



CLIENT

Xepa – Soul Pattinson

LOCATIONS

Malacca, Malaysia

CORE CAPABILITIES

- Project Management
- Multidisciplined engineering: process, mechanical, electrical, control and automation engineering
- 3D modelling
- Commissioning
- GMP validation and compliance services
- V-model engineering lifecycle
- Construction support

PROJECT SUMMARY

Xepa was seeking capability for a multi-purpose manufacturing facility and support infrastructure.

THE CHALLENGE

The project required process engineering and utility design expertise with a focus on lowering operating cost and footprint.

SYNERTEC'S SOLUTION

Synertec was initially contracted to undertake a Front End Engineering Design (FEED) study. Subsequently Synertec was involved in the Detailed Design and validation planning work incorporating.

- Equipment selection including PW system
- Process and personnel flows
- Manufacturing facility layouts
- Wall and floor finishes and details
- Environmental control, including HVAC, chilled water and extraction systems
- Electrical design
- Automation systems

Introduced novel solutions for manufacturing processes and design layouts provided optimisation of space usage resulting in lower operating costs.

Synertec provided technical overview and support during construction.