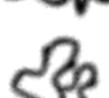


### What's Your Role?

continues basic

### **Agenda**

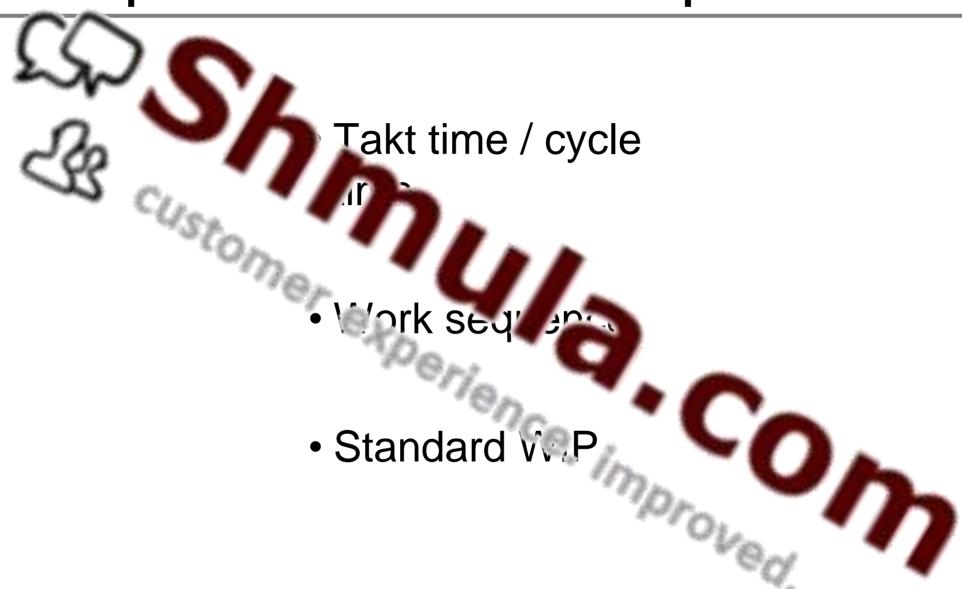


• רון כון או Elements of Standard
Operation

• Standard Operand Content

Shopfloor Activities

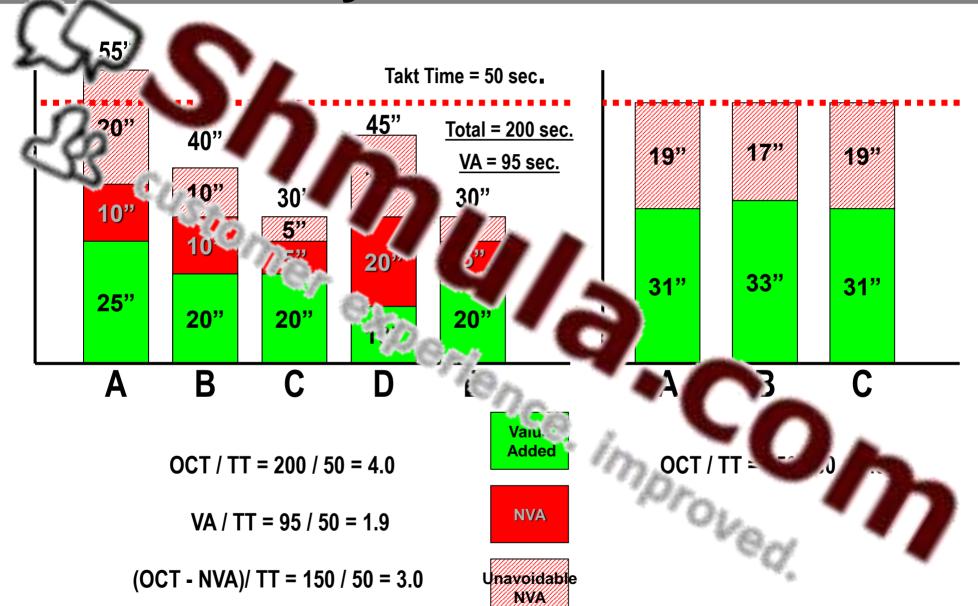
### **Principal Elements of Standard Operations**



# Takt Time Example

Net Operating	Shif	t: 48	0 minutes	480
Sime Per no:	Breaks	s: 2 @	10 minutes	-20
15 cm 7 4 5	Neanu	ıp: 1	@ 4 minutes	4
-USTOP	e/Jr/	rating	time per shi	ft
Customer Mo				9,600
Requirements: #	<b>Workin</b>	g 🥒	onth	÷ 20
	~er/6	⊍nits	/ de /	
Takt Time	Net C	)per at	ir q Time/	er)d
=	Custo	omer	Req menu	s
		Р	eriod	, T. 🐙
For 1 shift	/ day:	Takt Ti	me = ( )	7.

