



CUSTOM RUBBER SUPERVISORS' OFFICE 5S PROJECT

Organization: Custom Rubber Corp.

Project Leaders: Syed Shafiq Rahman & Jasmine Applegate

Project Team: Klaus Sallaku

Project Sponsor: Charlie Braun & James Long

Start Date: March 1, 2019

Custom Rubber Corp.

Address: 1274 E 55th St, Cleveland, OH 44103.

Products: Rubber Pads, Suction Grips, Handle Grips, and various Pet Toys.



Problem Statement

- The suppliers' office houses important supplies used everyday.
- All of the supplies are in unlabeled boxes.
- Obtaining these supplies costs the suppliers' too much time and money.

Aim Statement

- Organize the office to make all of the supplies easily accessible while also reducing the amount of time it takes the suppliers' to obtain the supplies.

Expected Benefits

- Quality Dimensions addressed:
 - Timely & Efficient
- Other benefits of this project:
 - Supervisors will waste less time looking for supplies.
 - Employees will lose less time waiting for supplies.
 - Both will be able to spend more time on increasing output and revenue.

Measurement (Spray Bottles)

	Measure
Measure Name	Getting Spray Bottles
Numerator	How many spray bottles they obtain in one trip.
Denominator	How many spray bottles are available at hand.
Data Source	Self timed at the factory

Measurement

They work 24 hours a day and produce inventory worth \$43,500 every day.

That is \$1,812.5 per hour.

Before 5S

74 seconds were spent every day obtaining spray bottles.

After 5S

23 seconds are spent obtaining spray bottles every day.

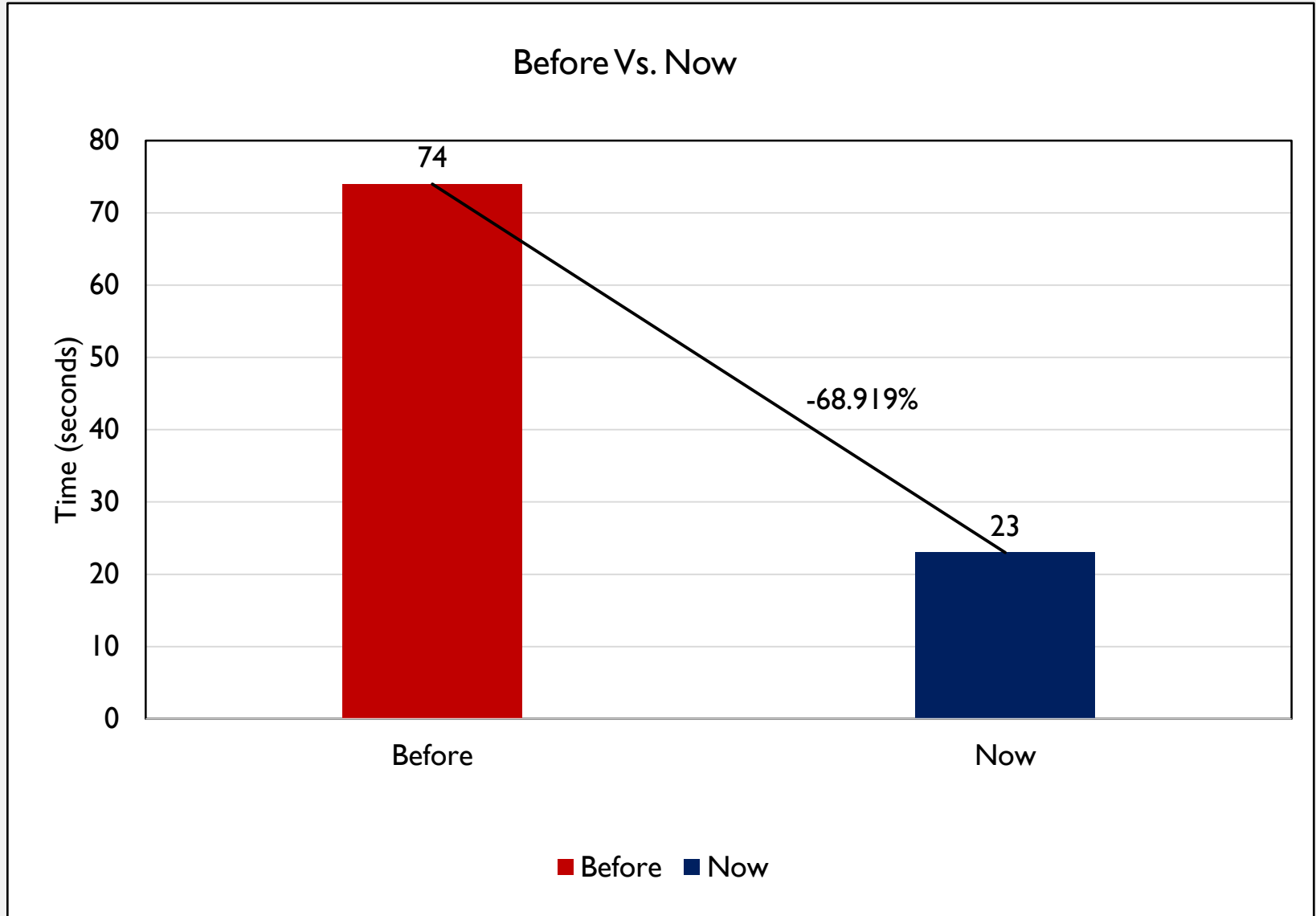
$74 - 23 = 51$ seconds saved every day or 18,615 seconds every year.

