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

HJ 619-2011

**Technical guidelines for environmental impact assessment.
Constructional project of coal development
(English Translation)**

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Foreword

To implement the "People's Republic of China Environmental Protection Law", "People's Republic of China Environmental Impact Assessment Law" and "building items Head of Environmental Protection Ordinance "to regulate the environmental impact assessment of coal mining project, the development of this standard.

This standard specifies the coal mining project, the basic principles of environmental impact assessment of coal preparation, content, methods and techniques to begging.

Appendix A of this standard is a normative appendix.

This standard is the first release.

This standard is developed by the Ministry of Environmental Protection Science, Technology organization.

This standard is mainly drafted by. China Association of Coal Processing and Utilization.

This standard MEP in September 1, 2011 for approval.

This standard since January 1, 2012 implementation.

The standard explanation by the Ministry of Environmental Protection.

Environmental Impact Assessment Technology Guidelines coal mining project

1 Scope

This standard specifies the coal mining project, the basic principles of environmental impact assessment of coal preparation, content, methods and techniques to begging.

This standard applies to the impact assessment carried out in the territory of People's

Republic of China coal mining and engineering construction projects environment.

Evaluation and exploration of coal resources after the environmental impact assessment of the environmental impact of coal mining project can refer to this standard.

2 Normative references

This standard incorporates the following documents contain provisions. For undated references, the effective version applies to this standard quasi.

GB 18599 general industrial solid waste storage and disposal site pollution control standards HJ 2.1 Environmental Impact Assessment Technology Guidelines Master HJ 2.2 Technical Guidelines for Environmental Impact Assessment of Atmospheric Environment HJ/T 2.3 Environmental Impact Assessment Technology Guidelines surface water HJ 610 Environmental Impact Assessment Technology Guidelines groundwater environment HJ 2.4 Environmental Impact Assessment Technology Guidelines make a sound environment HJ 19 Environmental Impact Assessment Technology Guidelines ecological impact HJ/T 169 Construction Project Environmental Risk Assessment Guidelines HJ 446 Cleaner production standard coal mining industry (Environmental Protection Department Order No. 2) "construction project environmental impact assessment of Classification Catalogue" "Interim Measures on Public Participation in Environmental Impact Assessment" ([2006] No. 28)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Underground coal mining underground coal mining Arrival by digging coal seam roadway, exploitation of coal resources of the job (also known as underground mining).

Coal opencast coal open-pit mining Overlying rock layers peeled back to expose the seam, made of coal resource mining operations.

Wells (mine) field diggings Coal delineated by the national and provincial (municipal and autonomous regions) mineral resources department to a coal mining enterprises to mine three Weifan Wai.

PREPARATION coal preparation the use of physical or chemical methods to get rid of impurities in coal, coal is needed into different quality and specifications of the product through processing Away.

Coal preparation plant coal preparation plant Coal sorting, production of different quality and specifications of the products processing plants.

Mine water coal mine water Generating and pumping from underground to the surface of the water, including underground water gushing in the construction of coal mines and coal

mining process, underground production Waste water generated in the process.

Surface mine dewatering water opencast coal mine draining water in the process of mining and opencast coal mine peel (or earlier), drainage from mines.

Opencast mine drainage opencast coal mine pit water in opencast coal mine stripping and mining process, the influx from the ground or surface water into the mining pit.

Overburden in Opencast mining process, stripping of surface soil and rock seams above collectively referred to as the release thereof.

3.10

Mining subsidence mining subsidence when the underground coal mining, coal resource recovery caused by the overlying rock layers and surface occurrence of the vertical and horizontal movement and deformation over Processes and phenomena.

3.11

Water flowing fractured zone water flowing fractured zone Rock collapse within a range of belt that was broken, and has a water conductivity, it can overburden the groundwater flow the mined-out area, the scope of this part of the hydraulic conductivity of rock fracture, said water flowing fractured zone.

3.12

Gangue

Mining, excavation process of coal production and processing from the top, bottom, or mixed with coal in coal partings rock (waste rock excavation) and Coal Discharged during washing waste rock.

3.13

Gangue yards stacked field Piled gangue venues and facilities.

3.14

CBM coal bed methane CBM commonly known as "gas", whose main component is methane (CH_4), which is mainly associated gas in coal mines, is Coal-forming process through biochemical pyrolysis adsorption or free state occurs in the seam and natural gas from the reservoir rock solid body, Unconventional natural gas, it is high-quality chemical raw materials and energy.

3.15

Construction of the construction period Shaft sinking and tunnel underground work and other construction projects, industrial floor space each plant, station, storage, transportation and other production line row EC construction period, or when Opencast mining surface soil, rock stripping and transport, storage periods are referred to the construction period.

3.16

Runtime

Coal mining, coal transportation and coal processing projects for the period of operation.

3.17

Mine Closure of mine closure period After the expiration of coal mining projects and services, outage, shutdown, resume land use function of time for the mine closure.

4 Job classification and procedures

4.1

coal mining project environmental impact assessment classification shall be in accordance with the "construction project environmental impact assessment of Classification Catalogue" Provisions relating to the determination of coal mining section.

4.2

coal mining project environmental impact assessment procedures should be in accordance HJ 2.1, HJ 2.2, HJ/T 2.3, HJ 2.4, HJ 19, HJ/T 169, the implementation of the provisions HJ 610.

5.1 Environmental Factors and Evaluation Factors

Environmental impact assessment can select the sensitivity factors and environmental impact assessment factors based on characteristics of the project and the surrounding environment.

5.2 Standard of Evaluation

Standard 5.2.1 should be performed to evaluate the implementation of the relevant environmental elements according to the environmental function area construction projects required by the State or local environmental quality standards and pollutant discharge standards.

5.2.2

When the construction project evaluation factor is no state or local environmental quality standards and pollutant discharge standards by the national or local loop After the written consent of the administrative department of environmental protection, you may refer to the relevant standards abroad.

5.3 Assessment Grade