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MAINE OCCUPATIONAL 1983 WAGE SURVEY 1983

prepared by

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

A total of four hundred, eighty-two occupational wage surveys were mailed to the selected establishments, and returns were received from four hundred and eighty or 99.6%. The usable returns from four hundred and thirty-three establishments were analyzed and the information contained in this report is the result of a statistical analysis of the wage rates of 25,097 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 ten 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 28, 1963 and is published by major industry for the entire state. All wage information will be revised on an annual basis in the future.

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 date 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.





Occupation Title	No. of positions	<u>Minimum</u>	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
General Clerk Payroll Clerk Secretary	54 10 5	\$ 1.250 \$ 1.250 1.320	1.496 1.539 1.597	\$ 1.450 1.378 1.600	\$ 2.250 2.338 2.000
MAINTENANCE					
Maintenance Man	16	1.250	1.857	1.775	3.000
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Receiving Clerk Truck Driver	19 5 14 3 4	1.250 1.250 1.250 1.350 1.600	1.353 1.580 1.436 1.633 1.638	1.300 1.500 1.469 1.750 1.600	1.500 2.000 1.963 1.800 1.750
PRODUCTION					
Assembler Buttonhole Maker, Mach. Opr. Cutter and Marker Inspector - Final Examiner Presser - Finish Machine Sewer - Hand Finisher Sewing Mach. Opr Sec. System Sorter Spreader Thread Trimmer	43 18 32 90 121 13 1041 61 19 24	1.250 1.250 1.250 1.200 1.250 1.250 1.250 1.250 1.250 1.250 1.250	1.458 1.576 2.046 1.416 1.568 1.519 1.523 1.386 1.526 1.424	1.400 1.575 1.950 1.380 1.570 1.250 1.550 1.350 1.600 1.380	1.800 1.950 2.960 2.580 2.890 2.272 2.550 2.250 1.800 2.000





Occupation Title	No. of positions	Minimum	Hourly <u>Mean</u>	Wage Rates Median	Maximum
OFFICE General Clerk Payroll Clerk Secretary	8 4 5	\$ 1.250 \$ 1.450 1.700	1.620 1.778 1.953	\$ 1.525 1.796 2.000	\$ 2.500 2.070 2.120
MAINTENANCE Carpenter, Maintenance Electrician, Maintenance Maintenance Man	13 9 60	1.300 1.250 1.310	1.828 2.083 1.966	1.910 2.240 2.010	2.240 2.400 2.450
CUSTODIAL AND MATERIAL MOVEMENT Janitor Truck Driver	5 8	1.280 1.280	1.546 1.473	1.530 1.530	1.750 1.630
PRODUCTION Chemical Operator B Filterer Mixer Laborer	14 23 15 63	1.300 1.400 1.400 1.250	1.455 1.644 1.639 1.510	1.482 1.630 1.600 1.530	1.590 1.990 2.050 1.860





Occupation Title	No. of positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator - Recept. Tabulating Machine Operator	4 26 6 12 5 6 4	\$ 2.000 \$ 1.250 1.350 1.350 1.600 1.250 1.600	2.413 1.667 1.667 1.699 1.622 1.498 1.804	\$ 2,325 1.580 1.684 1.713 1.625 1.500 1.700	\$ 3.000 3.100 1.875 2.110 1.660 1.680 2.215
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance Maintenance Man	3 9 11	1.500 2.000 1.550	1.990 2.274 1.698	2.130 2.260 1.670	2.340 2.570 2.000
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Watchman	12 9 7 8	1.350 1.450 1.250 1.420	1.461 1.647 1.771 1.523	1.435 1.600 1.850 1.500	1.590 1.990 2.000 1.640
PRODUCTION					
Assembler Class B Inspector Class A Inspector Class B Inspector Class C Solderer Tester Class B Tester Class C	598 9 48 78 15 83 93	1.250 1.680 1.420 1.470 1.250 1.250 1.300	1.366 1.921 1.714 1.544 1.580 1.666 1.588	1.350 1.760 1.540 1.550 1.630 1.540	2.650 2.950 2.250 1.900 1.850 2.850 2.950



