



HEALTHIER WORKPLACES | A HEALTHIER WORLD

IH/OEHS Exposure Profiles in Printing Publishing and Allied Industries

NOTE: To search within this table, "Control - F" on your keyboard.

The data from the OSHA IMIS does not specify the job title or position description of the worker who was sampled. Therefore, the identification of the Exposed Personnel reflects the best judgement of the author of the profile.

Occupational health exposures don't include all of the maintenance, utility, helpers, and assistants that have not been evaluated by referenced sources.

Type of Operation	Exposed Personnel	Health Hazard	OSHA Standard
Gravure Printing	Paper Handler	2-Butoxyethanol	1910.1000
Gravure Printing	Paper Handler	2-Propoxyethanol	1910.1000
Gravure Printing	Paper Handler	Acrolein	1910.1000
Gravure Printing	Paper Handler	Benzene	1910.1028
Gravure Printing	Paper Handler	Chlorobenzene	1910.1000
Gravure Printing	Paper Handler	Cumene	1910.1000
Gravure Printing	Paper Handler	Cyclohexane	1910.1000
Gravure Printing	Paper Handler	Dichlorobenzene	1910.1000
Gravure Printing	Paper Handler	Ergonomic Hazards (MSD)	Section (5)(a)(1)
Gravure Printing	Paper Handler	Ethyl Acetate	1910.1000
Gravure Printing	Paper Handler	Ethyl Alcohol	1910.1000
Gravure Printing	Paper Handler	Ethylbenzene	1910.1000
Gravure Printing	Paper Handler	Glycol Ether	1910.1000
Gravure Printing	Paper Handler	Heat Stress	Section (5)(a)(1)
Gravure Printing	Paper Handler	Hydrochloric Acid	1910.1000
Gravure Printing	Paper Handler	Isocyanates	1910.1000
Gravure Printing	Paper Handler	Isopropyl Alcohol	1910.1000
Gravure Printing	Paper Handler	Kerosene	1910.1000
Gravure Printing	Paper Handler	Methyl Alcohol	1910.1000
Gravure Printing	Paper Handler	Methyl Ethyl Ketone	1910.1000
Gravure Printing	Paper Handler	Methylene Chloride	1910.1000
Gravure Printing	Paper Handler	n-hexane	1910.1000
Gravure Printing	Paper Handler	Nitric Acid	1910.1000
Gravure Printing	Paper Handler	Noise	1910.95
Gravure Printing	Paper Handler	n-Propyl Alcohol	1910.1000
Gravure Printing	Paper Handler	Oil Mist	1910.1000
Gravure Printing	Paper Handler	Other Organic Solvents	1910.1000
Gravure Printing	Paper Handler	Particulate (Paper/Cellulose)	1910.1000
Gravure Printing	Paper Handler	Perchloroethylene	1910.1000
Gravure Printing	Paper Handler	Petroleum naphtha	1910.1000
Gravure Printing	Paper Handler	Phosphoric Acid	1910.1000
Gravure Printing	Paper Handler	Propyl Benzene	Section (5)(a)(1)
Gravure Printing	Paper Handler	Stoddard Solvent	1910.1000

IH/OEHS Exposure Profiles**Printing Publishing and Allied Industries**

To search within this table, "Control - F" on your keyboard.

