



HUSQVARNA QUALITY ASSURANCE PROCESS FOR SUPPLIERS TO HUSQVARNA GROUP

Latest revision of this document is available on the internet:
<http://corporate.husqvarna.com/purchase>

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1 Summary

This document contains quality requirements for suppliers to Husqvarna Group and provides explanation to the Husqvarna quality assurance process and part approval procedure.

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- H-APQP is Husqvarna's method for assuring quality assurance planning and prevention of quality issues.
- PPAP approval is required for all new parts and for all changes on existing parts or processes
- Serial deliveries are only authorized when the supplier has received a signed and approved PSW (Part Submission Warrant) from Husqvarna
- If the PPAP contains known nonconformities when submitted, this must be clearly stated by the supplier in the comments section of the PSW and the results box checked "NO". Additionally a corrective action (e.g. adjustment of tool, correction of process, etc.) must be included in the document package.
- If the PPAP is rejected the supplier is responsible of prompt actions to correct nonconformities and to submit new PPAP.
- If PPAP is interim approved the parts can be accepted for a limited quantity or period of time during which a new PPAP must be submitted by the supplier well before expiration of the interim PPAP.
- Parts for PPAP must be produced using serial equipment (including part specific fixtures, gauges, instruments and other equipment) and with documented serial procedures.

2 Introduction

Husqvarna in this document is referred to any company that is part of the Husqvarna Group.

The purpose of this document and routine is to support suppliers with their quality assurance process, and to describe the approval process for parts delivered to Husqvarna Group. By using the tools described in this document improved quality, and thereby lower total cost for all parties, are facilitated.

Suppliers to Husqvarna must follow the quality assurance process described in this document. The fundamentals of this process are based on APQP¹ and PPAP², published by AIAG, which are reference manuals to the standard ISO/TS 16949 as well as Husqvarna specific requirements. ISO/TS 16949 is originally a quality standard for suppliers in the automotive industry.

2.1 Abbreviations used in this document:

AIAG Automotive Industry Action Group (www.AIAG.org)

¹ For more information see "APQP Handbook" on www.aiag.org

² For more information see "PPAP Handbook" on www.aiag.org

APQP	Advanced Product Quality Planning
H-APQP	Husqvarna Advanced Part Quality Planning
PPAP	Production Part Approval Process
SQA&D	Supplier Quality Assurance and Development
R&D	Research and Development
FMEA	Failure Mode and Effect Analysis
PSW	Part Submission Warrant

3 Husqvarna Quality Assurance Process Flow Chart

3.1 Tooling Approval

Tooling is purchased by Husqvarna either directly from a tooling supplier or through the part supplier.

In cases where the tooling is purchased by Husqvarna, responsibility for the approval is on Husqvarna side. The specific demands on the tooling approval are specified in the order.

In cases when tooling is purchased by Husqvarna through the supplier, responsibility for the approval is on supplier side, irrespective of the tooling supplier. It is the supplier's responsibility to ensure that the tooling has been tested in an environment and with parameter settings that correspond to the future series productions, before approving.

3.2 Part Approval Process

The Husqvarna Quality Assurance Process is schematically described on the next page starting with Specification of Parts and ending with a Manufacturing Pilot at Husqvarna (minor local variances may exist). The process is explained in the following chapters.