Occupation Title	No. of positions	Minimum	Hourly Mean	Wage Rates Median	<u>Maximum</u>
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator-Recept.	9 15 7 7 8 4	\$ 1.590 \$ 1.250 1.300 1.375 1.250 1.375	2.586 1.820 2.071 2.135 1.497 1.425	\$ 2.500 1.750 2.075 1.750 1.350 1.413	\$ 3.707 3.250 3.250 3.420 1.873 1.500
MAINTENANCE					
Electrician, Maintenance Maintenance Man Millwright	6 14 10	2.140 1.540 1.900	3.026 2.511 2.832	3.410 2.729 3.343	3.422 2.729 3.343
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Receiving Clerk Truck Driver Watchman	9 10 6 30 7	1.250 1.400 2.040 1.250 1.436 1.300	1.713 1.926 2.392 1.622 2.066 1.859	1.650 1.983 2.225 1.560 1.850 1.350	2.375 2.400 3.015 2.080 2.832 2.572
PRODUCTION Burner Crane Operator Fabricator Grinder Heat Treater Lay-Out Man Sheet Metal Mach. Opr. (Misc. Machines) Sheet Metal Worker (Production) Welder	5 16 70 12 3 27 20 59	1.850 1.660 1.420 1.500 2.000 1.660 1.250 1.250 1.350	2.160 1.959 2.020 1.979 2.115 2.427 1.671 2.573 2.135	2.350 2.000 2.010 2.040 2.125 2.550 1.758 2.720 2.125	2.350 2.350 2.675 2.450 2.220 3.150 1.880 3.400 3.400
Laborer	56 117	1.250	1.775	1.660	2.532

OCCUPATIONAL WAGE RATES



FOOD AND KINDRED PRODUCTS

Occupation Title	No. of positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator-Recept. Tabulating Machine Operator	47 225 38 37 19 15 11	\$ 1.250 \$ 1.150 1.250 1.000 1.250 1.250 1.250 1.500	2.529 1.558 1.602 1.851 1.796 1.528 2.086	\$ 2.500 1.450 1.500 1.875 1.625 1.550 2.300	\$ 4.857 2.590 2.400 2.880 2.428 1.850 2.452
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance Maintenance Man Millwright	36 37 236 36	1.300 1.450 1.160 1.400	2.083 1.906 1.879 2.045	1.930 1.750 1.740 1.745	3.300 3.300 3.003 3.375
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Receiving Clerk Truck Driver Watchman	111 167 91 32 154 58	1.150 1.250 1.250 1.250 1.250 1.250 1.250	1.758 1.561 2.038 1.972 1.826 1.550	2.000 1.450 2.115 2.063 1.760 1.400	2.615 2.560 2.750 2.765 2.540 2.350
PRODUCTION					
Blanching Machine Operator Bottle Capper Cold Storage Man Cutter Flaker Mixer Packer Pasteurizer Retort Operator Sealer	24 13 149 473 27 90 1239 20 58 146	1.250 1.250 1.100 1.200 1.250 1.250 1.100 1.500 1.150 1.150	1.448 1.558 1.506 1.476 1.276 1.838 1.415 2.061 1.525 1.326	1.350 1.500 1.400 1.400 1.250 1.710 1.300 2.215 1.450 1.250	2.145 1.875 3.000 2.630 1.500 2.590 3.500 2.500 2.145 2.500





INDUSTRY

Occupation Title	No. of positions	Minimum		Wage Rates Median	Maximum
OFFICE General Clerk	14	\$ 1.250	\$ 1.614	\$ 1.570	\$ 2.063
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance	4 4	1.250 1.450	1.563 1.838	1.625 1.825	1.750 2.250
CUSTODIAL AND MATERIAL MOVEMENT					
Shipping and Receiving Clerk Receiving Clerk Truck Driver Watchman	6 3 6 21	1.250 1.610 1.350 1.250	1.542 1.747 1.517 1.412	1.500 1.700 1.500 1.400	1.950 1.930 1.650 1.600
PRODUCTION					
Assembler Belt Sander Cut-Off Saw Operator Drill Press Operator Gluer Hand Rubber Lathe Hand - Automatic Packer Sprayer Laborer	62 23 16 15 7 21 7 18 18 18 112	1.250 1.250 1.250 1.300 1.400 1.250 1.400 1.250 1.250 1.250	1.672 1.422 1.444 1.393 1.521 1.348 1.480 1.461 1.464 1.348	1.450 1.400 1.425 1.400 1.450 1.300 1.450 1.450 1.450 1.300	2.200 1.950 1.950 1.500 1.800 1.650 1.650 1.650 1.650 2.000







