

CASE STUDY 02

Client: TLV Euro Engineering
End User: Victrex Manufacturing

Project: PPP3 Project

Products: Steam Thermocompressor and Steam & Condensate Recovery Package

Date: September 2013

Project Description

Arbe were awarded a contract to design and manufacture a steam thermocompressor package, a flash steam receiver and a condensate recovery package. All packages were subject to full 3rd party design and manufacturing appraisal, with vessels all designed and manufactured fully in accordance with PD5500 and the Pressure Equipment Directive.

The thermocompressor package is designed to recover low pressure flash steam using higher pressure steam, which is then used in another low pressure steam process. The package was calculated to give a project pay back of less than a year.

Both units were designed and manufactured for pressures of 14 BarG and temperatures of 200 DegC

