

Preventive Measures and Environmental Impacts Reduction Case Study: “Asphalt Terminal Surat Thani plant”



Air Quality

- Choose low emission fuels; choosing B10 diesel instead of fuel oil, which contains lower sulfur.
- Choose thermal fluid heaters with high combustion efficiency, automatic self-control system, which ensures the accurate air-fuel ratio during use. This will result in a complete reaction that reduces air pollution, reducing the need for a condensate treatment system and energy lost in the system.

- Ensure the marine management complies with preventive measures for tanker collision accidents as prescribed by International Maritime Organization (IMO), Marine Pollution Control Laws, Maritime Act of Thai Waters, 1913, and Crash Prevention Act, 1977.

- Provide tools or equipment for collecting oil clumps, potentially contaminated oil spills into rivers in the event of an emergency accident so as to prevent oil or oil clumps from spreading or falling, and also procuring oil buoys of the size and length suitable for large ships entering the port

- Arrange an emergency plan in the event of an oil leakage and rehearsal regularly, including providing equipment to remove oil stains

Economy-Society

- For the recruitment of personnel and labor, prioritize the locality of the project to reduce immigration and improve the community economy by creating jobs for more than 80 percent of the local workforce in the community.