



### Project information and Objectives :

#### Project Information:

- 1) Installation utility systems for support sustainable fuel development projects
- 2) Installation and Relocation of storage tank.

#### Objectives:

- Support utilities for sustainable aviation fuel production process.
- Optimization and beneficial use of resource and existing storage tank.

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### Environmental Mitigation Measures during operation

#### 1. Environmental Measures :

- 1.1 Monitor and control stack emission, workplace air quality and ambient air quality around the refinery to comply with the regulated emission standard announced by Ministry of Industrial Work of Thailand. Install CEMS at the stacks for continuous emission monitoring purpose.
- 1.2 Monitor and control the effluent quality to comply with the regulated standard announced by Ministry of Industrial Work of Thailand.
- 1.3 Follow up and control to ensure that wastes are stored and disposed properly

#### 2. Occupational Health and Safety Measures:

- 2.1 Annual health check and physical examination according to the risk factor.
- 2.2 Monitor and control noise and heat levels in the workplace.
- 2.3 Regularly check and provide preventive maintenance for all safety appliances and alarm system.
- 2.4 Social measures towards the surrounding communities

### Implementation results of Mitigation and Monitoring Measured

1. Stack Emission Quality (TSP, SO<sub>2</sub> and NO<sub>2</sub>), Workplace Air Quality (T-VOCs, H<sub>2</sub>S and BTEX) and Ambient Air Quality (TSP, PM-10, SO<sub>2</sub> and NO<sub>2</sub>) : All Parameters comply with the regulated standard.
2. Effluent Quality (Temperature, pH, SS, TDS, BOD, COD, Oil & Grease, Sulfide, CN, Phenol and Hg) : All Parameters comply with the regulated standard.
3. All solid wastes were collected and sent to the authorized Parties certified by Department of Industrial Works for disposal.
4. Employee health checks by occupational medicine doctors. Health of all employees is at a normal level. Routine monitor noise and heat levels in the workplace, provision of appropriate PPE to the employees were provided. Conduct emergency response exercise and provide preventive maintenance for all safety appliances and emergency alarm system on a regular basis.
5. Conduct community satisfaction survey along with community relations program, finding their needs and expectations for further arrangement of proper responses.