

Case Study

Project Title	Lifting attachment and Pintle manufacturing design and underpinning.		
Team size	5	Scope of VEP team	Manufacturing design and underpinning calculations to British standard BS 2573 & BS EN 13155.

Introduction

The VEP project manager and associate engineers and designers undertook the manufacturing design and detailed calculation underpinning of a lid lifting attachment and test pintle.

Background

The Client had produced a Detailed Production Drawing which needed to be converted to manufacturing drawings to allow the attachment and test pintle to be manufactured. The drawings had to be underpinned by detailed calculations and comply with applicable procedures including ES_1_1213_1 – Low risk lifting beams and lifting attachments (loading) and will be underpinned with calculations comply with British standard BS 2573 & BS EN 13155.

Roles and Responsibilities

The VEP team undertook the manufacturing design to tight timescales and provided full underpinning calculations.

Scope

The scope of the work undertaken by VEP covered:-

- Management of VEP team
- Cost and programme control
- General Arrangement Drawings
- Fabrication Drawings
- Calculations
- Minutes of design reviews
- Quality plans

