



SUPPLIER CAPACITY ANALYSIS REPORT

A. New Model Required OEE - Date of Study														
A1) Supplier & Part Information	A2) Capacity Requirements	A3) Key Contacts												
Supplier Name Location/Site Code Part Name Part Number	Date of Study: 00.01.1900 <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td><PA> Requirements</td> <td>APW</td> <td>MPW</td> </tr> <tr> <td>Revised Requirements</td> <td>0</td> <td>0</td> </tr> </table>	<PA> Requirements	APW	MPW	Revised Requirements	0	0	Supplier Contact: Methode STA <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Name</td> <td>Phone #</td> <td>Email</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Name	Phone #	Email			
<PA> Requirements	APW	MPW												
Revised Requirements	0	0												
Name	Phone #	Email												

Supplier Capacity Requirements Supplier to demonstrate APW of _____ parts per week operating no more than 5 days per week
 Supplier to demonstrate MPW of 0 parts per week operating no more than 6 days per week

A4 - A6. Machine Capacity - To be filled in at APQP (Industrialisation) phase

A4 Planned Departmental Operating Pattern & Net Available Time	Process 1		Process 2		Process 3		Process 4		Process 5		Process 6		Process 7		Process 8	
	APW Plan	MPW Plan	APW Plan	MPW Plan	APW Plan	MPW Plan	APW Plan	MPW Plan	APW Plan	MPW Plan	APW Plan	MPW Plan	APW Plan	MPW Plan	APW Plan	MPW Plan
	A Process description (in value stream order) B Days / Week C Shifts / Day D Total Hours / Shift E Contractual Planned Downtime (minutes/shift) - breaks, lunch etc. F Allocation Percent per week (enter 100 for dedicated) G Net Available Time (hours / week) G1 Planned Minutes per Changeover (into this part #) G2 Planned Changeover Frequency / Week (into this part #)															

A5) Required Good Parts / Week	APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan															
H Percent of parts scrapped	0.0%															
J Req'd Good Parts / Week to Support Next Process	-															
[Process 1 Req'd Parts = Process 2 Req'd Parts / (100% - Process 2 Scrap%)]	-															
	Avg. Weekly		Max Weekly													

A6) Required OEE	APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan APW Plan MPW Plan															
K Ideal Cycle Time per Tool or Machine (sec/cycle)																
L # of Tools or Machines in parallel																
M # of identical parts produced per Tool or Machine Cycle																
N Net Ideal Cycle Time (sec/part)																
P Theoretical Parts per week at 100% OEE [G x 3600 / N]																
Q Required OEE [J / P]																
R Percent of parts reworked (re-run through process)																
S Can process contain its changeover, scrap & rework assumptions? [Is																
T % Remaining for Availability & Performance Efficiency losses																
Enter any other assumptions for clarification																

B. Supplier Demonstrated OEE - Phase 3 PPAP (Capacity Verification) - To be filled in by supplier on PPAP submission or Methode STA on site

B1) Equipment Availability														
V Total Available Time (Include ACTUAL changeover time for Shared)														
W Planned Downtime - lunches/breaks/mtgs. (minutes)														
X Net Available Time (minutes) [V - W]														
Y Shared Equip Changeover Time ACTUAL (minutes)														
Z Shared Equip Changeover Time Weekly Scaled (minutes)														
AB Observed Unplanned Downtime (minutes)														
AC Operating Time (minutes) [X - Y - AB]														
AD Equipment Availability [(X - Z - AB) / X * 100]														

B2) Performance Efficiency														
AE Total Parts Produced (Good, Scrapped, & Reworked)														
AF Net Ideal Cycle Time (seconds/part) [N]														
AG Performance Efficiency (AE * AF / AC)														
AH "Availability" and/or "Performance Efficiency" Losses Not Captured														

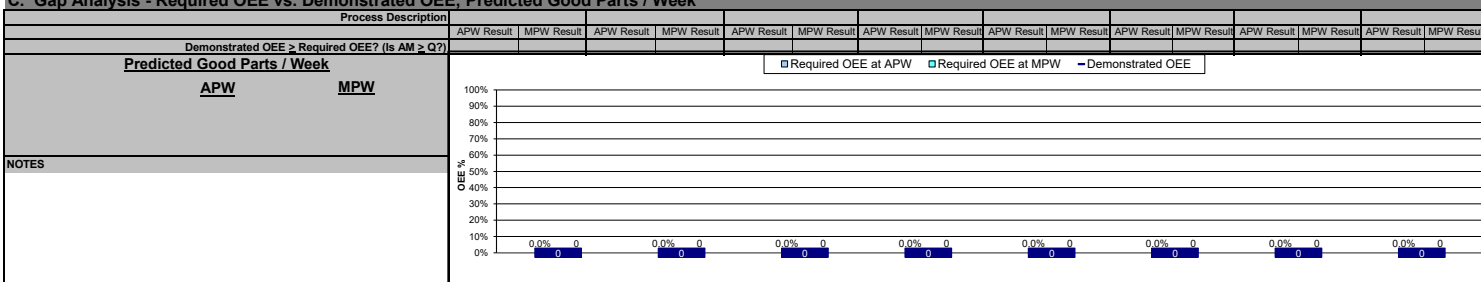
B3) Quality Rate														
AJ # Parts Scrapped														
AK # Parts Reworked														
AL Quality Rate [(AE - AJ - AK) / AE]														

B4) Overall Equipment Effectiveness (OEE)														
AM Phase 3 OEE [AD * AG * AL]														

B5) Process Specific Weekly Part Estimate [P * AM]														
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B6) Observed Average Cycle Time (sec/cycle)														
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C. Gap Analysis - Required OEE vs. Demonstrated OEE; Predicted Good Parts / Week



SUPPLIER OPERATION MANAGEMENT APPROVAL				FOR METHODE ELECTRONICS STA USE				Approved <input type="radio"/> Rejected <input type="radio"/>
Authorized Representative Name / Title		E-mail Address		STA Name		E-mail Address		
Signature		Phone Number		Date		Signature		