

# NHP PAINTS A CLEAR PICTURE FOR LIGHTING NEEDS

## Introduction

In line with their commitment to continuous improvement, a global leader in the coatings industry recently undertook a lighting upgrade that brought together the local expertise and quality product offering from NHP and contractor, CJ Pearce.

The facility forms one of the End User's two paint factories in Australia, with another located in New Zealand, all strategically located to service the Australasian market. This particular site is used to manufacture water-based and solvent-based paints for both household and industrial applications and as such, the facility houses a number of flammable raw materials that are used throughout the production process.

## Project Overview

With this in mind, the facility is classified as a Zone 1 hazardous environment so when it came to a lighting upgrade for the production and filling floors at the facility towards the end of 2016, there were a number of factors to consider for the End User when choosing a supplier for the project with local contractor CJ Pearce.

*"The lighting that was previously used was general purpose lighting and as well as not complying with hazardous requirements, it also presented output and performance issues that led to the requirement of ongoing maintenance that was that was not only costly and inefficient but also presented safety concerns,"* - said the Engineering Manager for the End User.

*"Working with CJ Pearce who we have a long-standing relationship with, we chose NHP to deliver a lighting solution using their Cortem range of hazardous area lighting after a detailed tendering process,"* he continued.

During this tendering process NHP were contacted by CJ Pearce and asked to visit the facility to assess the needs and propose a suitable solution. As part of this visit, NHP performed a number of tests using a lux level tester and from there, were able to prepare a detailed lighting design that featured the Cortem range of EVL100 hazardous area lighting fixtures.

## The Solution

Complementing the completed lighting design, NHP also provided a sample of the product for the End User to familiarise with and asses before making their decision.

This sample proved to be very beneficial for the Engineering Manager and upon delivery of the lighting design, which included 48 of the Cortem EVL100 hazardous area floodlights (down from 70 general purpose lights that were currently in use), NHP were also able to offer a 5 year warranty.

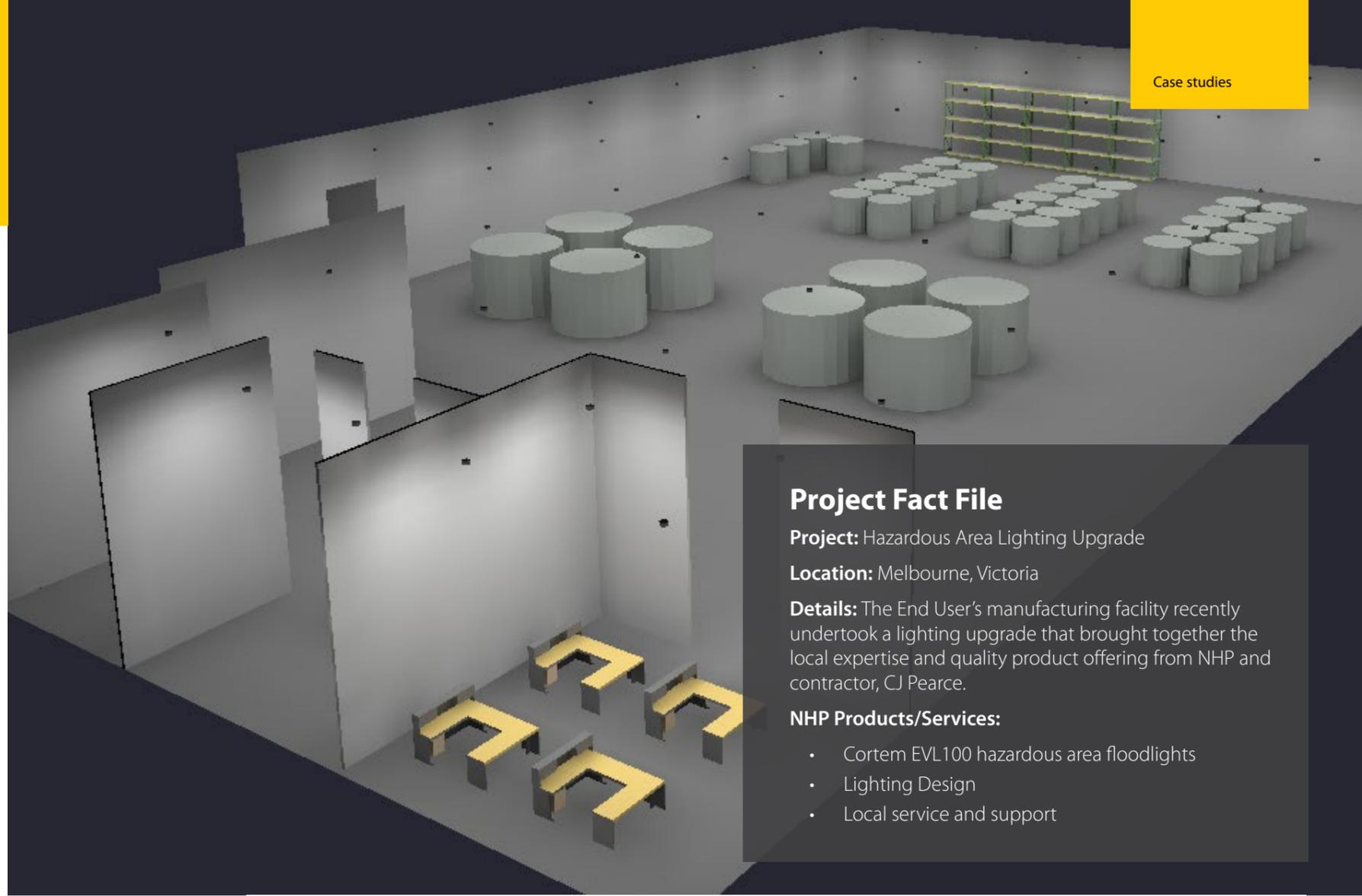
*"Having the product sample was a great advantage for us when it came to making the decision on a supplier. Having already used other Cortem products in different areas of the site we already trusted the brand and when it was backed by the warranty and NHP's local support, our decision was made easy,"* he said.

Once the decision was made, NHP were able to deliver all 48 lights in one single delivery which enabled CJ Pearce to install them inside three days during the Christmas shutdown, which minimised production disruption and downtime.

*"As well as now being compliant with standards, since the new lights have been installed we've experienced greater light output that as well as being safer, has greatly benefitted our equipment operators,"* he continued.



Above: The cortem EVL100 Hazardous Area floodlights used in the project.



## Project Fact File

**Project:** Hazardous Area Lighting Upgrade

**Location:** Melbourne, Victoria

**Details:** The End User's manufacturing facility recently undertook a lighting upgrade that brought together the local expertise and quality product offering from NHP and contractor, CJ Pearce.

### NHP Products/Services:

- Cortem EVL100 hazardous area floodlights
- Lighting Design
- Local service and support

