



# 01 May 2019 / Cell Relining & Pre-Heat / Solidum Construction Co.

Kaizen Report Template Conducted on 1st May, 2019 By SafetyCulture Staff

Complete

|   |
|---|
| Site<br><b>Sydney</b>   |
| Department<br><b>Cell Relining &amp; Pre-Heat</b>             |
| Company<br><b>Solidum Construction Co.</b>                    |
| Address<br><b>4964 Marshville Rd., Middletown NY New York</b> |
| Prepared by<br><b>Donnabelle Bem</b>                          |
| Conducted on<br><b>📅 1st May, 2019 ⌚ 5:05 PM +08</b>          |









# Kaizen Report Template

|   |
|---|
| Project Title<br>Improve Materials Management   |
| Category<br><span>Quality improvement</span> <span>Health and safety</span> <span>Productivity</span> |
| Section/Process<br>Tool Crib Area   |

## Current Situation

Take/attach photos before kaizen

Photos

|   |   |   |   |  |
|---|---|---|---|--|
|   |   |   |  |  |
| Photo 1   | Photo 2   | Photo 3   | Photo 4   | Photo 5  |
|  |  |  |   |  |
| Photo 6   | Photo 7   | Photo 8   |   |  |

## Root Cause Analysis

## Potential Causes

### Potential Causes 1

Potential Cause

Lack of differentiation in critical spares vs. common items; fast-moving vs. slow-moving items

### Potential Causes 2

Potential Cause

Under-utilized space due to slow-moving items and idle items/tools/consumables etc.

### Potential Causes 3

Potential Cause

Unclear inventory levels (Overall as well as item-wise)

### Potential Causes 4

Potential Cause

Lack of ownership by employees for material issue

### Potential Causes 5

Potential Cause

No status description is updated (work-in-progress; OK/Not OK etc.)

Root Cause of the Problem

Inventory

## Improvement Measures

Select all that apply

5S

Gemba Walk

Audits

Awareness

## Results

Take/attach photos after kaizen

Photos



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16



Photo 17



Photo 18



Photo 19



Photo 20

Benefits

Projected savings of USD 500,000 due to reduced inventory levels of consumables, hand tools, and maintenance spares, ZERO stock-outs for critical and strategic materials and no time delays in accessing materials, tools, consumables, and equipment.

## Completion

Additional comments

When things can be seen clearly, wastes are reduced. Implementing kaizen boosts employee morale by promoting a sense of pride in their respective areas while giving them greater ownership of their responsibilities in the workplace.

## Participation

### Participation 1

Name & Designation

Ana Seymoore, Senior Manager of Smelter Services

### Participation 2

Name & Designation

McCullough Katz, Superintendent of Cell Relining

### Participation 3

Name & Designation

Barbara Antigonish, Area Assistant Planner

### Participation 4

Name & Designation

Jim Hoang, Senior Technician

### Participation 5

Name & Designation

Area Operators (108 employees)

Name & Signature of Quality Manager



Donabelle Bem

1st May, 2019 5:22 PM +08



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 14



Photo 13



Photo 16



Photo 15



Photo 18



Photo 17



Photo 20





Photo 19