Occupation Title	No. of positions	Minimum	Hourly <u>Mean</u>	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator-Recept. Tabulating Machine Operator	45 367 257 43 40 53 21	\$ 1.250 \$ 1.250 1.200 1.250 1.250 1.250 1.250 1.250	2.298 1.391 1.390 1.673 1.380 1.368 1.426	\$ 2.125 1.350 1.300 1.650 1.360 1.350 1.300	\$ 5.625 2.560 2.250 2.500 1.750 1.650 2.000
Carpenter, Maintenance Electrician, Maintenance Maintenance Man Millwright	35 32 145 11	1.300 1.400 1.250 1.625	1.740 1.921 1.841 2.582	1.700 1.875 1.700 2.500	3.000 3.500 3.750 3.750
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Receiving Clerk Truck Driver Watchman	66 110 67 43 52 114	1.250 1.250 1.250 1.250 1.250 1.250 1.250	1.343 1.530 1.623 1.614 1.720 1.343	1.298 1.500 1.500 1.500 1.565 1.300	1.875 2.500 3.250 2.250 3.125 1.875
PRODUCTION					
Cementer – Machine Cutter Laster – Pull-Over Machine	185 726	1.250 1.250	1.545 2.178	1.450 2.100	2.680 4.380
(Goodyear Welt) Stitcher Sprayer Dresser Flesher Machine Operator Sorter Tanner Tacker	195 2588 194 150 34 65 45 93	1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250	2.138 1.626 1.648 1.500 2.065 1.879 2.004 2.113	1.900 1.515 1.500 1.350 2.080 1.750 2.000 2.250	4.430 3.520 3.600 2.830 3.250 3.250 2.790 3.150

OCCUPATIONAL WAGE RATES



UMBER AND WOOD PRODUCTS INDUSTRY

Occupation Title	No. of Positions	<u>Minimum</u>	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator-Recept. MAINTENANCE	25 63 24 18 6 5	\$ 1.250 \$ 1.150 1.150 1.250 1.250 1.350	1.971 1.546 1.536 1.622 1.598 1.558	\$ 1.920 1.450 1.500 1.525 1.530 1.520	\$ 3.750 2.670 2.000 2.550 2.070 1.750
Carpenter, Maintenance Electrician, Maintenance Maintenance Man Millwright	.38 34 103 55	1.250 1.400 1.250 1.500	1.634 1.882 1.806 1.871	1.600 1.895 1.750 1.830	2.320 2.350 3.030 2.750
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Receiving Clerk Truck Driver Watchman	34 22 19 3 114 114	1.250 1.300 1.250 1.300 1.250 1.250	1.389 1.617 1.604 1.527 1.466 1.386	1.400 1.600 1.550 1.580 1.500 1.370	1.730 2.310 1.960 1.700 2.100 1.740
PRODUCTION					
Band Saw Operator Bolter Circular Saw Operator Dry Kiln Operator Head Saw Operator Lathe Operator Lumber Handler Sander Sorter Tumbler Operator	43 45 147 19 16 238 182 89 143 31	1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250	1.530 1.587 1.486 1.544 1.528 1.474 1.341 1.312 1.311 1.466	1.500 1.650 1.450 1.520 1.500 1.390 1.300 1.250 1.250 1.480	1.740 1.925 3.000 2.430 1.930 2.250 1.850 1.740 2.174 1.730







