

## 辽宁某钢铁工业园区进行大气环境影响评价

### 摘要

随着现代工业的快速发展，钢铁行业作为国家的支柱产业，在为国家带来可观的经济效益的同时，也给环境带来了污染的压力。钢铁行业的污染十分严重，尤其是大气污染物的任意排放。人们在关注经济效益的同时，也逐渐开始关注环境问题，而环境影响评价则是平衡二者的一种有效方法。监管并评价工厂生产过程中的污染物，给出更好的建议和措施，是十分有用的。

本文对辽宁某钢铁工业园区进行大气环境影响评价，此次评价主要以颗粒物、二氧化硫和氮氧化物作为评价因子，评价方法选取了单因子指数法，并且对比相关的标准进行评价分析。通过本次评价，该钢铁工业园区大气污染物排放达标，对环境的影响较小。

环境影响评价利用科学的手段，平衡经济和环境之间的关系。通过此次对该钢铁工业园区的评价，希望可以让人们更加具体了解并重视环境污染，对污染部分进行有效评估和改进，使污染防治措施更具可行性和科学性。

**关键词：**环境影响评价；钢铁；大气环境；环境保护；单因子指数法

## Abstract

With the rapid development of modern industry, the iron and steel industry, as a mainstay industry of the country, brings considerable economic benefits to the country, but also brings pollution pressure to the environment. The pollution of the steel industry is very serious, especially the arbitrary emission of air pollutants. While people are paying attention to economic benefits, they are gradually beginning to pay attention to environmental issues, and environmental impact assessment is an effective method to balance the two. It is very useful to supervise and evaluate the pollutants in the factory production process and give better suggestions and measures.

In this thesis, the atmospheric environmental impact assessment of an iron and steel industrial park in Liaoning was carried out. The assessment mainly uses particulate matter, sulfur dioxide, nitrogen oxides as assessment factors. The assessment method uses single factor index method and compares the relevant standards for assessment and analysis. Through this evaluation, the emission of air pollutants in the iron and steel industrial park reached the standard, with little impact on the environment.

Environmental impact assessment uses scientific methods to balance the relationship between economy and environment. Through this evaluation of the iron and steel industrial park, I hope that people can understand and attach more importance to environmental pollution, effectively evaluate and improve the polluted parts, and make the pollution prevention and control measures more feasible and scientific.

**Key words:** environment impact assessment; iron and steel; atmospheric environment; environment protection; single factor index method

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