

CSBP Ammonium Nitrate Plant Expansion

Kwinana, Western Australia, Australia

**Client:**

CSBP Limited

Location:

Kwinana, Western Australia

Project Value:

\$A 200 million

Project Scope:

Detailed engineering and technical procurement services

Technologies:

Uhde Low Density Ammonium Nitrate (LDAN) prill technology

Period of Work:

May 2005 – January 2007

Project Description

A major expansion project that involved doubling the ammonium nitrate production at the Kwinana plant in Western Australia. The existing plant was duplicated at a cost of about \$200 million to increase capacity to a world-scale 470,000 tonnes per annum.

Ammonium nitrate is the main material used to produce commercial explosives and is also a key component in liquid fertiliser.

CSBP Limited engaged Uhde Shedden and its German parent Uhde GmbH to undertake key engineering activities associated with the ammonium nitrate prilling plant, which used Uhde technology. Uhde provided basic engineering and other specialist services with Uhde Shedden providing detailed engineering and technical procurement services.