

The bachelor thesis contents evaluation of work environment factors of workers at production of hydrogen cyanide, alkaline salts and other coherent products. The first part of the thesis talks about a presence of hydrogen cyanide and cyanides, their properties and mechanism of toxic effect. The second part focuses on history of LZ Draslovka a.s. Kolín inclusive of technical principals of hydrogen cyanide and alkaline cyanides. In the third part of thesis are mentioned individual factors of work environment in the workplaces of cyan chemistry. Third part also advert method of controlling of physicals and chemicals factors of workplaces including casuistry of toxic states from 1962 to the present.

To the evaluation of influence of factors of workplace was partly used questionnaire survey. As the second type of evaluation were several objectifications of physical and chemical factors of work environment. Tabs show a presence of several factors of work environment on several workplaces. The tabs was gained from registry of work categorisation "KAPR".

The goal of my bachelor thesis was estimation of several factors of work environment at work in cyan production and observation of their influence on health of workers.