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(PART-I)

PUNJAB GOVERNMENT NOTIFICATIONS AND ORDERS

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GOVERNMENT OF THE PUNJAB SERVICES AND GENERAL ADMINISTRATION DEPARTMENT

(SECTION ESTT-I)

DATED LAHORE, THE May 26, 2015

NOTIFICATION

No.SOEI.1-43/2015: MR. MUHAMMAD ASLAM JAVED (BS-19), Associate Professor of Islamiyat, Government Postgraduate College, Sattelite Town, Rawalpindi is promoted with immediate effect to the post of Professor (BS-20) on regular basis in his cadre and upon promotion he is posted as Professor of Islamiyat (BS-20) at the same college by upgrading the post of Associate Professor of Islamiyat (BS-19) to that of Professor of Islamiyat (BS-20).

2. MR. SHIFAAT YAR KHAN (BS-19), Associate Professor of English, Government College, Township, Lahore is promoted with immediate effect to the post of Professor (BS-20) on regular basis in his cadre and upon promotion he is posted as Professor of English (BS-20) at the same college by upgrading the post of Associate Professor of English (BS-19) to that of Professor of English (BS-20).

Magistrate 1st Class for the purpose of carrying out raids, conducting trials of offences and other ancillary matters, relating to Price Control under any Provincial/Federal Law for the time being in force, in his respective area of assigned jurisdiction in addition to his own duties. The officer is authorized to exercise the powers with immediate effect till further orders.

SR. NO.	NAME OF OFFICERS	DESIGNATION
1.	Mr. Nazir Ahmad Bhatti	DO Agriculture (EXT), Khanewal
2.	Mr. Shakaib Ahmad	DO (Civil Defence), Khanewal
3.	Mr. Naveed Sarwar Qureshi	DO (Labour), Khanewal
4.	Mr. Muhammad Zubair Abbasi	DO (IPWM), Khanewal
5.	Dr. Mushtaq Ahmad Zar	DO (Live stock), Khanewal
6.	Mr. Shoukat Hayat Majooka	TMO, Khanewal
7.	Mr. Saeed Ahmad	TMO, Mian Channu
8.	Muhammad Azhar Khan	TMO, Kabirwala
9.	Mr. Iftikhar Bangish	Tehsil Officer (Regulation), Khanewal
10.	Mr. Rao Muyhammad Yousaf	Tehsil Officer (Regulation), Khanewal
11.	Mr. Imtiaz Ahmad	Tehsil Officer (Regulation), Kabirwala
12.	Mr. Muhammad Munawar Gujjar	Tehsil Officer (Regulation), Jahanian

SECRETARY TO GOVERNMENT OF THE PUNJAB
HOME DEPARTMENT

GOVERNMENT OF THE PUNJAB
LABOUR & HUMAN RESOURCE DEPARTMENT

Dated Lahore the 26th May, 2015

NOTIFICATION

No. SO(Admn)4-12/2015. The following draft PUNJAB HAZARDOUS OCCUPATIONS (SILICON) RULES, 2015, which the Government of the Punjab proposes to make in pursuance of the provisions of sub-section (4) of Section 33-Q of the Factories Act, 1934 (XXV of 1934), is hereby published as required under Section 79 (1) of the said Act for information of the persons likely to be affected thereby and notice is hereby given that the said draft, together with any objections and suggestions with respect thereto, which may be received by the Secretary to the Government of Punjab, Labour and Human Resource Department, 2-Bank Road Old P&D Building Civil Secretariat, Lahore within ninety days of the publication of this notification in the Official Gazette in terms of Section 79 (2) of the said Act shall be taken into consideration after the expiry of mandatory period.

DRAFT RULES

1. **Short title and application.**—(1) These rules may be called the Punjab Hazardous Occupations (Silicon) Rules 2015

(2) These shall apply to all factories in which any operation specified in the Schedule is carried on.

(3) These shall come into force with immediate effect.

2. **Definitions.**—In these rules unless the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say—

- (a) "Act" means the Factories Act, 1934 (XXV of 1934);
- (b) "Certifying Surgeon" means a registered medical practitioner appointed as a certifying surgeon under Section 12 of the Act;
- (c) "Inspector" means the Inspector of Factories;
- (d) "Fitness Certificate" means a certificate granted by a certifying surgeon under rule 6;
- (e) "Silicon Compound" means any oxide of silicon, silica or silicon material used in the manufacturing of such compounds including quartz, tridymite or cristobalite; and
- (f) "Schedule" means the Schedule to these rules.