Occupation Title	No. of Positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator-Recept.	9 39 5 8 5 4	\$ 1.750 \$ 1.250 1.900 1.440 1.250 1.550	2.453 1.614 2.402 1.767 1.895 1.755	\$ 2.500 1.500 2.480 1.813 2.090 1.650	\$ 3.125 2.480 2.9 3 0 2.000 2.170 2.170
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance Maintenance Man	10 8 12	2.120 2.050 2.170	2.415 2.440 2.387	2.425 2.335 2.495	2.820 2.820 2.600
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Watchman	10 4 8	1.250 1.550 1.250	1.708 1.949 1.858	1.675 2.013 1.895	2.040 2.220 2.240
PRODUCTION					
Drill Operator Expeditor Grinder-Machine Operator Machinist Polisher Toolmaker Welder	.32 9 21 82 10 11 45	1.780 1.475 1.900 1.250 1.780 2.230 1.350	2.042 2.327 2.216 2.344 1.874 2.459 2.112	2.010 2.170 2.060 2.395 1.950 2.310 2.050	2.490 2.820 2.700 2.000 2.820 2.820 2.820





Occupation Title	No. of Positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator-Recept. Tabulating Machine Operator	30 173 40 73 52 22 15	\$ 1.520 \$ 1.250 1.280 1.250 1.470 1.400 1.570	2.890 1.950 2.026 2.196 1.974 1.901 2.047	\$ 3.108 2.006 1.994 2.277 1.914 2.010 1.570	3.920 2.911 3.200 2.910 2.550 2.188 3.207
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance Maintenance Man Millwright	78 311 384 458	1.500 1.800 1.500 1.915	2.462 2.718 2.555 2.669	2.485 2.750 2.540 2.680	3.060 3.390 3.390 3.390 3.390
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk ReceivingClerk Truck Driver Watchman	115 14 26 23 154 114	1.250 1.500 1.250 1.500 1.250 1.600	1.979 2.061 2.024 2.133 2.043 2.078	2.020 2.090 2.150 2.150 2.160 2.070	2.310 2.440 3.175 2.550 2.640 2.480
PRODUCTION					
Back Tender Barker - Drum Beater Man Bleacher Man Calender Opr. (Super Calender) Crane Operator Grinderman Paper Machine Tender Paper Tester Pulp Tester	249 78 219 51 209 47 217 277 150 57	1.870 1.810 1.630 1.600 2.080 1.600 1.630 1.630 1.930	2.792 2.002 2.416 2.303 2.212 2.334 2.220 2.938 2.275 2.171	2.750 2.070 2.310 2.260 2.200 2.300 2.210 2.820 2.290 2.180	4.700 2.580 4.770 2.610 2.990 3.070 2.850 5.010 2.740 2.430



Occupation Title	No. of Positions	<u>Minimum</u>	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Switchboard Operator-Recept.	11 136 6 33 15	\$ 1.400 \$ 1.250 1.480 1.250 1.250 1.250	2.366 1.538 1.873 1.932 1.612	\$ 2.370 1.476 1.725 1.900 1.620	\$ 3.875 2.350 2.500 2.660 1.980
MAINTENANCE					
Electrician, Maintenance Maintenance Man	·3 10	2.126 1.850	2.580 2.655	2.240 2.670	3.375 3.625
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Truck Driver Watchman	43 9 6 9	1.200 1.250 1.250 1.250 1.250	1.595 1.682 1.438 1.376	1.637 1.626 1.475 1.250	1.930 2.540 1.600 1.693
PRODUCTION					
Artist Bindery Operator Compositor Lithographer Linotype Operator Photographer Pressman Proof Reader Sterotyper	12 111 182 22 84 19 109 42 30	1.625 1.250 1.250 1.500 1.500 1.750 1.344 1.250 1.510	2.289 1.535 2.853 1.783 2.789 2.797 2.367 1.805 2.912	2.235 1.400 3.253 1.800 2.730 3.030 2.200 1.960 3.200	3.410 2.878 3.440 2.500 3.290 3.670 3.360 2.270 3.290

OCCUPATIONAL WAGE RATES





Occupation Title	No. of Positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Switchboard Operator-Recept.	7 35 7 10 3	\$ 1.642 \$ 1.250 1.375 1.450 1.250	2.556 1.489 1.507 1.777 1.403	\$ 2.625 1.500 1.550 1.680 1.410	\$ 3.750 1.850 1.600 2.575 1.550
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance Maintenance Man	12 10 25	1.350 1.575 1.650	1.831 1.981 1.829	1.885 2.070 1.850	2.070 2.550 2.100
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Truck Driver Watchman	7 6 5 9 6	1.250 1.375 1.500 1.300 1.250	1.380 1.708 1.730 1.568 1.300	1.420 1.625 1.550 1.500 1.300	1.500 2.200 2.500 1.920 1.350
PRODUCTION					
Buffer Compound Man Driller Finisher Packer Press Operator Laborer	26 10 10 37 72 64 280	1.250 1.500 1.350 1.250 1.250 1.250 1.250 1.250	1.492 1.905 1.410 1.556 1.703 1.884 1.574	1.475 2.070 1.375 1.770 1.770 2.000 1.600	2.150 2.100 1.500 2.080 2.300 2.000 1.800





