

IMERYS Talc Plant

Talc Ore Sorting Plant Expansion



Project

IMERYS Talc Plant

Location

Three Springs, WA

Client

IMERYS Australia Talc Pty. Ltd

Scope

Design and construction



Description

Como Engineers were awarded the contract to complete the detailed engineering design, supply, construction and commissioning of the expansion of the Three Springs talc ore sorting treatment plant operated by IMERYS Australia Talc.

The plant comprises of single stage crushing (feed rate 250tph), conveyors, screens, chutes and bins (sourced from Indonesia and Australia), feeding free issued primary and secondary ore sorters.

Como Engineers were also responsible for all aspects of the works e.g. earthworks and concrete works, electrical and instrumentation, automation, structural and mechanical.

The crushing and screening plants were existing. However screening required additional screen decks complete with a new discharge chute to separate the ore into >150mm, <150mm to >60mm, <60mm to >25mm and <25mm size fractions. The <150mm to >60mm and <60mm to >25mm size fractions reported to two Tomra optical sorters from which product and waste streams were separated to shuttle conveyors and consequent stacking.

Work was conducted as an EPC contract.