

shall be entitled to the compensation for services rendered in said court provided by law for like services in the circuit court.”

SECTION 3. This act shall take effect and be in force from and after its passage and publication.

Approved April 14, 1899.

No. 110, S.]

[Published April 15, 1899.

CHAPTER 189.

AN ACT regulating the operation and use of emery wheels or emery belts of all kinds in factories or workshops, and prescribing a penalty for the violation thereof.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

Emery wheels and appliances to be hooded to prevent circulation of dust from.

SECTION 1. That all persons, companies or corporations operating any factory or workshop where emery wheels or emery belts of any description are used for polishing, either solid emery, leather, leather covered, felt, canvas, linen, paper, cotton or wheels or belts rolled or coated with emery or corundum, or cotton wheels used as buff, shall, when deemed necessary, by the factory inspector, assistant factory inspector, or any officers of the bureau of labor, provide such polishing wheels or belts with blower or similar apparatus, which shall be placed over, beside or under such wheels or belts in such manner as to protect the person or persons using the same from the particles of the dust produced and caused thereby, and to carry away the dust arising from or thrown off by such wheels or belts while in operation, directly to the outside of the building or to some recept-

acle placed so as to receive and confine such dust. Provided, that grinding machines upon which water is used at the point of the grinding contact shall be exempt from the provisions of this act; and provided that this act shall apply only to those wheels or belts which are used for polishing and which are contained in the room or apartment usually denominated the polishing room, and which are used continuously therein; and provided further, that this act shall not embrace nor apply to such wheels or belts as cannot be so equipped without impairing the convenient or necessary use thereof.

Certain exemptions.

SECTION 2. No emery wheels or grindstone in any factory, mill or workshop, shall be used when the same is known to the person using the same to be cracked or otherwise defective, nor operated at a greater speed than indicated or guaranteed by the manufacturer of such emery wheel or grindstone.

Defective wheels not to be used.

SECTION 3. It shall be the duty of any person, company or corporation operating any such factory or workshop to provide or construct such appliances, apparatus, machinery or other things necessary to carry out the purpose of this act, as set forth in the preceding section, as follows: each and every such wheel shall be fitted with a sheet or cast iron hood or hopper, of such form and so applied to such wheel or wheels that the dust or refuse therefrom will fall from such wheels, or will be thrown into such hood or hopper by centrifugal force, and be carried off by the current of air into a suction pipe attached to same hood or hopper.

Duties of firms operating emery appliances.

SECTION 4. Each and every such wheel six inches or less in diameter shall be provided with a three-inch suction pipe; wheels six inches to twenty-four inches in diameter, with four-inch suction pipe; wheels from twenty-four inches to thirty-six inches in diameter, with five-inch suction pipe; and all wheels larger in diameter than those stated above shall be provided each with a suction pipe not less than six inches in diameter.

Dimensions of suction pipes.

The suction pipe from each wheel, so specified, must be full size as to the main trunk suction pipe, and the main suction pipe to which smaller pipes are attached shall, in its diameter and capacity, be equal to the combined area of such smaller pipes attached to the same, and the discharge pipe from the exhaust fan connected with the suction pipe or pipes shall be as large, or larger than the suction pipe.

Firms to provide necessary fans and blowers.

SECTION 5. It shall be the duty of any person, company or corporation operating any such factory or workshop to provide the necessary fans or blowers to be connected with such pipe or pipes, as above set forth, which shall be run at a rate of speed as will produce a velocity of air in such suction or discharge pipes of sufficient force to carry away all dust discharged into the aforesaid hood or hopper. All branch pipes must enter the main trunk pipe at any angle of forty-five degrees or less; the main suction or trunk pipe shall be below the emery or buffing wheels, and as close to the same as possible, and to be either upon the floor or underneath the floor on which the machines are placed to which such wheels are attached. All bends, turns, and elbows in such pipes must be made with easy, smooth surfaces, having a radius in the throat of not less than two diameters of the pipe on which they are connected.

Exemptions.

SECTION 6. The provisions of section 4 and 5 shall not apply to existing mills, factories or workshops which, at the time of the passage of this act, have an appliance or appliances designed and used for the purpose of removing such dust from the polishing room, and which said appliance or appliances substantially effect such design.

Duty of factory inspector and deputies.

SECTION 7. It shall be the duty of every factory inspector of this state, or his deputies to enter any factory or workshop in this state during working hours, and upon ascertaining the facts that the proprietors or managers of such factory or workshops have failed to comply with

the provisions of this act, to make complaint of the same in writing before a justice of the peace or police magistrate having jurisdiction, who shall thereupon issue his warrant, directed to the owner, manager or director, in such factory or workshop, who shall be thereupon proceeded against for the violation of this act as hereinafter mentioned, and it is made the duty of the prosecuting attorney to prosecute all cases under this act.

SECTION 8. Any such person or persons or company, or managers, superintendents or directors of any such company or corporation, who shall have the charge or management of such factory or workshop, who shall fail to comply with the provisions of this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof before any court of competent jurisdiction shall be punished by a fine of not less than twenty-five dollars, and not exceeding one hundred dollars. Penalty for violations.

SECTION 9. This act shall take effect and be in force from and after its passage and publication.

Approved April 14, 1899.