STONE, CLAY AND GLASS PRODUCTS INDUSTRY

Occupation Title	No. of Positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Switchboard Operator-Recept.	4 16 3 3	\$ 1.500 \$ 1.155 1.400 1.250	5 1.858 1.565 1.827 1.473	\$ 1.940 1.550 2.000 1.560	\$ 2.050 2.000 2.080 1.610
MAINTENANCE					
Carpenter, Maintenance Maintenance Man	3 18	1.450 1.390	1.693 1.914	1.600 1.825	2.030 2.400
CUSTODIAL AND MATERIAL MOVEMENT					
Shipping Clerk Truck Driver Watchman	4 94 8	1.250 1.250 1.250	1.758 1.435 1.630	1.875 1.400 1.500	2.031 2.000 2.750
PRODUCTION					
Brickmaker Bulldozer Operator Burner (Kiln) Crane Operator Crusher Operator Fork Lift Operator Pneumatic Drill Operator Shovel Operator Laborer	16 9 13 16 12 12 17 10 218	1.450 1.450 1.400 1.370 1.250 1.410 1.370 1.500 1.250	3.028 1.683 1.512 1.833 1.464 1.566 1.659 1.910 1.401	3.500 1.700 1.400 1.840 1.400 1.600 1.500 1.875 1.350	3.500 1.950 1.750 2.330 1.870 1.660 2.400 2.250 2.100

OCCUPATIONAL WAGE RATES



textile INDUSTRY

Occupation Title	No. of Positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General Switchboard Operator-Recept. Tabulating Machine Operator	20 181 50 19 14 14 14	\$ 1.400 \$ 1.250 1.250 1.290 1.375 1.250 1.365	2.084 1.540 1.555 1.725 1.613 1.531 1.810	\$ 1.988 1.500 1.529 1.750 1.628 1.498 1.825	\$ 2.750 2.900 2.150 2.340 1.840 1.840 2.494
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance Maintenance Man Millwright	63 53 187 40	1.150 1.345 1.250 1.250	1.802 1.883 1.704 1.666	1.855 1.900 1.665 1.650	2.150 2.300 2.875 2.750
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Receiving Clerk Truck Driver Watchman	97 37 55 15 31 100	1.250 1.250 1.250 1.435 1.250 1.250 1.250	1.376 1.560 1.549 1.641 1.580 1.489	1.360 1.553 1.500 1.520 1.600 1.475	1.610 2.230 2.320 2.240 2.250 2.040
PRODUCTION					
Battery Hand Card Grinder Card Tender Doffer Dye-Machine Tender Loom Fixer Mender - Cloth Percher Spinner - Frames Weaver	247 68 267 240 177 277 392 143 458 453	1.250 1.375 1.250 1.250 1.250 1.450 1.250 1.250 1.250 1.250 1.250	1.427 1.689 1.441 1.611 1.553 2.052 1.477 1.496 1.596 1.942	1.450 1.745 1.410 1.600 1.530 2.165 1.435 1.450 1.600 1.920	1.760 2.125 1.800 2.700 2.000 3.370 1.830 1.830 1.870 2.080 2.471