Type of Operation	Exposed Personnel	Health Hazard	OSHA Standard
Gravure Printing	Paper Handler	Styrene	1910.1000
Gravure Printing	Paper Handler	Sulfuric Acid	1910.1000
Gravure Printing	Paper Handler	Toluene	1910.1000
Gravure Printing	Paper Handler	Total Hydrocarbon	Section (5)(a)(1)
Gravure Printing	Paper Handler	Trimethylbenzenes	1910.1000
Gravure Printing	Paper Handler	Xylene	1910.1000
Gravure Printing	Plate Handler	2-Butoxyethanol	1910.1000
Gravure Printing	Plate Handler	2-Propoxyethanol	1910.1000
Gravure Printing	Plate Handler	Acrolein	1910.1000
Gravure Printing	Plate Handler	Benzene	1910.1028
Gravure Printing	Plate Handler	Chlorobenzene	1910.1000
Gravure Printing	Plate Handler	Cumene	1910.1000
Gravure Printing	Plate Handler	Cyclohexane	1910.1000
Gravure Printing	Plate Handler	Dichlorobenzene	1910.1000
Gravure Printing	Plate Handler	Ergonomic Hazards (MSD)	Section (5)(a)(1)
Gravure Printing	Plate Handler	Ethyl Acetate	1910.1000
Gravure Printing	Plate Handler	Ethyl Alcohol	1910.1000
Gravure Printing	Plate Handler	Ethylbenzene	1910.1000
Gravure Printing	Plate Handler	Glycol Ether	1910.1000
Gravure Printing	Plate Handler	Heat Stress	Section (5)(a)(1)
Gravure Printing	Plate Handler	Hydrochloric Acid	1910.1000
Gravure Printing	Plate Handler	Isocyanates	1910.1000
Gravure Printing	Plate Handler	Isopropyl Alcohol	1910.1000
Gravure Printing	Plate Handler	Kerosene	1910.1000
Gravure Printing	Plate Handler	Methyl Alcohol	1910.1000
Gravure Printing	Plate Handler	Methyl Ethyl Ketone	1910.1000
Gravure Printing	Plate Handler	Methylene Chloride	1910.1000
Gravure Printing	Plate Handler	n-hexane	1910.1000
Gravure Printing	Plate Handler	Nitric Acid	1910.1000
Gravure Printing	Plate Handler	Noise	1910.95
Gravure Printing	Plate Handler	n-Propyl Alcohol	1910.1000
Gravure Printing	Plate Handler	Oil Mist	1910.1000
Gravure Printing	Plate Handler	Other Organic Solvents	1910.1000
Gravure Printing	Plate Handler	Particulate (Paper/Cellulose)	1910.1000
Gravure Printing	Plate Handler	Perchloroethylene	1910.1000
Gravure Printing	Plate Handler	Petroleum naphtha	1910.1000
Gravure Printing	Plate Handler	Phosphoric Acid	1910.1000
Gravure Printing	Plate Handler	Propyl Benzene	Section (5)(a)(1)
Gravure Printing	Plate Handler	Stoddard Solvent	1910.1000

IH/OEHS Exposure Profiles**Printing Publishing and Allied Industries**

To search within this table, "Control - F" on your keyboard.

Type of Operation	Exposed Personnel	Health Hazard	OSHA Standard
Gravure Printing	Plate Handler	Styrene	1910.1000
Gravure Printing	Plate Handler	Sulfuric Acid	1910.1000
Gravure Printing	Plate Handler	Toluene	1910.1000
Gravure Printing	Plate Handler	Total Hydrocarbon	Section (5)(a)(1)
Gravure Printing	Plate Handler	Trimethylbenzenes	1910.1000
Gravure Printing	Plate Handler	Xylene	1910.1000
Lithographic Offset Print	Paper Handler	2-Butoxyethanol	1910.1000
Lithographic Offset Print	Paper Handler	2-Propoxyethanol	1910.1000
Lithographic Offset Print	Paper Handler	Acrolein	1910.1000
Lithographic Offset Print	Paper Handler	Benzene	1910.1028
Lithographic Offset Print	Paper Handler	Chlorobenzene	1910.1000
Lithographic Offset Print	Paper Handler	Cumene	1910.1000
Lithographic Offset Print	Paper Handler	Cyclohexane	1910.1000
Lithographic Offset Print	Paper Handler	Dichlorobenzene	1910.1000
Lithographic Offset Print	Paper Handler	Ergonomic Hazards (MSD)	Section (5)(a)(1)
Lithographic Offset Print	Paper Handler	Ethyl Acetate	1910.1000
Lithographic Offset Print	Paper Handler	Ethyl Alcohol	1910.1000
Lithographic Offset Print	Paper Handler	Ethylbenzene	1910.1000
Lithographic Offset Print	Paper Handler	Glycol Ether	1910.1000
Lithographic Offset Print	Paper Handler	Heat Stress	Section (5)(a)(1)
Lithographic Offset Print	Paper Handler	Hydrochloric Acid	1910.1000
Lithographic Offset Print	Paper Handler	Isocyanates	1910.1000
Lithographic Offset Print	Paper Handler	Isopropyl Alcohol	1910.1000
Lithographic Offset Print	Paper Handler	Kerosene	1910.1000
Lithographic Offset Print	Paper Handler	Methyl Alcohol	1910.1000
Lithographic Offset Print	Paper Handler	Methyl Ethyl Ketone	1910.1000
Lithographic Offset Print	Paper Handler	Methylene Chloride	1910.1000
Lithographic Offset Print	Paper Handler	n-hexane	1910.1000
Lithographic Offset Print	Paper Handler	Nitric Acid	1910.1000
Lithographic Offset Print	Paper Handler	Noise	1910.95
Lithographic Offset Print	Paper Handler	n-Propyl Alcohol	1910.1000
Lithographic Offset Print	Paper Handler	Oil Mist	1910.1000
Lithographic Offset Print	Paper Handler	Other Organic Solvents	1910.1000
Lithographic Offset Print	Paper Handler	Particulate (Paper/Cellulose)	1910.1000
Lithographic Offset Print	Paper Handler	Perchloroethylene	1910.1000
Lithographic Offset Print	Paper Handler	Petroleum naphtha	1910.1000
Lithographic Offset Print	Paper Handler	Phosphoric Acid	1910.1000
Lithographic Offset Print	Paper Handler	Propyl Benzene	Section (5)(a)(1)
Lithographic Offset Print	Paper Handler	Stoddard Solvent	1910.1000

IH/OEHS Exposure Profiles**Printing Publishing and Allied Industries**

To search within this table, "Control - F" on your keyboard.