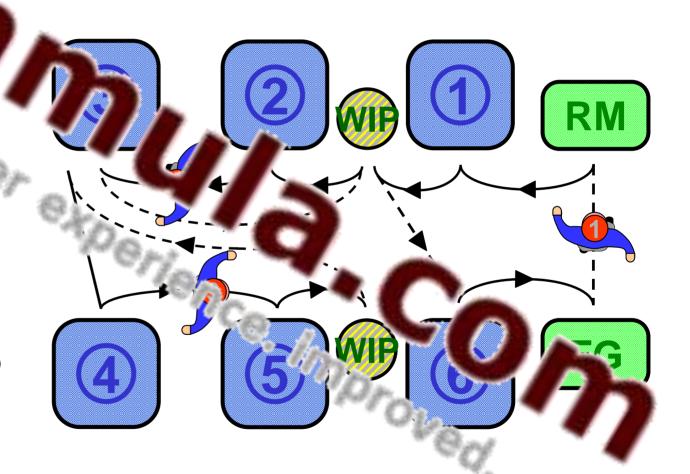
### Takt Time/Cycle Time



### **Elements of Standard Operations**

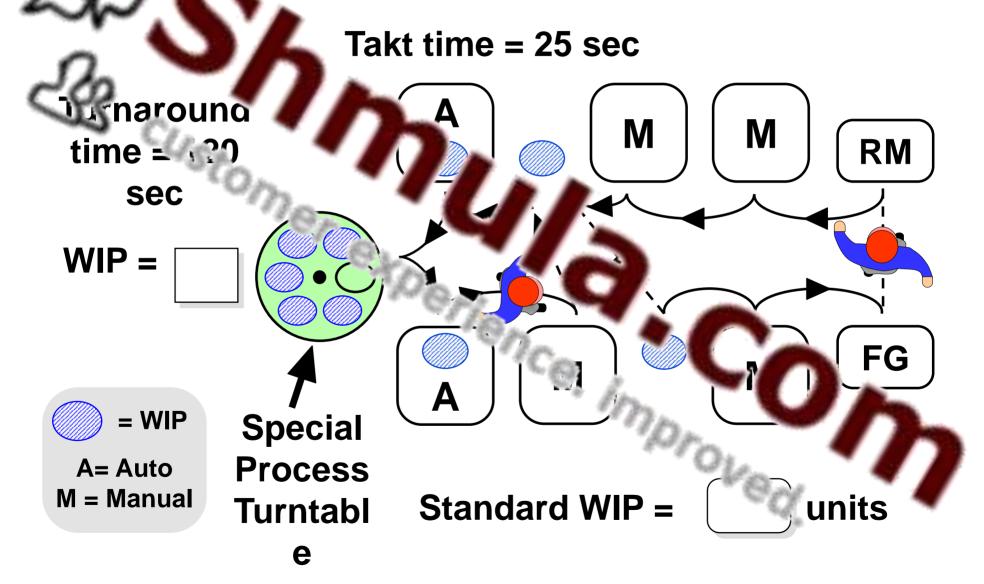
#### **Work Sequence**

- rescribe∕ se@ence of steps
- Assigned to a single operator
- Balanced to Takt Time



