

# PRODUCT QUALITY PLANNING SUMMARY AND APPROVALS

## GATE4: LAUNCH REDINESS

DATE: \_\_\_\_\_

PRODUCT NAME: \_\_\_\_\_

BROJ PROIZVODA / REV: \_\_\_\_\_

CUSTOMER: \_\_\_\_\_

PROIZVODNI POGON: \_\_\_\_\_

**1. PRELIMINARY PROCESS CAPABILITY STUDY**

	QUANTITY		
	REQUIRED	ACCEPTABLE	PENDING*
Ppk - Special characteristic			
Ppk - Other characteristic			

**2. PRODUCTION CONTROL PLAN APPROVAL**

Approved Yes  No\*   
 Customer approval Yes  No\*  Not required

**3. INITIAL PRODUCTION SAMPLES**

**CHARACTERISTIC CATEGORY**

	QUANTITY			
	SAMPLE	CHARACTERISTIC PER SAMPLE	ACCEPTABLE	PENDING*
DIMENSIONAL				
VISUAL				
LABORATORY				
PERFORMANCE				

**4. GAGE AND TEST EQUIPMENT**

**MEASUREMENT SYSTEM ANALYSIS (MSA)**

	QUANTITY		
	REQUIRED	ACCEPTABLE	PENDING*
SPECIAL CHARACTERISTICS			
OTHER CHARACTERISTICS			

**5. PROCESS MONITORING**

	QUANTITY		
	REQUIRED	ACCEPTABLE	PENDING*
PROCESS MONITORING INSTRUCTIONS			
PROCESS SHEETS			
VISUAL AIDS			

**6. PACKAGING/SHIPPING**

	QUANTITY		
	REQUIRED	ACCEPTABLE	PENDING*
PACKAGING APPROVAL			
SHIPPING TRIALS			

**7. SIGNIFICANT PRODUCTION RUN**

MEETS CUSTOMER AND INTERNAL PRODUCTION PLANNING: YES  NO

**8. TIERED SUPPLIER READINESS**

	QUANTITY		
	REQUIRED	ACCEPTABLE	PENDING*
Ppk - SPECIAL CHARACTERISTICS			
CONTROL PLAN			
MSA			
SIGNIFICANT PRODUCTION RUN			

**9. PRODUCTION PART APPROVAL (PPAP)**

CUSTOMER APPROVAL STATUS APPROVED   
 INTERIM APPROVAL\*   
 REJECTED\*

NOT REQUIRED

10. LESSONS LEARNED IMPLEMENTATION

FROM PAST PROGRAMS & PRECEDING STAGES	COMPLETE	PENDING*

\*If pending, must have action plan

11. APPROVALS

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TEAM MEMBER/TITLE/DATE

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TEAM MEMBER/TITLE/DATE

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TEAM MEMBER/TITLE/DATE

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TEAM MEMBER/TITLE/DATE

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TEAM MEMBER/TITLE/DATE

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TEAM MEMBER/TITLE/DATE

**\*REQUIRES PREPARATION OF AN ACTION PLAN TO TRACK PROGRESS**

Note: Unless otherwise indicated, "Approval" means approval by relevant authority within the organization. Confirm with the customer if they require customer approval of any items and include customer approval on this form.

**1. Preliminary Process Capability Study:**

-Under REQUIRED, indicate the total quantity REQUIRED. At a minimum, this must include all Special Characteristics. Additional characteristics may be included using OTHER CHARACTERISTICS;

-Under ACCEPTABLE, indicate the quantity accepted per customer requirements;

-Under PENDING, indicate the quantity not accepted. All items listed as PENDING require preparation of an action plan to address and track progress until an acceptable result is achieved.

**2. Production Control Plan Approval: (may also include Safe Launch elements)**

-Indicate internal approval of Production Control Plan (Yes or No);

-If approval is No, the organization must have an action plan detailing how to address;

-Indicate customer approval of Production Control Plan (Yes, No or Not Required);

-If approval is No, the organization must have an action plan detailing how to address;

-Refer to Control Plan Checklist in Appendix A-10.

**3. Initial Production Samples:**

-Under SAMPLES, indicate the quantity of samples inspected for each item;

-Under CHARACTERISTICS PER SAMPLE, for each item indicate the number of characteristics inspected on each sample for each category;

-Under ACCEPTABLE, for each item indicate the quantity of characteristics acceptable on all samples;

-Under PENDING, for each item indicate the quantity of characteristics not accepted. All items listed as pending require preparation of an action plan to address and track progress until acceptable result is achieved.

**4. Gage and Test Equipment Measurement System Analysis (MSA):**

-Under REQUIRED, indicate the total quantity required. At a minimum, this must include all Special Characteristics. Additional characteristics may be included using OTHER CHARACTERISTICS;

-Under ACCEPTABLE, indicate the quantity accepted per AIAG Measurement System Analysis manual and/or customer requirements;

-Under PENDING, indicate the quantity not accepted. All items listed as pending require preparation of an action plan to address and track progress until acceptable result is achieved.

**5. Process Monitoring:**

-Under REQUIRED, for each item indicate the total quantity required;

-Under ACCEPTABLE, for each item indicate the quantity accepted;

-Under PENDING, for each item indicate the quantity not accepted, All items listed as pending require preparation of an action plan to address and track progress until acceptable result is achieved.

**6. Packaging/Shipping:**

-Under REQUIRED, for each item indicate the total quantity required;

-Under ACCEPTABLE, for each item indicate the quantity accepted;

-Under PENDING, for each item indicate the quantity not accepted. All items listed as pending require preparation of an action plan to address and track progress until an acceptable result is achieved.

**7. Significant Production Run**

-Indicate if results of Significant Production Run verify customer and internal production planning requirements;

-Refer to Chapter 4, section 4.1 for details.

**8. Tiered Supplier Readiness:**

8. APQP Supplier Readiness:

- The items listed are the minimum APQP activities related to Launch Readiness verified for the supply chain;
- Under REQUIRED, for each item indicate the total quantity required;
- Under ACCEPTABLE, for each item indicate the quantity accepted;
- Under PENDING, for each item indicate the quantity not accepted. All items listed as PENDING require preparation of an action plan to address and track progress until an acceptable result is achieved.

9. Production Part Approval (PPAP):

- Indicate customer approval status using appropriate check box;
- Approval status of INTERIM APPROVAL or REJECTED requires preparation of an action plan to address and track progress until customer approval is achieved;
- Refer to AIAG Production Part Approval (PPAP) manual, and customer specific requirements.

10. Lesson Learned Implementation:

- Based on past programs and preceding stages of current program, indicate result or status of implementation of lessons learned;
- Enter completed quantity of lessons learned in COMPLETE box;
- Enter quantity of lessons learned required but not completed in PENDING box. Each item listed as PENDING must have an action plan for implementation;
- If there are no applicable lessons learned, indicate N/A in the COMPLETE box.

11. Approvals:

- Relevant team members should sign the form and indicate title and date of signature.