Type of Operation	Exposed Personnel	Health Hazard	OSHA Standard
Lithographic Offset Print	Paper Handler	Styrene	1910.1000
Lithographic Offset Print	Paper Handler	Sulfuric Acid	1910.1000
Lithographic Offset Print	Paper Handler	Toluene	1910.1000
Lithographic Offset Print	Paper Handler	Total Hydrocarbon	Section (5)(a)(1)
Lithographic Offset Print	Paper Handler	Trimethylbenzenes	1910.1000
Lithographic Offset Print	Paper Handler	Xylene	1910.1000
Lithographic Offset Print	Plate Handler	2-Butoxyethanol	1910.1000
Lithographic Offset Print	Plate Handler	2-Propoxyethanol	1910.1000
Lithographic Offset Print	Plate Handler	Acrolein	1910.1000
Lithographic Offset Print	Plate Handler	Benzene	1910.1028
Lithographic Offset Print	Plate Handler	Chlorobenzene	1910.1000
Lithographic Offset Print	Plate Handler	Cumene	1910.1000
Lithographic Offset Print	Plate Handler	Cyclohexane	1910.1000
Lithographic Offset Print	Plate Handler	Dichlorobenzene	1910.1000
Lithographic Offset Print	Plate Handler	Ergonomic Hazards (MSD)	Section (5)(a)(1)
Lithographic Offset Print	Plate Handler	Ethyl Acetate	1910.1000
Lithographic Offset Print	Plate Handler	Ethyl Alcohol	1910.1000
Lithographic Offset Print	Plate Handler	Ethylbenzene	1910.1000
Lithographic Offset Print	Plate Handler	Glycol Ether	1910.1000
Lithographic Offset Print	Plate Handler	Heat Stress	Section (5)(a)(1)
Lithographic Offset Print	Plate Handler	Hydrochloric Acid	1910.1000
Lithographic Offset Print	Plate Handler	Isocyanates	1910.1000
Lithographic Offset Print	Plate Handler	Isopropyl Alcohol	1910.1000
Lithographic Offset Print	Plate Handler	Kerosene	1910.1000
Lithographic Offset Print	Plate Handler	Methyl Alcohol	1910.1000
Lithographic Offset Print	Plate Handler	Methyl Ethyl Ketone	1910.1000
Lithographic Offset Print	Plate Handler	Methylene Chloride	1910.1000
Lithographic Offset Print	Plate Handler	n-hexane	1910.1000
Lithographic Offset Print	Plate Handler	Nitric Acid	1910.1000
Lithographic Offset Print	Plate Handler	Noise	1910.95
Lithographic Offset Print	Plate Handler	n-Propyl Alcohol	1910.1000
Lithographic Offset Print	Plate Handler	Oil Mist	1910.1000
Lithographic Offset Print	Plate Handler	Other Organic Solvents	1910.1000
Lithographic Offset Print	Plate Handler	Particulate (Paper/Cellulose)	1910.1000
Lithographic Offset Print	Plate Handler	Perchloroethylene	1910.1000
Lithographic Offset Print	Plate Handler	Petroleum naphtha	1910.1000
Lithographic Offset Print	Plate Handler	Phosphoric Acid	1910.1000
Lithographic Offset Print	Plate Handler	Propyl Benzene	Section (5)(a)(1)
Lithographic Offset Print	Plate Handler	Stoddard Solvent	1910.1000

IH/OEHS Exposure Profiles**Printing Publishing and Allied Industries**

To search within this table, "Control - F" on your keyboard.

