



**THAI CAPROLACTAM PCL**

# **CDM Project**

**N<sub>2</sub>O Abatement in Tail Gas of  
Caprolactam Production Plant**

**UBE** UBE GROUP (THAILAND)

# CDM Project

## Objective

To Reduce N<sub>2</sub>O Emission from Hydroxylamine process of Caprolactam plant ~ 85-90% or 530 Ton/year, Equivalent to CO<sub>2</sub> 165,000 Ton/year

## Technology

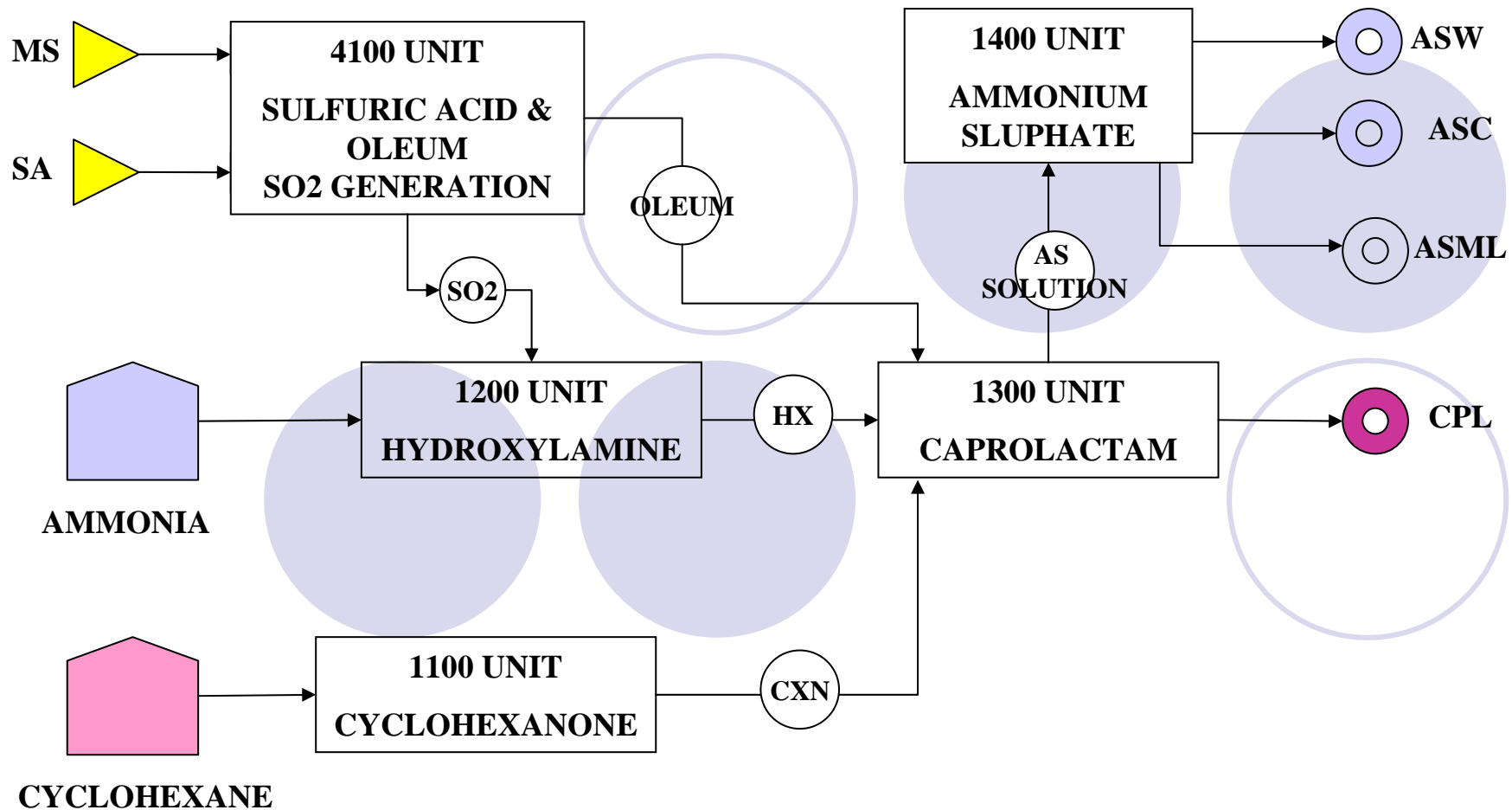
Process : N<sub>2</sub>O Catalytic Abatement at tail gas