### Standard Work In Process

### Frample

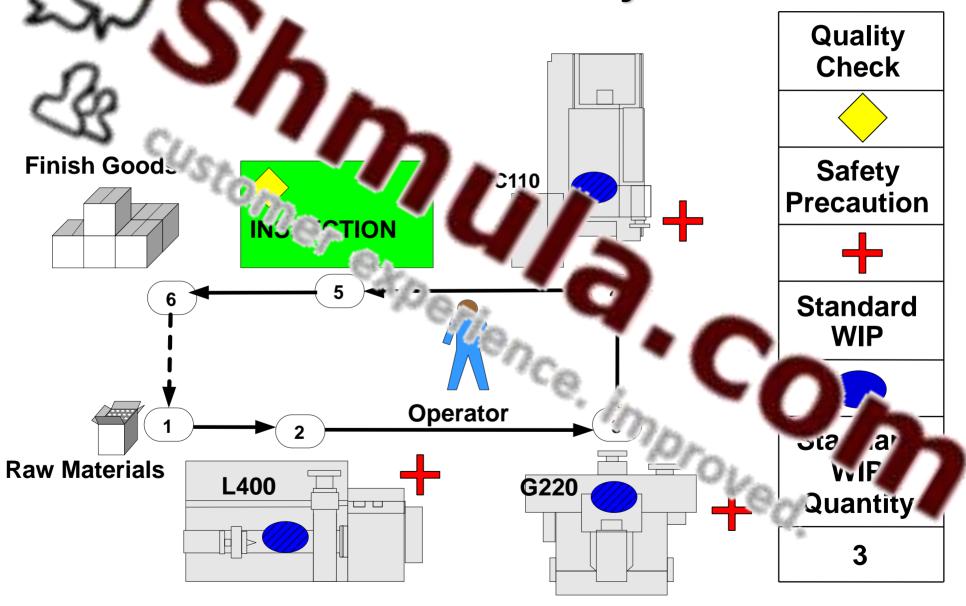


# Standard Operations Sheet

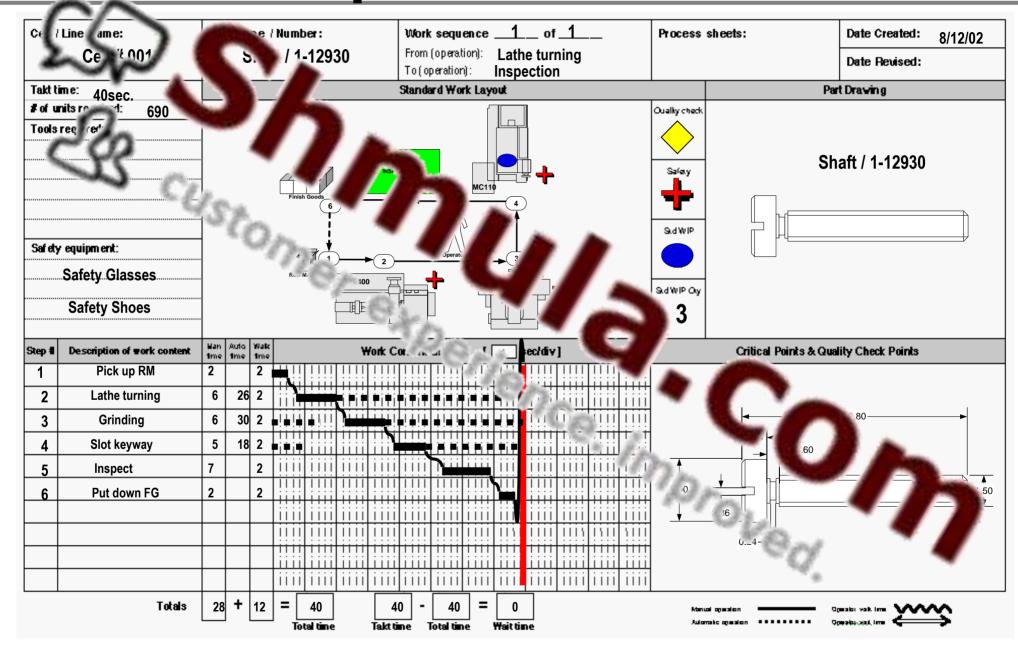
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Takt t	ime:			1	4	Star	ndar	d Wo	rk Lay	yout									Par	t Drawing
# of u	nits r		9	7													Qualky check			
Tools Saf et	y equipment:	Ž3	Č	2	ner	7		)		4							Safety  Safety			
Step #	Description of work content	Man 1me	Auto W		γ	ork Con	6	7	1./		sec	c/div	ř	ŧ		7	7	a	ritical Points & Qua	lity Check Points
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### **SOS Completion: Detailing the Layout**

"Standard Work Layout"



## **Standard Operations Sheet**



### **Example of a Standard Operation Report**

Mc ith. Ma		Work Area: BV7												
222	T.m '	Observation Observed	Employee Observed	Key Point	Comments									
#ind∈y	8: ar 10/22/	s install	John Doe	Bolts secured to spec	OK									
Tuesday	ษ.⁰∴ลฑ 10/25/ <i>⊭</i>	Strike dji	m re	Door aligns with striker	Alignment not done correctly									
Wednesday		"TPerie	7											
Thursday			rce. In											
Friday				oved.										

**Comments: Retrained Sam Dee on striker adjust** 

### **Standard Operation Report Checklist**

- dentified to be observed and explain to the operator the the second the observation
- 2. Observe the or reasonable and verify that all elements are performed per cut are \$6.3 Train if necessary
- 3. Identify any work station safery issues. Train and audit.
- 4. Verify the operator's understanding of large points. Train if necessary.
- Identify any wasted motion, excess wanting, or care
  wastes Note in "Comments"

### Standard Operation Report Checklist (cont.)

- o. Werify if the Gentor understands all visual aids and idealify any point of work habits. Train if necessary
  - Determine if me visual diverse seded. Note in "Comments"
  - Document all findings and pecify any punice easures
  - Communicate "best practices" and retraining sources
     all work cell team members

#### **Standard Operations Exercise**

- Salc lead verify the takt time for delta site
- Each participan (Casub-team) will complete a Standard Cheration (See a for the each operation observed (see ado indum for form)
- Complete the work station layout and Standard WIP and document on the
- Review results with group

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