Type of Operation	Exposed Personnel	Health Hazard	OSHA Standard
Lithographic Offset Print	Plate Handler	Styrene	1910.1000
Lithographic Offset Print	Plate Handler	Sulfuric Acid	1910.1000
Lithographic Offset Print	Plate Handler	Toluene	1910.1000
Lithographic Offset Print	Plate Handler	Total Hydrocarbon	Section (5)(a)(1)
Lithographic Offset Print	Plate Handler	Trimethylbenzenes	1910.1000
Lithographic Offset Print	Plate Handler	Xylene	1910.1000
Lithographic Offset Print	Pressman	2-Butoxyethanol	1910.1000
Lithographic Offset Print	Pressman	2-Propoxyethanol	1910.1000
Lithographic Offset Print	Pressman	Acrolein	1910.1000
Lithographic Offset Print	Pressman	Benzene	1910.1028
Lithographic Offset Print	Pressman	Chlorobenzene	1910.1000
Lithographic Offset Print	Pressman	Cumene	1910.1000
Lithographic Offset Print	Pressman	Cyclohexane	1910.1000
Lithographic Offset Print	Pressman	Dichlorobenzene	1910.1000
Lithographic Offset Print	Pressman	Ergonomic Hazards (MSD)	Section (5)(a)(1)
Lithographic Offset Print	Pressman	Ethyl Acetate	1910.1000
Lithographic Offset Print	Pressman	Ethyl Alcohol	1910.1000
Lithographic Offset Print	Pressman	Ethylbenzene	1910.1000
Lithographic Offset Print	Pressman	Glycol Ether	1910.1000
Lithographic Offset Print	Pressman	Heat Stress	Section (5)(a)(1)
Lithographic Offset Print	Pressman	Hydrochloric Acid	1910.1000
Lithographic Offset Print	Pressman	Isocyanates	1910.1000
Lithographic Offset Print	Pressman	Isopropyl Alcohol	1910.1000
Lithographic Offset Print	Pressman	Kerosene	1910.1000
Lithographic Offset Print	Pressman	Methyl Alcohol	1910.1000
Lithographic Offset Print	Pressman	Methyl Ethyl Ketone	1910.1000
Lithographic Offset Print	Pressman	Methylene Chloride	1910.1000
Lithographic Offset Print	Pressman	n-hexane	1910.1000
Lithographic Offset Print	Pressman	Nitric Acid	1910.1000
Lithographic Offset Print	Pressman	Noise	1910.95
Lithographic Offset Print	Pressman	n-Propyl Alcohol	1910.1000
Lithographic Offset Print	Pressman	Oil Mist	1910.1000
Lithographic Offset Print	Pressman	Other Organic Solvents	1910.1000
Lithographic Offset Print	Pressman	Particulate (Paper/Cellulose)	1910.1000
Lithographic Offset Print	Pressman	Perchloroethylene	1910.1000
Lithographic Offset Print	Pressman	Petroleum naphtha	1910.1000
Lithographic Offset Print	Pressman	Phosphoric Acid	1910.1000
Lithographic Offset Print	Pressman	Propyl Benzene	Section (5)(a)(1)
Lithographic Offset Print	Pressman	Stoddard Solvent	1910.1000

IH/OEHS Exposure Profiles

Printing Publishing and Allied Industries

To search within this table, "Control - F" on your keyboard.

Type of Operation	Exposed Personnel	Health Hazard	OSHA Standard
Lithographic Offset Print	Pressman	Styrene	1910.1000
Lithographic Offset Print	Pressman	Sulfuric Acid	1910.1000
Lithographic Offset Print	Pressman	Toluene	1910.1000
Lithographic Offset Print	Pressman	Total Hydrocarbon	Section (5)(a)(1)
Lithographic Offset Print	Pressman	Trimethylbenzenes	1910.1000
Lithographic Offset Print	Pressman	Xylene	1910.1000
Plate making	Plate Maker	Benzene	1910.1028
Plate making	Plate Maker	Cumene	1910.1000
Plate making	Plate Maker	Ergonomic Hazards (MSD)	Section (5)(a)(1)
Plate making	Plate Maker	Ethyl Acetate	1910.1000
Plate making	Plate Maker	Heat Stress	Section (5)(a)(1)
Plate making	Plate Maker	Hydrofluoric Acid	1910.1000
Plate making	Plate Maker	Lead	1910.1025
Plate making	Plate Maker	Metal Fumes	1910.1000
Plate making	Plate Maker	Methyl Ethyl Ketone	1910.1000
Plate making	Plate Maker	Nitric Acid	1910.1000
Plate making	Plate Maker	Noise	1910.95
Plate making	Plate Maker	n-Propyl Alcohol	1910.1000
Plate making	Plate Maker	Ozone	1910.1000
Plate making	Plate Maker	Perchloroethylene	1910.1000
Plate making	Plate Maker	Petroleum naphtha	1910.1000
Plate making	Plate Maker	Propyl Benzene	Section (5)(a)(1)
Plate making	Plate Maker	Sulfuric Acid	1910.1000
Plate making	Plate Maker	Total Hydrocarbon	Section (5)(a)(1)

Additional information available at:

- [ILO Occupational Hazard Datasheets - Printer](#)
- [HazMap Printing Industry Profile](#)
- [IARC Monograph on Printing Industry](#)