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**ENERGY INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

NB/T 11435-2023

**Technical guidelines for assessment of eco-environment
damage and compensation in coal mining area - General
principles**

煤矿区生态环境损害与补偿评估技术指南总纲
(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

1 Scope

This document provides the general principles of ecological environmental damage and compensation assessment in coal mining areas, assessment preparation, damage confirmation, causal relationship analysis, ecological environmental Provide technical guidance on the quantification of physical and value of environmental damage, ecological environmental compensation assessment, and ecological environmental compensation effect assessment.

This document applies to the entire process of ecological environmental damage and compensation caused by coal mining.

This document is not applicable to the ecological and environmental compensation assessment of coal mining areas where the damage caused by changes in land use status cannot be restored.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 39791.1-2020 Technical Guidelines for Ecological Environmental Damage Identification and Assessment General Principles and Key Links Part 1: General Principles

3 Terms and definitions

The following terms and definitions apply to this document.

coal mining area

Several coal-bearing areas are divided within the coalfield based on factors such as topography, geology, transportation and production management.

Eco-environment of coal mining area the overall environmental system and ecosystem within the coal mining area, including the atmospheric environment, water environment, soil environment, biodiversity, etc.

Eco-environmental damage of coal mining area the undesirable changes in environmental factors such as air, water, and soil, and biological factors such as plants and animals caused by coal mine construction, coal resource exploration, and mining.

Changes in ecosystem benefits and degradation of ecosystem functions and reduction of services composed of the above factors.

[Source. GB/T 39791.1-2020, 3.1, modified] 3.4 Assessment for eco-environmental damage of coal mining area the assessment agency shall, in accordance with the prescribed procedures and methods, comprehensively apply scientific technology and professional knowledge to investigate the mining behavior and ecological environment in the coal mining area.

The damage situation, analyze the causal relationship between the damage and the ecological environment, assess the scope and extent of the ecological environment damage caused by the behavior, and determine the ecological environment the process of restoring the ecological environment to the baseline and compensating for the damage during the period, and quantifying the amount of ecological environmental damage.

[Source. GB/T 39791.1-2020, 3.14, modified] 3.5 Ecosystem services in coal mining areas the benefits that humans obtain from the ecosystem in coal mining areas include supply services, regulating services, cultural services and supporting functions.

[Source. GB/T 39791.1-2020, 3.2, modified]