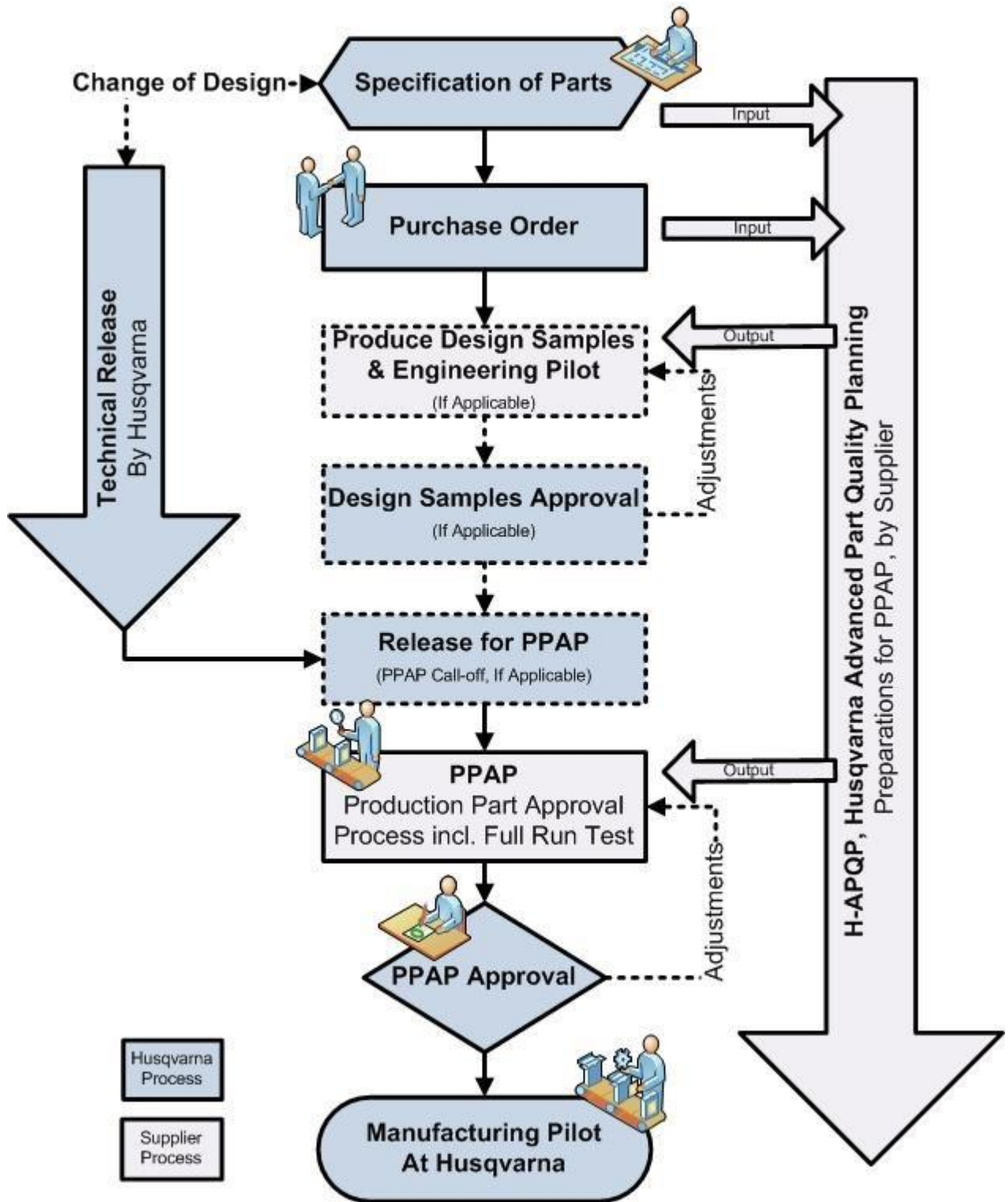


Figure 1 Part approval process

4 Husqvarna Advanced Part Quality Planning

Husqvarna uses a specially adopted version of APQP referred to as H-APQP. The H-APQP template is found on <http://corporate.husqvarna.com/purchase> and can be used for any project, part or system as directed by Husqvarna SQA&D.

The supplier first step in part quality planning is to assign a process owner for the H-APQP project and communicate to Husqvarna. In addition, a cross functional team should be established to assure effective part quality planning. The team should include representative from multiple functions such as Engineering, Manufacturing, Tool Designing, Purchasing, Quality and Husqvarna as appropriate.

The supplier cross functional team first order of business and following activities should be the development of a Time Plan. The type of part, complexity and Husqvarna expectations should be considered in selecting the time elements that must be planned and charted. All team members should agree with each event, action and timing. It may be a Gantt chart that shows the chronological sequence of tasks that required the greatest expected time to accomplish. It can provide valuable information as to:

- Interrelationships.
- Early forecast of problems.
- Identification of responsibility.
- Resource identification, allocation and leveling.