3. **Declaration of operations as Hazardous.**—The operations specified in the Schedule are declared to be Hazardous when carried on in any factory.

4. **Material Testing.**—The Occupier and the Manager of the factory to which these rules apply shall get petrographic test or X-Ray Diffraction (XRD) of the material / substance used in the manufacturing process after every twelve months and shall maintain record for the inspection of the Inspector of Factories.

5. **Sampling.**—(1) When an Inspector of Factories suspects that any substance used or intended to be used in any factory contains a silicon or silica compound, he may at any time take for analysis sufficient samples of that substance.

(2) The manager of the factory may at the time when a sample is taken and on providing the necessary appliances, require the Inspector to divide the sample into three parts and to make them sealed.

(3) The Inspector will deliver one part to the Manager duly sealed and will retain two parts, one for laboratory testing and one to be retained by him.

(4) The Inspector shall immediately send one part of the sealed sample to the laboratory for testing duly authorized or competent to carry out petrographic or X-Ray Diffraction Test as the case may be.

(5) The fees for sample testing under these rules, shall be borne by the occupier.

(6) The Inspector shall proceed further under the Factories Act, 1934 and the rules in case of positive result of petrographic test or X-Ray Diffraction.

6. **Prohibition of Employment of Adolescent or Children.**—No adolescent child shall be employed in any factory, wherein any of the operations specified in the Schedule are carried on.

7. **Restriction of Employment of Adult.**—(1) No adult person shall be employed in any factory, wherein any of the operations specified in the Schedule are carried on and the workplace atmosphere contains silicon and silica (quartz) compound dust above the following limits:

- a) ¹Quartz(respirable dust): 0.1 mg/m³ TWA
- b) Tridymite(respirable dust): 0.05 mg/m³ TWA
- c) Cristobalite(respirable dust): 0.05 mg/m³ TWA²
- d) Tripoli(respirable dust): 0.1 mg/m³ TWA
- e) Tridymite: 0.05 mg/m³ TWA

8. **Medical Certification and Examination.**—(1) No adult person shall be employed in any factory, wherein any of the operations specified in the Schedule are carried on unless a certificate of fitness in the form appended to these rules granted to him by a certifying surgeon is in the custody of the manager of the factory.

(2) The Chief Inspector may require that any person granted a certificate under sub-rule (1) shall carry with him while at work, a token giving reference to such certificate.

(3) Every person employed on any of the operations mentioned in the Schedule shall be re-examined by a certifying surgeon once in six months or at such shorter or longer intervals as may be specified in writing by the Chief Inspector of Factories according to the degree of risk of silicon or silica compound poisoning involved in any operation. This

¹1989 OSHA PEL and 1993-1994 ACGIH (American Conference of Governmental Industrial Hygienist) TLV (Threshold Limit Values).

²TWA (Time Weighted Average).

examination shall include examination for Silicosis in addition to leading for other signs and symptoms of respiratory corresponding occupational diseases.

(4) If at any time, the certifying surgeon is of opinion that any person is no longer fit for employment in any of the operations specified in the Schedule, he shall cancel the certificate of fitness of that person.

(5) No person whose certificate of fitness has been cancelled shall be employed in any of the operations specified in the Schedule unless the certifying surgeon has again certified him to be fit.

(6) The fees for examination under this rule, as may be fixed by the Chief Inspector, shall be borne by the occupier.

9. **Exhaust Draughts.**—(1) The operations specified in the Schedule shall not be carried on in any factory except with an efficient exhaust draught.

(2) No draught shall be deemed efficient which fails to remove dust appended in the atmosphere at the point where such dust originates.

10. **Floor and Work-benches.**—(1) The floor of every room in which any person is employed on any of the operations specified in the Schedule shall be of smooth cement or other smooth impervious material.

(2) The surface of every work-bench in every such room shall be of smooth impervious material.

(3) The said floor and work-benches shall be kept clean and in good condition.

(4) The Inspector may by order in writing require such floors and work-benches to be kept wet in such manner as he may deem suitable in order to reduce dust.

