

SUMMARY

The aim of this bachelor thesis was to describe the impact of inhalation of asbestos fibers on human health, diseases that this exposure to asbestos brings with it and to offer an overview of the number and development of occupational diseases caused by asbestos fibers both in the Czech Republic and the world.

By describing the historical development and characteristics of asbestos, we gained an overview of its benefits and long-term use. Obviously, uprooting a material with such excellent properties and so used will be quite challenging.

The diseases caused by inhalation of asbestos fibers are described in the second chapter. All the diseases with the exception of acute pleuritis are eligible as occupational diseases under Act 290/1995 Coll. as amended. In the third chapter we described the development of diseases caused by asbestos fibers both in the Czech Republic and in the world, and we described the legislation governing the Czech Republic on asbestos in Chapter 4. To demonstrate a clear link between work with asbestos products and subsequent diseases, we described a case study of Johns Manville Chapter 5.

We note that the issue of asbestos has not yet been resolved, but the debate on this issue at global level means that the inhalation of asbestos fibers has ceased to be taken lightly. We consider the steps to eliminate asbestos positively, even though this fight will last for at least a few decades.