

Summary of the Technical Regulation

1. Name of the technical regulation

Ministerial Order to Provide Technical Standards about facilities for exploratory drilling sites for CO₂ storage.

2. Detailed objective and rationale

The Act on Carbon Dioxide Storage Business (Act No. 38 of 2024) Article 67 (1) stipulates that storage business operators maintain CO₂ storage facilities to ensure that they conform to the technical standards established by Order of the Ministry of Economy, Trade and Industry.

We will enact a Ministerial Order to Provide Technical Standards about facilities for exploratory drilling sites for CO₂ storage based on the Act on Carbon Dioxide Storage Business to maintain public safety and prevent the occurrence of accidents, similar to the standards mandated by the Mine Safety Act.

3. Mandatory product characteristics, mandatory production methods, etc.

Communication facilities are installed at the safety exploratory drilling sites for CO₂ storage.

Similar to the standards mandated by the Mine Safety Act, the following facilities are required to be appropriately designed for each project of exploratory drilling for CO₂ storage in terms of safety.

- ① The safety distance of drilling machines, etc.
- ② The strength of drilling machines, etc.
- ③ The structure of derrick masts
- ④ The capacity of the hoists
- ⑤ The capacity of mud circulation
- ⑥ The capacity to control blowouts
- ⑦ The structures of explosives magazine

4. Proposed date of entry into force

November 1, 2024