Methodology : AM0028/Version 04.1

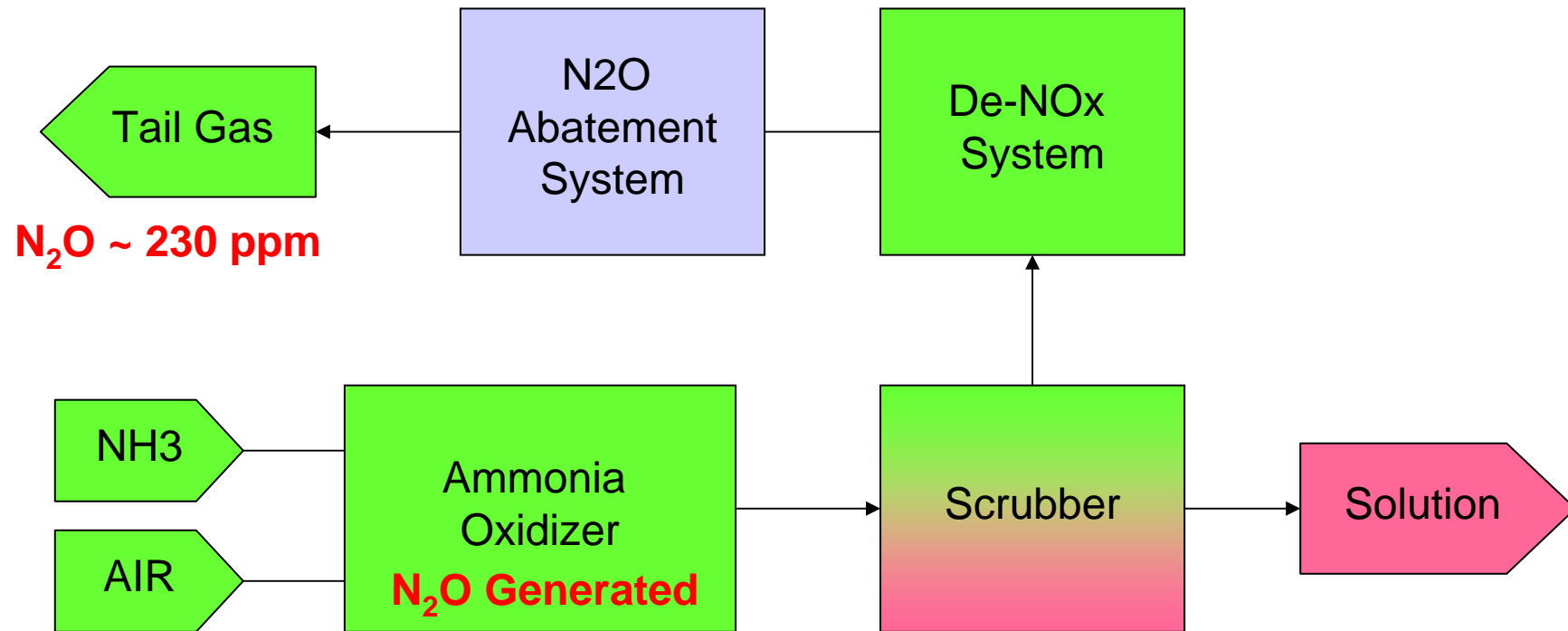
Catalyst : DASH 30D D812 By NE Chemcat.

