

# Project Profile: Ammonium Sulfate Granulation



## PROCESS

FEECO was tasked with engineering a system that could produce a marketable fertilizer product from the ammonium sulfate waste crystals produced at a nickel refining facility.

The resulting compaction granulation system is capable of producing 20 TPH of <u>ammonium sulfate</u> in the size range of 2-4mm. The entire system is automated using a PLC-based control system.

### Scope: Complete Equipment Supply and Process Plant Design Including:

- Supply of all process equipment, PLC-based control system, motor control center, and instrumentation
- Engineering and design of equipment, connecting chutes, ductwork, stairways, access platforms, and structural steel design
- Equipment installation supervision and start-up services (mechanical, electrical, process, etc.)
- Process warranty of the system

## **PROJECT SPECS**

#### Customer:



(United Farmers Co-Operative)

**Equipment Supplied:** Compaction Granulation System

**Project Location:** Perth, WA, Australia

**Industry:** Fertilizer

Material: Ammonium Sulfate