Switchboard Operator - Recept.	15	1.250	1.695	1.760	2.090
MAINTENANCE					
Carpenter, Maintenance	3	2.000	2.625	2.800	3.075
Maintenance Man	8	2.040	2.078	2.770	3.130
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	30	1.250	1.732	1.834	1.960
Truck Driver	5	1.500	1.555	1.550	1.650
PRODUCTION					
Artist	20	1.500	2.521	2.466	5.000
Bindery Operator	93	1.250	1.603	1.500	2.590
Compositor	211	1.390	2.975	3.150	3.540
Lithographer	5	2.000	2.504	2.500	2.860
Linotype Operator	101	1.460	2.917	2.990	3.480
Photographer	25	1.400	2.571	2.518	3.860
Pressman	130	1.250	2.417	2.250	3.478
Proof Reader	48	1.300	1.903	2.063	2.420
Stereotyper	34	1.710	2.965	3.100	3.480

OCCUPATIONAL WAGE RATES



RUBBER AND PLASTICS

INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	11	1.900	2.908	2.600	4.000
General Clerk	34	1.250	1.468	1.450	2.100
Payroll Clerk	9	1.250	1.456	1.500	1.750
Secretary	18	1.250	1.599	1.486	3.000
Stenographer, General	9	1.250	1.447	1.500	1.750
Switchboard Operator - Recept.	4	1.250	1.500	1.525	1.700
Tabulating Machine Operator	14	1.300	1.373	1.300	1.875
MAINTENANCE					
Carpenter, Maintenance	8	1.500	1.835	1.860	2.220
Electrician, Maintenance	23	1.560	1.972	1.860	2.650
Maintenance Man	36	1.500	1.971	2.120	2.375
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	11	1.250	1.411	1.300	1.610
Shipping and Receiving Clerk	12	1.450	2.165	2.075	3.250
Shipping Clerk	13	1.250	1.666	1.760	1.850
Receiving Clerk	3	1.250	1.367	1.350	1.500
Truck Driver	31	1.330	1.756	1.850	1.970
Watchman	6	1.250	1.317	1.300	1.400
PRODUCTION					
Buffer	18	1.250	1.604	1.530	3.000
Compound Man	33	1.500	1.874	1.800	2.200
Driller	13	1.350	1.426	1.350	1.750
Finisher	172	1.250	1.556	1.405	1.930
Packer	106	1.250	1.476	1.350	1.920
Press Operator	34	1.250	1.605	1.625	1.900
Laborer	142	1.250	1.384	1.300	1.733

OCCUPATIONAL WAGE RATES



STONE, CLAY AND GLASS PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	5	\$ 1.600	\$ 2.202	\$ 2.250	\$ 2.710
General Clerk	14	1.495	1.832	1.750	2.500
Payroll Clerk	3	2.000	2.047	2.000	2.140
Secretary	4	1.450	1.785	1.720	2.250
Switchboard Operator - Recept.	3	1.400	1.560	1.600	1.680
MAINTENANCE					
Carpenter, Maintenance	7	1.300	1.965	2.080	2.375
Maintenance Man	14	1.500	2.029	1.925	3.125
CUSTODIAL AND MATERIAL MOVEMENT					
Truck Driver	127	1.250	1.525	1.500	2.190
Watchman	7	1.250	1.506	1.530	1.690
PRODUCTION					
Brickmaker	12	1.600	2.542	2.925	3.000
Bulldozer Operator	10	1.450	1.814	1.850	2.190
Crane Operator	16	1.460	1.908	1.920	2.250
Crusher Operator	6	1.400	1.767	1.775	2.000
Fork Lift Operator	14	1.400	1.724	1.600	1.800
Pneumatic Drill Operator	24	1.370	1.936	2.120	2.550
Shovel Operator	13	1.500	2.046	1.940	2.750
Laborer	182	1.250	1.471	1.450	2.180