System : Regenerative Catalytic System by Sumiko Co.,Ltd

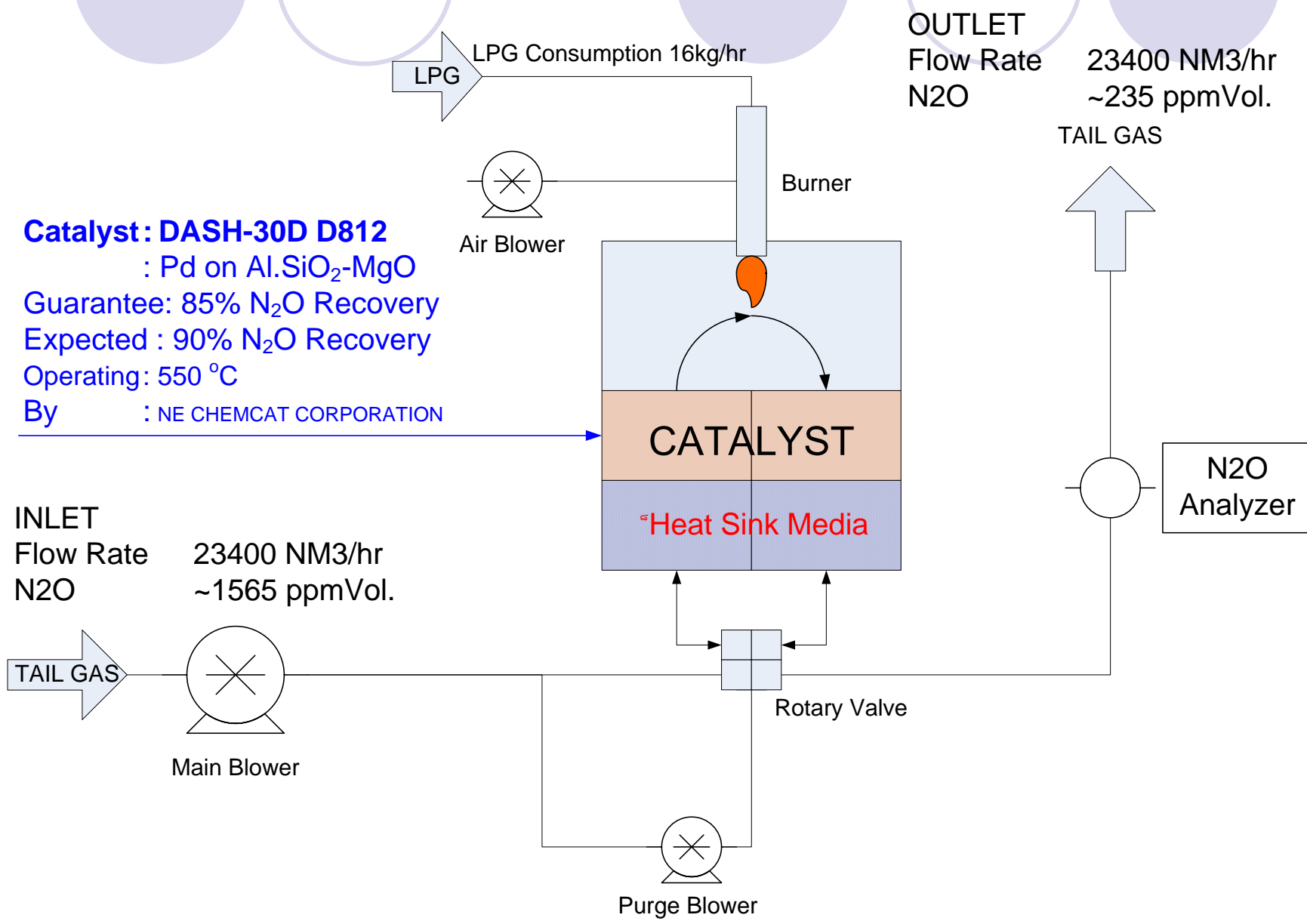
# OVERVIEW CAPROLACTAM PROCESS



# Hydroxylamine Process



# N2O Abatement Process



# Project Status