11. **Washing Facilities.**—(1) The occupier of a factory to which these rules apply shall provide and maintain in a clearly state and in good repair, for the use of all persons employed in silicon or silica compounds operations.—

(a) a lavatory under cover with an adequate supply of clean towels which shall be renewed daily, soap and nail, brushes; and

(b) Sufficient and suitable bath accommodation.

(2) At least one lavatory basin fitted with a waste pipe and plug and having constant supply of water shall be provided for every five persons employed in a silicon or silica compounds operations.

12. **Protective clothing.**—The occupier of a factory to which these rules apply shall provide and maintain sufficient and suitable overalls, gloves and head coverings and clean respirators and shall cause them to be worn properly by every person employed on any of the operations specified in the Schedule. At the end of every day's work, they shall be collected and kept in proper custody in a suitable place set apart for

purpose. They shall be thoroughly washed every week and those which have been used in the crushing and packing process shall be washed daily:

13. Special provisions relating to Respirators.—(1) The Occupier shall provide respirators applicable and suitable for the workers employed in the operations specified in the Schedule duly certified by any institute internationally recognized on Occupational Safety, Health and Environment (OSHE).

(2) The Occupier shall be responsible for the establishment and maintenance of respiratory programme at the workplace level, which include:

- (a) written Respiratory Protection Programme (RPP) with required work site specific procedures and elements for use of respirator;
- (b+) administration by a suitable trained programme Administrator;
- (c) small compliance guide containing demonstration of RPP;
- (d) medical evaluation of workers required to use respirators;
- (e) fit testing procedure for tight fitting respirators;
- (f) procedures and schedule for cleaning, disinfecting, storing, inspection, repairing, discarding and otherwise maintaining respirators;
- (g) training of workers in the respiratory hazards to which they are potentially exposed at the workplaces; and
- (h) procedure for regular evaluation and effectiveness of the programme.

14. Special Protection Measures.—(1) The Occupier shall be responsible to adopt and maintain the following special protection measures for control of silicon or silica (quartz) dust at the workplace:

- (a) Replace crystalline silica materials with safer substitutes, whenever possible;
- (b) Provide engineering or administrative controls, where feasible, such as local exhaust ventilation, and blasting cabinets;
- (c) Where necessary to reduce exposures below the PEL³, use protective equipment or other protective measures;
- (d) Use all available work practices to control dust exposures, e.g. water sprays;
- (e) Participate in training, exposure monitoring, and health screening and surveillance programs to monitor any adverse health effects caused by crystalline silica exposures; and
- (f) Affixing of following signs at the workplaces:
 - i) "Be aware of the operations and job tasks creating

crystalline silica exposures in your workplace environment and know how to protect yourself”;

- ii) “Be aware of the health hazards related to exposures to crystalline silica. Smoking adds to the lung damage caused by silica exposures”;
- iii) “Do not eat, drink, smoke, or apply cosmetics in areas where crystalline silica dust is present”;
- iv) “Wash your hands and face outside of dusty areas before performing any of these activities”; and
- v) “Remember: If it’s silica, it’s not just dust”.

³PEL (Permissible Exposure Limits).

15. **Duties of Employees.**—(1), Every person employed in any operations mentioned in the Schedule shall present himself for examination by the Certifying Surgeon at the fixed time.

(2) No person, whose certificate of fitness has been cancelled or suspended, shall work in any operations mentioned in the Schedule unless the Certifying Surgeon again certifies him fit to do.

(3) Every person employed in any operations mentioned in the Schedule shall deposit, in the place provided for the purpose, all clothing put off during working hours.

(4) Every person employed in any operations mentioned in the Schedule shall, before taking food or leaving the premises where the operations mentioned in the Schedule are carried on, wash his face and hands.

(5) Every person employed in any operation mentioned in the Schedule shall abide by the Respiratory Protection Programme (RPP) and will take part in every activity conducted in this regard and will use the personal protective instruments provided by the occupier during the course of his work.

(6) No person shall introduce, keep, prepare or partake of any food or drink or make use of tobacco in any place in which any operations mentioned in the Schedule are carried on.



(ISHRAT ALI)

Secretary

Labour & Human Resource Department
Government of the Punjab