

Process Name/ Title:					
	Material Simulation	Document No:		WI-PUM-PUR-001	
WORK INSTRUCTION		Effective Date:	August 28, 2019		
	Donada at Carla (Namana)		•		

		Product Code/Name: N/A	Customer Code: N/A	Rev. I	No.:	0	P	age No.:	Pag	e 1 of 3
No.			Work Procedure/ Illus	tration				_	cords/Ren	
1	Prepare Material Simulation template(excel file).									
2	Save as this mo	onth filename and the revision nu	umber. (Example: Material S	imulatio	n - AUG 2019 re	ev.0)				
3	-	ume Forecast), need to encode t that you will received from Plan			1 1 1 1 1 1 1 1 1 1		3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	all Job O	ease make s order that Pl I should be i months For olan	anning included
4	If there will be	new model, need to encode the	list of materials in the Usage	(sheet 7) of the file.					
	List of the materials of the new model can view to the released Cutting									
	Ledger and Tape Usage of Engineering - New product. Note: Please make sure to		sure to							
		USAGE	CUTTING LEDGER CUTTING LEDGER CONTROL LEDGER	Construction of Construction o	1 TO 100	TAPE USAGE		usage of and cons the unit Cutting I Usage to	y encode the f per Part nu sider to con indicated in Ledger and to the unit of I Simulation	umber vert 1 Tape F Usage of
		USAGE	COTTING LEDGER			TAPE USAGE	•			
5	Encoding of Inv	rentory and Supplier's incoming	in INVTY & INCOMING(sheet	8).						
-	-	ginning stocks from		B	С	D E	F			
	_	w materials monitoring in			BEGINNING STO	DCKS		Note: Co	onfirm to th	e in-
	Column C and F	Production Loose Parts in	Raw Material Part Number	_ UM	WAREHOUSE LO	OOSE PARTS 10-Au NBP19-			erson if inv	entory
	Column D.		0.13X15X20 TAPE Beige 0.13X19X20 TAPE TAPE Blue	ROLL	450.00				ent already	final.
			0.13X19X20 TAPE TAPE Red 0.13X19X20 TAPE Yellow	ROLL	540.00 1,970.00	-		_		
			0.10X19X25 TAPE Black 0.13X19X20 TAPE Skyblue	ROLL	15,800.00 440.00	801 43		_		
			0.13X19X20 TAPE Purple 0.13X19X20 TAPE Light Green	ROLL	1,210.00 600.00	99 32		_		
			0.13X19X20 TAPE Green 0.13X19X20 Brown Vinyl Tape	ROLL	560.00 570.00			_		
	F +b - i i		0.13X19X20 TAPE Gray	ROLL	630.00	104	- -	-		
	starting the firs	ng, need to encode the latest inc t day of the current month.	oming and forecast from NB	С Јарап	and all other Su	pplier's open P.	J.			
		A B E F	G H I J	К	L Y	Z AA	AB			
	Raw Materia	- NBP15-0. :: NBP19-07-04 - NB	-Aug-19 12-Aug-19 26-Aug-19 01-Sep-19 P19-07-05 NDP19-08-00 NDP19-08-00 NDP19-08-00	16-Sep-19 NDP19-08-02	23-Sep-19 AUG • NOP19-08-03 • • •	SEPT OCT	TO DENK			
	0.13X19X20 TAPE TA 0.13X19X20 TAPE TA 0.13X19X20 TAPE Ye	APE Red ROLL			- 400 - 400 - 2,400	200 - NIT	TO DENK TO DENK TO DENK			
	0.10X19X25 TAPE BI 0.13X19X20 TAPE SI 0.13X19X20 TAPE PI	lack ROLL			- 85,400 - 600 - 400	NIT	TO DENK TO DENK TO DENK			
	0.13X19X20 TAPE LI 0.13X19X20 TAPE G	ght Green ROLL			- 200 - 800	NIT	TO DENK			
	0.13X19X20 Brown 0.13X19X20 TAPE G 0.13X10X20 TAPE G	ray ROLL ray			- 400 - 200	NIT	TO DENK TO DENK TO DENK			
	0.13X19X20 TAPE W 0.13X19X20 TAPE Pi 0.13X19X20 TAPE O	ink Tape ROLL		-	- 4,000 - 200	NIT	TO DENK TO DENK TO DENK			
	Sponge Tape (7M0 166867-0010 189114-0040	PC		-	- 21,600	NB NB	DAC C CORP C CORP			
	316832-1 316833-2 316836-1	PC	20,000	20,00		NB NB	C CORP C CORP			
	4G5212-0000 6098-2220 4008-2803	PC	15,000 - 25,00 06,000	0 40,00	06.000	NB NB	C CORP			
	< → V	folume Forecast SUMMARY AUG SEPT OCT N	OV USAGE INVTY & INCOMING with 2 & 3 w	eeks adjustment	Material for Request	NO 🕀 🚦 📗				
6	Computation o	f Monthly consumption.								
	The sheet 3 to	6 will be the computation of mo	nthly consumption based on	the give	n forecast and u	usage of per mo	del.			
	Simple formula	should be as below:								
	Material 1	1 = Volume Forecast of the model	for the specific month X Us	age of th	ne specific mode	l for the given m	aterial_			
	All material and	All material and months should have this formula and please ensure that formula should correct by manually computing.								
	All monthly cor	nsumption sheet should reflect t	he total consumption of per	material						
6	•	nmary) will reflect the summary lents for every materials.	of Beginning stocks, incomin	g, consu	mption and lack	king quantity and	d			
							<u> </u>	Prepare	Check	Appreve
							 	· ippare	I. I.	, pprove
							<u> </u>	XXI,	Mulh	Mulh
								M. Crozat	N. de Villa	II. de Villa
Rev. Date	Rev. No.	Deta	ils of change		Revise	Check	Approve	Est. da te:	08/28/2019	

Eff./Rev. Date Rev. No.