Also the chart provides the planning team with a consistent format for tracking progress and setting meetings agendas. To facilitate status reporting, each event must have a “start” and a “completion” date with the actual point of progress recorded.

Note that despite if Husqvarna has specifically required the use and reporting of the H-APQP activities by the supplier, APQP activities are crucial for ensuring part quality assurance and hence compliance should be considered as a requirement.

H-APQP serves both as a checklist and help for assuring part quality. The requirements and level of proof to be presented as minimum by the Supplier will be set by the Husqvarna SQA&D representative. The template should be used for reports of progress and conformity by the supplier to Husqvarna SQA&D.

The supplier is responsible for all activities in the H-APQP and must notify Husqvarna of all delays or deviations from the plan. All discussions regarding the quality assurance plan should be corresponded to Husqvarna through responsible SQA&D function.

The H-APQP template is built on the sections described below.

4.1 Planning and Definition

This section cover aspects that should be considered in the beginning of a project to ensure that Husqvarna needs and expectations is fully understood and met. Questions that need to be addressed are for example:

- Is the drawing and specification requirements fully understood?
- Are capability requirements understood?
- Are there needs for procurement of equipment, gauges, fixtures, etc.?
- Are second tier suppliers needed, approved and available?
- Has feasibility study been conducted with result “feasible”?
- Is Past experience of similar part or lesson learnt taken into consideration?
- Is Part Quality Time Plan defined?

The input of Husqvarna in terms of drawing and specification requirements is of course very important and it is of great importance that a drawing review is held with Husqvarna.

4.2 Part Design and Development

This section is applicable for suppliers that have design responsibility. It is tightly linked with the section “Planning and Definition” and adds information like:

- Voice of customer data analyzed?
- Has Design-FMEA been conducted?
- Have Design reviews with Husqvarna been done?
- Are Engineering drawings and Specifications been completed?
- Is specification changes required and documented?

□

4.3 Manufacturing Process Design and Development

Here all planned activities should be executed and preparations for the coming Full Run Test and PPAP submission should be initiated.

- Packaging standards that assure part integrity and are according to Husqvarna packaging requirements have been established?
- Process flow charts, Process-FMEA and preliminary control plan established?
- Work instructions developed?
- Equipment, gauges and fixtures are procured and installed?
- Preliminary delivery plans received by Husqvarna and subsequently communicated to second tier supplier?
- Special Process Characteristics understood & feasibility review?
- Dimensional Tolerance, Raw-material availability, Material Handling, Performance requirements understood & feasible to manufacture?

4.4 Engineering pilot and Design Samples – Pre-series run

A Pre-series, commonly referred to as an Engineering Pilot, may be ordered for use during testing at Husqvarna.

Together with the Engineering pilot, Design samples should be made which is Husqvarna's first approval step for new parts. For Design samples the following items are applicable:

- Samples produced in the finished tooling, with correct production data, material and dimensions. However, the complete, final and documented process is not required.
- The samples should in first hand be produced at the supplier location. If not, by supplier approved corresponding conditions. This should be clearly communicated to Husqvarna.
- The supplier must deliver five parts that fulfill all requirements according to the specifications. If a tool has more than one cavity, three samples from each cavity shall be measured and submitted as Design samples. This should be considered as default and any deviations must be in written agreement with Husqvarna.

Design samples sent to Husqvarna must be properly marked. If Design samples do not conform to specification the supplier is requested to correct and resubmit new Design samples as instructed.

The Research & Development (R&D) departments at Husqvarna are the approving authority for Design samples. Design sample approval may not always be applicable.

4.5 Full Run Test - Product and Process validation

The purpose of a Full Run Test is to verify capability and capacity requirements of the manufacturing process meant for series production.