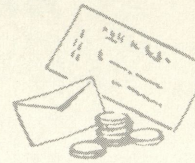
OCCUPATIONAL WAGE RATES



TEXTILE INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	20	\$ 1.410	\$ 2.249	\$ 2.112	\$ 3.380
General Clerk	151	1.250	1.609	1.575	3.250
Payroll Clerk	58	1.250	1.659	1.685	2.300
Secretary	21	1.250	1.779	1.680	2.580
Stenographer, General	14	1.250	1.556	1.500	1.930
Switchboard Operator - Recp.	15	1.250	1.542	1.590	1.935
Tabulating Machine Operator	10	1.250	1.861	1.863	2.744
MAINTENANCE					
Carpenter, Maintenance	56	1.300	1.951	2.025	2.620
Electrician, Maintenance	59	1.400	1.999	2.040	2.620
Maintenance Man	194	1.300	1.803	1.760	2.620
Millwright	31	1.370	1.817	1.780	3.020
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	79	1.250	1.477	1.500	1.740
Shipping and Receiving Clerk	34	1.350	1.658	1.505	3.370
Shipping Clerk	50	1.300	1.643	1.600	2.400
Receiving Clerk	16	1.450	1.823	1.750	2.470
Truck Driver	34	1.300	1.681	1.650	2.231
Watchman	100	1.250	1.592	1.630	2.260
PRODUCTION					
Battery Hand	333	1.250	1.563	1.570	1.913
Card Tender	426	1.250	1.505	1.468	2.250
Doffer	389	1.250	1.708	1.800	2.656
Dye-Machine Tender	171	1.250	1.675	1.650	2.710
Loom Fixer	367	1.500	2.262	2.250	2.770
Mender, Cloth	308	1.250	1.613	1.570	2.670
Percher	226	1.250	1.562	1.565	1.940
Spinner - Frames	785	1.300	1.699	1.670	2.216
Weaver	800	1.250	2.091	2.100	2.580

OCCUPATIONAL WAGE RATES



TRANSPORTATION EQUIPMENT

INDUSTRY

Occupation Title	No. of Positions	Hourly Wage Rates			
		Minimum	Mean	Median	Maximum
OFFICE					
Accountant, General	10	\$ 1.250	\$ 2.061	\$ 1.825	\$ 3.630
General Clerk	29	1.350	1.602	1.600	1.950
Payroll Clerk	3	1.500	1.792	1.750	2.125
Secretary	11	1.500	1.863	1.750	2.625
Stenographer, General	7	1.550	1.813	1.630	2.380
MAINTENANCE					
Carpenter, Maintenance	12	1.500	2.293	1.800	2.590
Electrician, Maintenance	16	1.700	2.307	2.470	2.590
Maintenance Man	6	1.500	1.946	1.725	2.875
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor	6	1.650	1.955	2.020	2.080
Shipping and Receiving Clerk	9	1.600	1.789	1.650	2.500
Shipping Clerk	7	1.430	1.923	1.600	2.590
Receiving Clerk	7	1.380	1.951	2.000	2.490
Truck Driver	6	1.700	2.102	2.145	2.590
Watchman	4	1.250	1.480	1.485	1.700
PRODUCTION					
Grinder Machine Operator	19	1.540	2.221	2.300	2.590
Heat Treater	7	1.600	2.079	2.090	2.490
Joiner	70	1.250	1.674	1.700	2.250
Machinest	181	1.390	2.306	2.450	2.590
Painter	35	1.250	1.768	1.750	2.590
Tool and Die Maker	24	2.250	2.573	2.730	2.730
Turret Lathe Operator	19	1.540	2.026	2.000	2.450
Laborer	96	1.350	1.693	1.700	2.150

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 within 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.

THEORY OF THE EARTH

The theory of the earth is a branch of geology which deals with the origin and development of the earth and its various parts. It is a science which seeks to explain the processes which have shaped the earth and its features.

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