



Presenter:
Habibah Marzuki
Position: Officer, QA

HOD :
Azam

No. of Attendees :
Malaysia's Factories : (71)
Oversea 's Factories : (7)
F2 (5), F3 (3), F4 (2), F5 (5), F10 (4), F11 (2)
F12 (5), F13 (4), F14 (3), F18 (4), F19/20 (5),
F21 (3), F22 (3), F23 (2), F24 (1), F25 (6),
F27 (2), Thailand (5), China (2), M26(1) ,
F9 (6), TGT (7)
Total Attendees : 110 (All);
At F9 MR1 (60); At F19 (30)
Total Comments : 32

Project No. 1 / 7

Division : QA / PQC

Title : Physical Properties Result Sharing Using TGNAS Folder

Objectives :

1. **Fast monitoring** & inspection FG Physical Properties.
- 2.To **prevent delay** loading activity caused by QA lateness.
- 3.To **prevent human error** physical properties disposition.

Project :

Project category : Improvement

Duration of Study : 15.01.2019

Cost : RM 5.00

Saving : RM 25.20

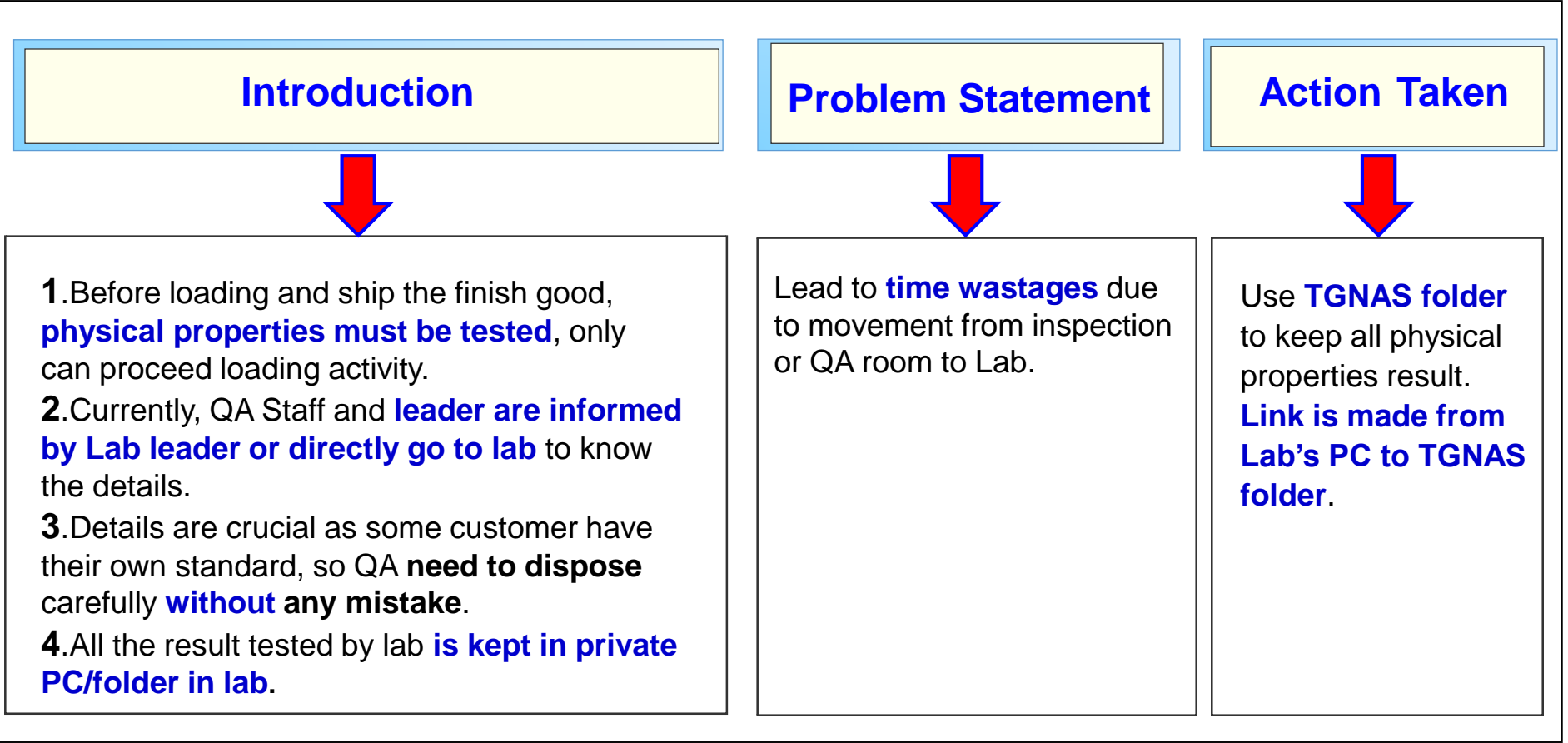
Return of Investment : 0.2 month

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Comparison between (Private PC) and Softcopy TGNAS (TGNAS Folder)

Item	Hardcopy (Private PC)	Softcopy TGNAS(TGNAS Folder)
Message Delivering	Need wait Lab to inform the result	QA leader can direct check in TGNAS folder
Hardcopy Result	QA leader need to request from lab to print. Avoid paper wastages.	QA leader can directly print from TGNAS folderprint.



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Calculations & Findings

Below is the timing calculation between Current and TGNAS

Subject	Current (Private PC)	TGNAS (Link Folder)	Variance (minutes)
Message Delivering & Print Hardcopy Result	10	2	6
Total	10	2	8 (80% Faster!)

Remark:

- Above calculation based on 1 day verification activities

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Cost & Saving

1. Cost

Descriptions	TGNAS (Link Folder)
Total time usage creates the TGNAS link (Based on an Engineer's March 2018 Payslip, RM3800 (Total working hour = 192hrs for 26 days)	RM 5.00

2. Time Usage & Saving

Descriptions	Current (Private PC)	TGNAS (Link Folder)
Total Time (Minutes)	300	60
Total Time Usage (hours)	5	1
Cost per hour (Based on an PQC Leader's Month January 2019 Pay slip, RM2000 (Total working hour = 315hrs for 30 days, include Normal OT, 4pm to 7pm)	RM 6.30	
Total Cost (Total Time Usage X Cost per Hour)	RM 31.50	RM 6.30
Variance	RM 31.50 – RM 6.30 = RM 25.20	

Prepared by: Habibah Marzuki (Officer QA)
Date: 10.02.2019

Checked by: Mohd Firdaus (Asst. Manager, QA)
Date: 10.02.2019

Approved by: Loo Sun Nooi (DQM QA)
Date: 10.02.2019



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Cost & Saving

2. Saving per inspector

Estimated cost saving per inspector per month $(RM\ 25.2 / RM\ 2000) \times 100 = 1.26\% \text{ reduction}$

Return of Investment (ROI):

Cost Saving per Month (per inspector)	RM 25.20
Total time usage creates TGNAS link	RM 5.00
ROI	0.2month

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Conclusion

1. By utilized the TGNAS folder, can **save leader's time** to check and **monitor the physical properties** during FG inspection.
2. Others department also can **use a same link** to check and make reference for their **job and study**.