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	N/A N/A					
No.	Work Procedure/ Illustration	Records/Remarks/ Quality Pointers				
	Make a formula that will link below data from other sheet.					
		Note:				
	SUMMARY SHEET OTHER SHEET	Lacking quantity was based				
	Ending Inventory (Column E) → INVTY & INCOMING (Column C)	on Sub assy production plan				
	Monthly Incoming (Column F, G & H) → INVTY & INCOMING (start in Column E)	given by Planning Dept.				
	Monthly Consumption (Column I, K, M & O) → Monthly Consumption (Sheet 3,4,5 & 6)					
	Then compute the balance/ending stocks per month if there will be lacking quantity.					
	Column J or Current Month(N) = Last month Ending Stocks - Current month consumption					
	Column L(N+1) = (Column J + Current Month Incoming(Column F)) - Column K (N+1 Consumption)					
	Column L(N+1) = (Column J + Current Month Incoming(Column F)) - Column K (N+1 Consumption) Column N(N+2) = (Column L + Column G) - Column M (N+2 Consumption)					
	Column P(N + 3) = (Column N + Column H) - Column O (N+3 Consumption)					
	Column P(N + 3) = (Column N + Column N) - Column O (N+3 Collsumption)					
7	Since the reflected lacking quantity in Sheet 2(Summary) was based on production plan, we should have an					
	adjustment to consider the maintaining stocks here in Warehouse.	ļ				
	The adjusted computation will be reflected in Sheet 9 (WITH 2 & 3 WEEKS ADJUSTMENT).					
	Maintaining Stocs Consideration per Supplier	<u> </u>				
	Nitto Denko → Black tape = 2 weeks / Colored Tape & EPT Sealer = 3 weeks	Note:				
	Delfingen → 2 weeks	Maintaining stocks will still				
	Fujikura → 3 weeks	change based on the				
	IEWP → 2 weeks	instruction if need to				
	Inoac → 2 weeks	reduce or increase.				
	JPN → 2 weeks					
	NBC Japan → 3 weeks	ļ				
	Taisei → 2 weeks					
	Shimoda → 3 weeks					
	Need to make a formula again to link below data. WITH 2 & 3 WEEKS ADJUSTMENT SHEET Last month ending Inventory (Column D) Ending Inventory (Column E)					
	Monthly Incoming (Column E, I & M) Monthly Incoming (Column F, G & H)					
	For the production plan requirement adjustment (Column G, K, O & S), need to consider the maintaining stocks per					
	Supplier & item. Sample Computation:					
	Nitto Denko Black tape					
	Current Month Production = Current Month Plan Adjustment (Column G)					
	Next Month (N+1) = N+1 // Next Month (N+2) Comsumption 2 (Set maintaining					
	Next Month (N+1) = N+1 Consumption - Deduct the 2weeks added dty to Column G + (M+2) Comsumption 4 (# of weeks in Month) X 2 (Set maintaining stocks in weeks)					
	(Column R) (Collision public) (4 (# 0) weeks in Month) / / /					
	Next Month (N+2) = N+2 - Deduct the 2weeks added dry to Column K + (Next Month (N+3) Consumption Stocks in weeks)					
	(Column O) Consumption Co					
	Next Month (N+3) = N + 3 Consumption					
	(Column S)					
	For the Monthly Expected Stock Computation please follow below:					
	Current Expected Stock = Last Month Current Month For Request & Current Month					
	(Column H) Ending + Incoming + for PO to - Production Plan					
	Inventory (Column E) Supplier Adjustment					
	(Column F) (Column G)					
	Next Month (N+1) = Current Month Next Month For Request & N+1					
	(Column I) (Column K)	1				

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No.	Work Procedure/ Illustration			·	Records/Remarks/ Quality Pointers		
	Next Month (N+2 Expected Stock (Column P)		Next Month For Re (N+2) + for PO Incoming (Column M) (Column M)	er Adjustment	in	,	
	Next Month (N+3 Expected Stock (Column T)		Next Month For Re (N+3) + for PO Incoming Supplii (Column Q) (Column	er Adjustment	n		
	= -	ty for Request & for Purchase C nly expected stocks. It should be			=	Note: Even lacking based on the computed expected stocks, need to verify first if really	
8		ted, verified and double checke onth Forecast to Supplier. If the				need to Purchase incoming from Supplier.	
9		urchase Order, encode first in K roved, prepare Purchase Order		of Purchasing Manager.			