



International Labour Organization
Organisation internationale du Travail
Organización Internacional del Trabajo

*Updating the
International Standard Classification of Occupations (ISCO)*

*Draft ISCO-08 Group Definitions:
Occupations in Wood and Pulp*

ISCO-08 Draft Definitions - Wood and pulp

ISCO 08 Code

752

Title EN

Lead Statement

Wood treaters, cabinet-makers and related trades workers preserve and treat wood; produce waferboards, particleboards, hardboards, insulation boards, plywood, veneers and similar wood products; and make, decorate and repair wooden furniture, vehicles and other wooden products. They use specialized hand tools and set-up, operate and tend wood processing and woodworking equipment, machines and machine tools.

Task statement

Tasks performed usually include: operating and tending treating and other equipment to dry lumber and other wood products, and to treat chemically and impregnate wood products with preservatives; operating woodworking machines to cut, shape and form parts and components; studying plans, verifying dimensions of articles to be made, fitting parts together to form complete units and checking the quality and fit of pieces to ensure adherence to specifications; setting and adjusting various kinds of machines for operation by others; setting-up, programming, operating and monitoring several types of woodworking machines to fabricate, repair or refinish wooden parts for furniture, fixtures and other wood products; and reading and interpreting specifications or following verbal instructions.

Included occupations

Occupations in this minor group are classified into the following unit groups:

- 7521 Wood treaters -
- 7522 Cabinet-makers and related workers
- 7523 Woodworking-machine tool setters and operators

Excluded occupations

- Wood processing plant operators - 8172
- Wood and related products assemblers - 8215

Notes

ISCO 88 Code(s)

ISCO 08 Code

7521

Title EN**Wood treaters****Lead Statement**

Wood treaters operate and tend wood treatment processing equipment and machines to remove bark from logs, produce wood chips, season, preserve and treat wood, and produce waferboards, particleboards, hardboards, insulation boards, plywood, veneers and similar wood products.

Task statement

Tasks include:

- (a) operating and tending kilns, treating tanks and other equipment to dry lumber, prepare and season wood and other wood products, and to treat chemically and impregnate wood products with preservatives;
- (b) monitoring equipment operation, gauges, and panel lights in order to detect deviations from standards and to ensure that processes are operating according to specifications;
- (c) assisting in maintaining processing equipment and machines as required;
- (d) cleaning, lubricating and adjusting equipment;
- (e) transporting materials and products to and from work areas, manually or using carts, handtrucks, or hoists;
- (f) completing and maintaining production reports.

Included occupations

- Dry Kiln Operator
- Examples of the occupations classified here:
- Lumber kiln operator
- Veneer dryer tender
- Wood seasoner
- Wood treater

Excluded occupations

Some related occupations classified elsewhere:

- Wood processing plant operators - 8172

Notes**ISCO 88 Code(s)**

7421

ISCO 08 Code

7522

Title EN**Cabinet-makers and related workers****Lead Statement**

Cabinet-makers and related workers make, decorate and repair wooden furniture, carts and other vehicles, wheels, parts, fittings, patterns, models and other wooden products using woodworking machines, machine tools and specialized hand tools.

Task statement

Tasks include:

- (a) operating woodworking machines, such as power saws, jointers, mortisers and shapers, and using hand tools to cut, shape and form parts and components;
- (b) studying plans, verifying dimensions of articles to be made, or preparing specifications and checking the quality and fit of pieces in order to ensure adherence to specifications;
- (c) trimming joints and fitting parts and subassemblies together to form complete units using glue and clamps, and reinforcing joints using nails, screws or other fasteners;
- (d) making, restyling and repairing various wooden articles, such as cabinets, furniture, vehicles, scale models, sports equipment and other parts or products;
- (e) decorating furniture and fixtures by inlaying wood, applying veneer and carving designs;
- (f) finishing surfaces of wooden articles or furniture.

Included occupations

Examples of the occupations classified here:

- Cabinet-maker
- Cart-wright
- Furniture cabinetmaker
- Wheel-wright
- Wood patternmaker

Excluded occupations

Some related occupations classified elsewhere:

- Carpenters and joiners - 7115
- Craft and related workers not elsewhere classified - 7549
- Wood and related products assemblers - 8215

Notes**ISCO 88 Code(s)**

7422

ISCO 08 Code

7523

Title EN**Woodworking-machine tool setters and operators****Lead Statement**

Woodworking-machine tool setters and operators set-up or operate and monitor automatic or semi-automatic woodworking machines, such as precision sawing, shaping, planing, boring, turning and woodcarving machines to fabricate or repair wooden parts for furniture, fixtures and other wooden products.

Task statement

Tasks include:

- (a) setting-up, programming, operating and monitoring several types of woodworking machines for sawing, shaping, boring, drilling, planing, pressing, turning, sanding or carving to fabricate or repair wooden parts for furniture, fixtures and other wooden products;
- (b) operating preset special-purpose woodworking machines to fabricate wooden products such as coat hangers, mop handles, clothes pins and other products;
- (c) selecting knives, saws, blades, cutter heads, cams, bits, or belts according to workpiece, machine functions and product specifications;
- (d) installing and adjusting blades, cutterheads, boring-bits and sanding-belts, and using hand tools and rules;
- (e) setting and adjusting various kinds of woodworking machines for operation by others;
- (f) reading and interpreting specifications or following verbal instructions.