- The Full Run Test must be taken from at least one hour of production with a volume of at least 1000 parts/components or at tools with multiple cavities at least 500 shots, if no other agreement is made in the order or with SQA&D.
- Process capability study should be done where applicable for critical parameters decided initially with SQA&D.
- If a tool has several cavities, samples should be taken from each individual cavity. The cavities shall be identifiable.
- All settings for the process must be tested and verified before Full Run Test.
- When shift work is performed the test should include a shift-change.
- The test shall be done by operators in the appropriate tooling/equipment and with products produced according to documented control plans that meet all required specifications.

The results of the full run test should be summarized in a full run test report. The report is available at <http://corporate.husqvarna.com/purchase> and should be enclosed with the PPAP.

Husqvarna representative shall always have the possibility to be physically present at the supplier to witness the Full Run Test.

4.6 PPAP Documents for submission to Husqvarna

The requirements of PPAP documents should be decided by the PPAP level, see section 10.2 for reference.

4.7 Husqvarna approval, Start of serial production & Delivery

Husqvarna approves for start of serial production and delivery by approving the PPAP and sending the PSW see section 11 for reference. This section should also cover that delivery plans have been received and are confirmed, and that plans have been communicated to second tier suppliers and confirmation has been received.

5 Quality Assurance of Second Tier Suppliers and Assigned Parts

In specific cases when a supplier (first tier) to Husqvarna uses a sub-supplier (second tier) the first tier supplier must show how the quality and the environmental aspects of the parts in question are assured.

The first tier supplier that delivers/sells the complete part to Husqvarna is responsible for the quality assurance process of second tier suppliers. This also means that e.g. trading companies are responsible for their selected suppliers. Change of second tier and/or second tier supplier processes will require a new PPAP submission.

The criteria of selecting and qualifying part / supplier combination shall be described by the supplier. Husqvarna requirements shall be transferred to the second tier supplier whenever it is applicable.

For the special process (Heat Treatment, Painting, Plating, Welding, Soldering etc.) carried out at second tier supplier, first supplier must define process control parameters and frequency in agreement and collaboration with second tier to ensure fulfillment of requirements.

Husqvarna may choose specific parts in a system to be bought by the first tier supplier from an assigned second tier supplier. When assigned parts are applicable, the default is that first tier supplier is responsible of part approval and quality assurance of parts sourced from second tier.

Husqvarna may initiate part quality planning process with a second tier supplier. However, the first tier supplier has the final obligation to establish and finalize part quality planning process for second tier suppliers.

In specific cases, Husqvarna may choose to do full or partial PPAP approval of a specific part and thereby assumes responsibility of the part until the PPAP has been approved. However, the responsibility for quality assurance in all coming events is from that point taken over by the first tier supplier. The quality assurance of parts from second tier by Husqvarna on specific assigned parts should be treated as a minimum level by the first tier supplier.

Second tier suppliers must be able to show a valid PPAP and PSW signed by the first tier supplier when requested by Husqvarna.

6 Packaging and Pallets

Suppliers must use packaging and load carriers in accordance with Husqvarna packing instructions. Note that the different Husqvarna factories may have different packing instructions and it is the supplier's responsibility to use the correct one. All instructions for respective Husqvarna factory can be found at <http://corporate.husqvarna.com/purchase>.

Besides Husqvarna specific instructions, the supplier should establish the packaging to always ensure part integrity at point of Husqvarna use

It is mandatory for suppliers to demonstrate for Husqvarna how they intend to pack the parts, e.g. by sending photos, regardless whether the packaging conforms with Husqvarna standard or not. This should be done before first delivery can take place. Target is to send PPAP samples using the final packaging.

7 First Approval Step (Design Sample Approval)

The R&D departments at Husqvarna are the approving authority for design samples.

7.1 Design changes

The design changes or modifications that Husqvarna requires on its parts shall be sent in writing to the supplier.

All technical modifications originating from the supplier shall be formally accepted by Husqvarna before they shall be considered approved and new specifications should be issued.

Before applying the change, the supplier shall assess the risks of any change in terms of impact on the Quality, Cost & Delivery performance and submit the upgrade/modification for approval by Husqvarna.

8 Technical Release

When a part has successfully finished the internal testing and verification at Husqvarna the R&D department gives the part the status technical release.

