

A. New Model Required OEE (Overall Equipment Effectiveness) - Moritz Technologies GmbH 2018 B 479 H1BT-14A390-AED																	
A1) Supplier & Part Information						A2) Capacity Requirements						A3) Key Contacts					
Moritz Technologies GmbH D-96249 Gonsenheim RUD Christoph H. Bruns CHRS. H1BT-14A390-AED						Supplier Name: Nadiye Barutcu Location/Site Code: +902128559300 Part Name: wasser.steffen@moritz-production.de Part Number: wasser.steffen@moritz-production.de						Name: STA Site Engineer Phone #: Nadiye Barutcu Email: +902128559300 Supplier Lead: Walter Steffan Ford Buyer: wasser.steffan@moritz-production.de					
Capacity Requirements																	
Supplier to demonstrate APW of 10625 parts per week operating no more than 5 days per week																	
Supplier to demonstrate MPW of 12750 parts per week operating no more than 6 days per week																	
A4 Planned Departmental Operating Pattern & Net Available Time for All Customers																	
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																	
A5) Required Good Parts / Week																	
H Percent of parts scrapped 0.50%																	
J Req'd Good Parts / Week to Support Next Process (Accounts for the scrap loss of each process)																	
Required Incoming Parts for Injector																	
A6) Required OEE (Overall Equipment Effectiveness)																	
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) [K / L * M]																	
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 J/(100%-H) + (JxR) + (G1x60xG2/N) <= P]																	
T % Remaining for Availability & Performance Efficiency losses [P - ((J/(100%-H)) + (JxR) + (G1x60xG2/N))] / P																	
Enter any other assumptions for clarification (Process details and further clarifications)																	
A7) Shared Process - Total Allocation Plan																	
U Total % Allocation from "Shared Loading Plan" Sheet																	
B. Supplier Demonstrated OEE - Phase 3 PPAP (Capacity Verification)																	
B1) Equipment Availability																	
V Total Available Time (Include ACTUAL changeover time for Shared) (minutes)																	
W Planned Downtime - lunches/breaks/rmtgs. (minutes)																	
X Net Available Time (minutes) [V - W]																	
Y Shared Equip Changeover Time ACTUAL (minutes)																	
Z Shared Equip Changeover Time Weekly Scaled (minutes) [Y * (X / 60)] / (G / G2)]																	
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 Run (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 (minutes) [AC - (AE * AF)]																	
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]																	
B6) Observed Average Cycle Time (sec/cycle)																	
C. Gap Analysis - Required OEE vs. Demonstrated OEE; Predicted Good Parts / Week																	
Process Description																	
Capacity Analysis Results																	
Predicted Good Parts per wk																	
Required Capacity (APW/MPW)																	
Phase 3 Demonstrated Capacity																	
Commitment (APPC/MPPC)																	
NOTES																	
SUPPLIER OPERATION MANAGEMENT APPROVAL																	
Signature Date 22.02.2024																	
Authorized Representative Name / Title																	
Signature Date																	
Version 5.5																	
FOR STA USE																	
Site Engineer STA LL6 Supervisor																	
Signature/Date Signature/Date																	
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