

NON-TECHNICAL SUMMARY (NTS)
PROJECT: 2,200 MTPD AMMONIA PLANT – TOPOLOBAMPO, SINALOA

What is this project?

It is a plant designed to produce ammonia, used as a fertiliser, consisting of gas and ammonia pipelines, a desalination plant, storage tanks and electrical systems. It is located in the industrial zone of Topolobampo and forms part of a corridor where energy and industrial infrastructure facilities already exist.

Why was it modified?

Engineering improvements were made to increase safety and modernisation without expanding the authorised land area or increasing environmental impacts. These upgrades will enhance the project's efficiency and reliability. Importantly, no new land areas will be occupied, nor will new environmental zones be intervened. All changes are internal to the project already authorised by SEMARNAT.

What was modified?

Notable improvements include the back-up electrical system, the design and materials of the ammonia tanks, increased durability of the converters, the fire-detection system, the compressor house, stormwater management, relocation of buildings and roads, modernisation of the stack, and expansion of the steam generator.

Does the project affect the environment?

No. Studies indicate that there are no increases in emissions, discharges or risks, and that mangroves and ecosystems are not affected. The bay maintains healthy and monitored environmental conditions.

What are the project's benefits?

In addition to improving plant safety and operation, risks are reduced. The project generates local and regional employment, modernises port infrastructure, and complies with international best practices in safety and environmental protection.

Conclusions

The modifications will result in a more modern, safer and more efficient plant, without increasing its size, affecting additional areas, generating new impacts, or altering the previously authorised environmental conditions. With the established measures, its operation is safe, organised, efficient, controlled, and compatible with the environment and the community of Topolobampo.

NON-TECHNICAL SUMMARY (NTS)
PROJECT: LOADING STATION FOR TANKER TRUCKS – TOPOLOBAMPO, SINALOA

What is this project?

It is the station where tanker trucks are filled with ammonia. It forms part of the GPO project and is located within an already existing industrial area. It includes a truck-loading area, control and surveillance areas, a weighbridge, internal roads, and pipelines connecting to the plant.

Why was it modified?

The aim is to improve safety, organise operations more efficiently, and facilitate the movement of trucks, without expanding the land area. No new environmental impacts are generated.

What was modified?

Modifications include relocating some buildings within the same site, improving stormwater drainage, adding water tanks for emergencies, updating pavement materials, and adjusting the size of certain pipelines to ensure safer and more stable ammonia flow.

Does the project affect the environment?

No. The project area lies entirely within the previously authorised zone and does not generate additional impacts. Dust-control measures, proper waste management and soil and water protection practices are maintained. The design avoids contact with mangrove areas and allows natural water flow.

What are the project's benefits?

In addition to improving plant operations and reducing risks, the project generates local employment, enhances internal truck traffic, modernises port infrastructure, and complies with international best practices for safety and environmental protection.

Conclusions

The modifications help the project operate more efficiently without increasing its size, affecting additional areas, or increasing risks or impacts. With the established measures, its operation is safe, organised, efficient, controlled, and compatible with the environment and the community of Topolobampo.