That is 5.17 hours saved every year.

$5.17 \times \$1,812.5 = \$9,370$.

\$9,370 saved every year by implementing 5S.

Results



The Office

Before



After



Sort

BEFORE



Sort

AFTER



Sort

GLASS SHELF

Before



After



Set In Order

BEFORE



Set In Order

AFTER



Set In Order

DESK (BEFORE)



Set In Order

DESK (AFTER)



Shine

BEFORE



Shine

AFTER



Standardize & Sustain

METAL SHELF + TWO BIN SYSTEM



Standardize & Sustain

METAL SHELF + TWO BIN SYSTEM



Time To Reorder

Item: Gloves

Color: Grey

Bin 1 Amount: 27

Bin 2 Amount: 30

Total Reorder Quantity : 57

Supplier's Part Number:

Supplier:

Lead Time:

Due Date:

Standardize & Sustain

TWO BIN SYSTEM

	Gloves	Sleeves	Bottles
Bin 1	27	10	35
Bin 2	30	11	40

Standardize & Sustain

SHELVES



Standardize & Sustain

SHELVES



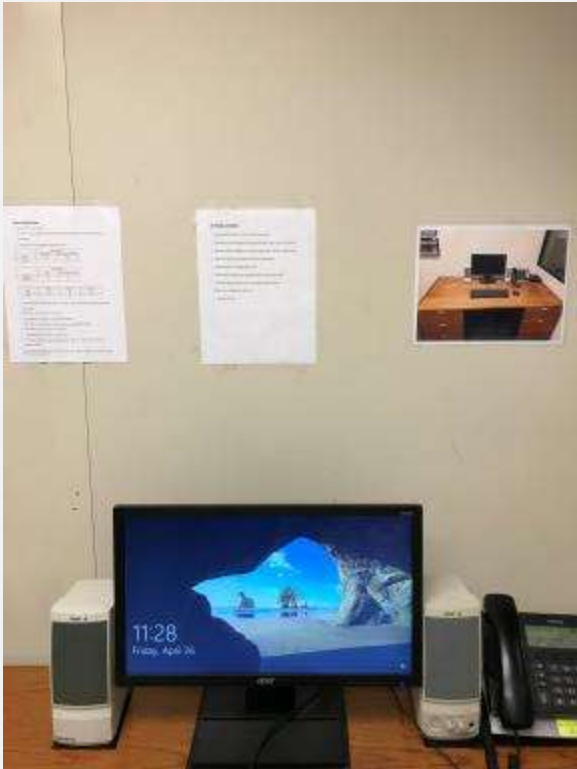
Standardize & Sustain

DESK



Standardize & Sustain

SUSTAIN



Plan for Sustainability and Spread

Action Item	Responsible Person	Timeline
Shoes Placement	James Long	Every Day
Jacket Placement	James Long	Every Day
Desk Organization	James Long	Every Week
Organization of Anvil Punch Bins	James Long	Every Week
Correct Placement of All Spray Bins and Supplies	James Long	Every Week
Cleanliness of the Floor and Shelves	James Long	Every Week

Takeaways

- How much space you can clear up by getting rid of unnecessary things.
- The reduced amount of time it now takes to find supplies/tools.
- Knowing exactly where everything can be found, after completing the second “S” (Set In Order).

Questions?