



Universal Rob Inc. - Shampoo Costing / 23 Aug 2019 / Joan Mondra

DMAIC Template

Complete

Inspection score	Failed items	Created actions
87.50%	1	0
Project Name Universal Rob Inc. - Shampoo Costing		
Location 360 A.Luna St, Majayjay, Laguna, Philippines		
DMAIC Practitioner Joan Mondra		
Conducted on 📅 23rd Aug, 2019 ⌚ 8:00 AM +08		

Failed items

1 Failed

Inspection / DMAIC / Improve

Were potential improvements validated through pilot studies?	No
– Notes This is just an in-house management decision.	

DMAIC

Define

<p>What are the project goals? Identify why the costs have increased sharply for 3 branches.</p>
<p>List customer (internal and external) deliverables</p> <ul style="list-style-type: none"> - Hypemart (10 boxes weekly) - Watermart (10 boxes monthly) - Alphmart (5 boxes monthly)

Measure

Is there a data collection plan developed to quantify the problem?	Yes
Is the current performance of the process determined through benchmarking?	Yes
<p>Problem statement</p> <p>The costs increased 20% higher compared to last year without creating more revenue.</p>	

Analyze

<p>What are the performance objectives? To identify the root cause of sudden increase in production cost</p>
<p>Identify value/non-value added process steps</p> <p>Non-value: Transportation, Overproduction</p>
<p>Specify the sources of variation</p> <ul style="list-style-type: none"> - Different delivery days for each branch. - Increased stocks from 80 boxes per month to 100 boxes
<p>Describe the few vital inputs in relation to the output</p> <p>High Control and High Impact: The focus of the team.</p>
<p>Root cause of the problem</p> <p>On average, it appears that inventory costs were 15% higher than in the previous year, among other things due to 'older' stocks are left longer in the warehouse.</p>

Improve


1 Failed

Potential solutions Implement "no overtime" for employees to limit production time and cost. Implement First In First Out (FIFO) process.	
Are operating tolerances of the potential system well-defined?	Yes
Were design experiments performed?	Yes
Were potential improvements validated through pilot studies?	No
– Notes This is just an in-house management decision.	
Were potential solutions assessed and re-evaluated?	Yes

Control

What is the monitoring and control system in place? Regular inventory checks for new and old stocks. Re-arrange stocks according to production dates.	
Was the statistical process control implemented?	Yes
Transfer plan (handoff to process owner) Coordinate changes on delivery dates.	
Were benefits, cost savings/avoidance & profit growth verified?	Yes

Completion

Additional recommendations Monitor all changes, if there's a bigger impact on production costs.	
Full Name and Signature of DMAIC Practitioner	
	Joan Mondra 23rd Aug, 2019 8:57 AM +08