Occupation Title	No. of Positions	Minimum	Hourly Mean	Wage Rates Median	Maximum
OFFICE					
Accountant, General General Clerk Payroll Clerk Secretary Stenographer, General	8 29 8 20 6	\$ 1.650 \$ 1.250 1.450 1.250 1.450 1.450	2.599 1.538 1.798 1.824 1.593	\$ 2.500 1.525 1.775 1.800 1.600	\$ 3.650 2.000 2.275 2.440 1.785
MAINTENANCE					
Carpenter, Maintenance Electrician, Maintenance Maintenance Man Millwright	16 24 5 13	1.430 1.700 1.550 1.980	1.959 2.338 1.830 2.209	2.050 2.360 1.800 2.210	2.490 2.490 2.350 2.490
CUSTODIAL AND MATERIAL MOVEMENT					
Janitor Shipping and Receiving Clerk Shipping Clerk Truck Driver Watchman	18 13 3 11 6	1.450 1.375 1.500 1.550 1.250	1.845 1.935 1.677 2.090 1.513	1.880 1.990 1.550 2.100 1.470	2.100 2.490 1.980 2.490 2.140
PRODUCTION					
Grinder Machine Operator Heat Treater Joiner Machinist Painter Tool-and-Die Maker Turret Lathe Operator Laborer	73 22 40 211 33 18 54 26	1.620 1.440 1.250 1.290 1.250 2.250 1.650 1.350	1.768 1.909 1.480 2.265 1.745 2.536 1.969 1.783	1.720 1.840 1.350 2.350 1.750 2.630 1.900 1.770	2.450 2.290 2.100 2.490 2.490 2.630 2.450 1.880

OCCUPATIONAL DESCRIPTIONS

OFFICE

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.



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 Material	рир Movement _ емріотеез
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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. <u>Shipping work involves</u>: 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. <u>Receiving work involves</u>: 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.

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.

OCCUPATIONAL DESCRIPTIONS



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. <u>Driver-salesmen and over-the-road drivers have been</u> <u>excluded</u>.

WATCHMAN

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



| || |_____| 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 $\underline{completed}$ garments prior to pressing or shipping.

PRESSER - FINISH MACHINE

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

SEWER - HAND FINISHER

Performs sewing operations by hand including sewing on buttons, making buttonholes, stitching edges, closing openings that have been left by various hand and machine operations. Workers who specialize in sewing tickets or labels are excluded.

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 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.

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.

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.



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

 $\label{eq:performs short-cycle repetitive assembling operations.$

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.

SCREW MACHINE OPERATOR, AUTOMATIC

Tends one or more single or multiple-spindle automatic screw machines that turn and thread, externally and internally, cylindrical objects from metal bars and rods.

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.



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.

HEAT TREATER

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

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-metalworking 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,



LABORER

One who performs unskilled labor.

FOOD AND RINDRED 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.

BOTTLE CAPPER

Operates an automatic bottle capping machine. Observes bottles as they emerge from machine and removes defective ones. Keeps magazine filled with caps and makes adjustments when necessary.

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 pack-ing 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.



ASSEMBLER

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

BELT SANDER

Smoothes 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.

GLUER

Applies glue to edges or surfaces of wooden pieces to be joined; assembles and clamps glued parts into a press to dry. May also prepare glue.

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.





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.

FLESHER-MACHINE OPERATOR

Removes flesh and foreign matter from hides and skins by use of a machine equipped with two rollers.

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.



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.

HEAD SAW OPERATOR

Operates any one of various types of head saws.

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

Smoothes 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 smoothes irregular shaped wooden pieces.



MOCHINGRY (Except Electrical) 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.

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 and unloading.

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.



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.

CRANE OPERATOR

Operates crane to hoist and move pulpwood.

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.





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.

PHOTOENGRAVER (Engraving Operator)

Prepares copper or zinc plates used in printing by nailing plates to wooden blocks, photographs illustration material to prepare negatives that are to be used in preparing plates for etching.

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.



BUFFER

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

COMPOUND MAN

Weighs 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

 $\ensuremath{\mathsf{Packs}}$ 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.

STAMPER

One who affixes labels or stamps to articles by hand or machine, prints identification data or designs on articles, or stamps metal or other material.

LABORER

One who performs unskilled work.



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.

STONE-GRADER

Inspects and measures newly quarried stone, and classifies it as to quality.

LABORER

One who performs unskilled labor.



BATTERY HAND

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

CARD GRINDER

Sharpens and grinds carding cylinders either by attaching $em \overline{e}r y$ covered grinder rollers to the cylinders or by removing cylinders and grinding on a separate machine.

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 DESCRIPTIONS Production Employees



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.

LAY-OUT MAN

Outlines patterns and marks shapes on glass, sheet or structural metal, plastics, or other materials for subsequent assembling, bending, cutting, or punching.

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.