Included occupations

Examples of the occupations classified here:

- Carving/wood machine-operator
- Furniture production machine-operator
- Precision woodworking sawyer
- Wood products machine-operator
- Wood turner
- Woodworking lathe operator
- Woodworking machine setter
- Woodworking machine setter-operator
- Woodworking machine set-up operator

Excluded occupations

- Wood and related products assemblers – 8215

Notes**ISCO 88 Code(s)**

7423, 8240

ISCO 08 Code**817****Title EN****Wood processing and papermaking plant operators****Lead Statement**

Wood processing and papermaking plant operators monitor, operate, and control automated lumber mill equipment sawing wood, cutting veneer and making plywood, and otherwise preparing wood for further use. Pulp mill machine operators operate and monitor various types of processing machinery and equipment to produce pulp.

Task statement

Tasks include:

- (a) examining logs and rough lumber to determine size, condition, quality and other characteristics to decide best lumber cuts to carry out, or operating automated equipment to convey logs through laser scanners which determine the most productive and profitable cutting patterns;
- (b) sorting, stacking and placing logs and wood billets onto conveyors and lathes from trucks for processing into chips, veneers and pulp;
- (c) operating and monitoring screening equipment, bleaching equipment, digesters, mixing tanks, washers, and other pulp processing machinery and equipment to carry out one or more cellulose processing steps;
- (d) observing equipment and machinery panel indicators, gauges, level indicators and other equipment instruments to detect machinery and equipment malfunctions and ensure process steps are carried out according to specifications;
- (e) operating and monitoring plywood core-laying machines and hot-plate plywood presses and machines which cut veneer;
- (f) transporting processed wood products, such as plywood, chipboard sheets and panels to work areas.

Included occupations

Occupations in this minor group are classified into the following unit groups:

- 8171 Pulp and papermaking plant operators
- 8172 Wood processing plant operators

Excluded occupations**Notes****ISCO 88 Code(s)**

ISCO 08 Code**8171****Title EN****Pulp and papermaking plant operators****Lead Statement**

Pulp and papermaking plant operators operate and monitor multi-function process control machinery and processing equipment to control the processing of wood, scrap pulp and other cellulose materials in the production of pulp.

Task statement

Tasks include:

- (a) co-ordinating and monitoring the operation of screening equipment, washing equipment, digesters, mixing tanks and other pulp processing equipment from automated panel boards in central control room to control the processing of wood, scrap pulp, recyclable paper and other cellulose materials;
- (b) operating and monitoring screening equipment, bleaching equipment, digesters, mixing tanks, washers and other pulp processing machinery and equipment to carry out one or more cellulose processing steps;
- (c) controlling start-up and shut-down of process machinery and equipment, and observing equipment and machinery panel indicators, gauges, level indicators and other equipment instruments to detect machinery and equipment malfunctions and ensure process steps are carried out according to specifications;
- (d) analyzing instrument readings and production test samples and making adjustments to pulp production process and equipment as required;
- (e) completing and maintaining production reports.

Included occupations

- Paper and pulp mill worker
- Pulp and paper assistant bleacher operator
- Pulp and paper digester operator
- Pulp and paper grinderman/woman
- Pulp and paper refiner operator
- Pulping control operator
- Pulping technician
- Repulper operator
- Thermo-mechanical pulp assistant operator

Excluded occupations**Notes****ISCO 88 Code(s)**

8142, 8143, part

ISCO 08 Code**8172****Title EN****Wood processing plant operators****Lead Statement**

Wood-processing-plant operators monitor, operate, and control automated lumber mill equipment for sawing timber logs into rough lumber, cutting veneer and making plywood, and otherwise preparing wood for further use.

Task statement

Tasks include:

- (a) examining logs and rough lumber to determine size, condition, quality and other characteristics to decide best lumber cuts to carry out, or operating automated equipment to convey logs through laser scanners which determine the most productive and profitable cutting patterns;
- (b) operating and monitoring log in-feed and conveyor systems;
- (c) operating and monitoring automated lumber mill equipment from control rooms or equipment consoles head saws, resaws and multiblade saws to saw logs, cants, flitches, slabs or wings and remove rough edges from sawn timber into dressed lumber of various sizes, and saw or split shingles and shakes;
- (d) operating and monitoring plywood core-laying machines and hot-plate plywood presses and machines which cut veneer;
- (e) cleaning and lubricating sawmill equipment.

Included occupations

Examples of the occupations classified here:

- Circular-saw operator
- Log cut-off operator
- Plywood press-operator
- Sawmill operator
- Sawmill planer operator
- Sawmill trimmer operator
- Wood-processing plant sawyer

Excluded occupations

Some related occupations classified elsewhere:

- Wood treaters - 7521

Notes**ISCO 88 Code(s)**

8141