

## YourFlow Productivity Remember Card

- It is common to have qualitative discussions concerning improvement projects in manufacturing.
  - A layout discussion is a typical qualitative discussion.
- If you add quantitative evaluation, you will reach better results and increase your productivity more.
- Your organization will spend less manhours to end up in a result, and you will also spend less money to reach the actual target since quantitative evaluation gives you "smarter" solutions.
- The strength with quantitative data is that it is possible to measure the result after the improvement is implemented.
- The Management Productivity Remember Card is a support for you to get better solutions now.
  - *Keep it in your pocket and challenge your team today!*

# YourFlow Productivity Remember Card

YourFlow Productivity Remember Card		YOUR FLOW	
Productivity	Requirement	Result	OK/NOK
Lead time			
Process efficiency			
WIP			
NVAA			
VAA			
No. of buffers			
Buffer waiting time			
No. of transports			
Area reduction			
Units/sqm			
Total manning			
FTE/unit			
Number of steps			

*Quantitative data gives better solutions*

Put in your company/steering committee requirements

Note pre-study/project result

Set OK or NOK due to if the requirement is reached or not.

Example:

YourFlow Productivity Remember Card		YOUR FLOW	
Productivity	Requirement	Result	OK/NOK
Lead time	-20%	-28%	OK
Process efficiency	>5%	5,5%	OK
WIP	<260	220	OK
NVAA	>12%	16%	OK
VAA			
No. of buffers	<16	22	NOK
Buffer waiting time	<468min	650min	NOK
No. of transports			
Area reduction	-25%	-30%	OK
Units/sqm	>20	36	OK
Total manning	<18	16	OK
FTE/unit			
Number of steps			

Quantitative evaluation gives better solutions

## YourFlow Productivity Remember Card

The information in the YourFlow Productivity Remember Card should be supported with discussion topics concerning:

- Investment and other costs
- Strategy & vision
- Safety
- Flexibility
- Quality
- Timeplan
- Layout

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Some of these key performance indicators follows each other, but still it can be good to divide them to have different perspectives in the discussions.

- Area reduction: Compare current area with new proposal. Be observant concerning the division between e.g. Assembly and logistic operations, since it can vary in between solutions. Therefore it there should be a comparison containing all this three areas:
  - Current assembly area vs. new assembly area
  - Current logistic area vs. new logistic area
  - Total area; ie. Assembly area + logistic area vs. New assembly area + new logistic area
- Unit/area: An productivity measure showing how many units per square meter is produced. For new product introductions, with other parts, processes etc. you may have to re-calculate so you compare apples with apples.
- Total maning: Be observant to a new set up e.g. between assembly and logistics.
- Manning/unit: A productivity measure, be observant concerning the division between different areas as logistic and assembly. Preferable do the comparison
  - Manning in current assembly area vs. new assembly area
  - Manning in current logistic area vs. new logistic area
  - Total manning; ie. Assembly area + logistic area vs. New assembly area + new logistic area
- Number of steps: Preferable use spaghetti diagram
- Lead time: Comparison between current and future state
- Not value added activity (NVAA): Comparison between current and future state
- Value added activity (VAA): Comparison between current and future state
- Work in process (WIP): Comparison between current and future state
- Process efficiency: The relationship between value added time and total lead time.
- Number of transports:
- Buffer waiting time:

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