

## Cowlin

Tools Applied:

- Direct Observation
- Value Stream Analysis
- Workplace organisation

V.S.A. of PANEL INSTALL

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SECTOR: Construction

COMPANY: Cowllin

PROJECT: Swansea University

BACKGROUND: Project Objectives

Improve productivity of Pre-cast panel install

Deliver project on time

18%

Support

Support

Support

Support

Support

Support

FOR SKACKET SKINING

WHEN WHO

WHEN WHO

WHEN WHO

WHEN WHO

WHEN WHO

SUPPORT

TOKES 400 long doget round big.

SPACE FOR DRAWINGS

OF/OI KL

ON FOR CHERRY PICKER CAGE 07/01 CP

CLEAR GROUND AROUND WORK AREA

14/12 CP

CONCINER CAYOUT OF TOOLS (CONFIGURE)

TRIAL USE OF SCISSOR LIFT

MAKE BUSINESS CASE FOR MOBILE

LEXTRA LABOURER FOR SORTING BRACKETS

ETC.

67/01 KL

PRODUCE VM. GRAPH FOR PRODUCTION

Rate of installation

**Doubled** 

"We currently turn over about £100million per year of construction activity from the Cowlin Welsh Office and the use of data capture, the use of collaborative planning and other key lean philosophies are now an inherent part of our regional business. We have seen business improvement and intend to continue to use the tools to continuously improve."

James Player -- Ops Director

•What we did: - Introduce the team to the concepts of Value, Support Activity and Waste

•Carry out direct observation of the process

•Create a value stream analysis

Identify waste

•Agree actions to reduce waste in the process

Benefits - Enhanced understanding of value and waste

- Engaging all the team in the process

•Install 8 panels per day instead of 4



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