9 Released for PPAP

If Design samples have been ordered first, a separate PPAP call-off will be done when the design samples and the test process at Husqvarna have been approved.

Note that when Design samples are not required, the PPAP call-off is normally done in conjunction with the purchase order.

10 PPAP

All activities in PPAP must be performed by the supplier before the start of series delivery to Husqvarna. The PPAP level determines which constituents should be sent to Husqvarna for approval. When submitting a PPAP Husqvarna always demands that all constituents according to PPAP level should be enclosed. The delivery address should be specified in the purchase order. The package should be clearly marked "PPAP" and with part number and part revision.

The PPAP is approved per revision level and it is the supplier's responsibility to submit new PPAP when rejected or when revision is changed.

Note that the supplier must also submit any other information besides the requirements in PPAP that Husqvarna may consider needed for ensuring quality.

10.1 When New PPAP is Required

The supplier is responsible of submitting PPAP for approval in the following cases:

- New part or product
- Correction of non-approved PPAP
- Change of specification according to engineering change order (ECO) - new revision level.
- New or changed material or new design of previously approved part (change of specification)
- New, replaced, changed or reconditioned tool
- Changes in production process (first/second/n- tier supplier)
- Changes in manufacturing method (first/second/n- tier supplier)
- Transfer of part to different plant or a different supplier
- Change of included parts (The supplier that delivers to Husqvarna is responsible for quality assurance of second tier suppliers and must submit the PPAP)
- When the part has not been manufactured during the last twelve months (when requested)
- When requested by Husqvarna due to quality issues
- Husqvarna may also request submission of PPAP due to other reasons when deemed necessary

If there are uncertainties whether new approval is required or not, the responsible person in the SQA&D department (or other responsible personnel in respective Husqvarna factory) should be contacted.

The PPAP level for new parts should be specified by Husqvarna when the order is placed. PPAP Level 3 shall always be the default, unless otherwise specified in the order.

10.2 Submission Requirements for Different PPAP levels

PPAP levels, overview:

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Table 1 PPAP level overview

Requirements	Level 0	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Part Submission Warrant	S	S	S	S	S	S	S
Initial Samples	R	R	S	S	S	R	*
Drawings	R	S	S	S	S	R	*
Inspection Results, incl. material certificates, etc.	S	R	S	S	S	R	*
Laboratory and Functional Results.	R	R	S	S	R	R	*
Process Capability Studies (Special characteristics) **	R	R	R	S	S	R	*
Process Flow Chart	R	R	R	S	R	R	*
Failure Mode, Effects and Analysis (FMEA) Process Control Plan	R	R	R	S	R	R	*
Process Control Plan	R	R	R	S	R	R	*
MSA for Special characteristics	R	R	R	S	R	R	*
Appearance Approval Report	R	S	R	S	R	R	*
Full Run Test Report	R	R	R	S	R	R	*
Packaging instructions	R	R	R	S	R	R	*
H-APQP checklist	R	R	R	*	R	R	*
Other information as requested by Husqvarna	*	*	*	*	*	*	*

* The supplier must submit to Husqvarna upon request

** The supplier must supply data graphically with C_{pk} and C_p values

S = the supplier must include in PPAP submission

R = the supplier shall retain at supplier location and make readily available to Husqvarna upon request

PPAP levels, detailed:

PPAP level 0 (tooling PPAP ONLY)

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- Part Submission Warrant (PSW), see Section 10.3. □ Inspection Results

PPAP level 1

- Part Submission Warrant
- Drawings
- Appearance Approval Report

PPAP level 2

- Part Submission Warrant
- Initial Samples, see Section 10.4
- Drawings
- Inspection results (all dimensions and requirements according to drawing incl. heat treatment, material certificates, surface coating etc.). Five initial samples must be measured unless otherwise has been specified. If a tool has more than one cavity, three samples from each cavity should be measured.
- Laboratory and Functional Results, see Section 10.5 for reference

PPAP level 3

- Part Submission Warrant
- Initial samples see Section 10.4
- Drawings
- Inspection results (all dimensions and requirements according to drawing incl. heat treatment, material certification, surface coating etc.). Five initial samples must be measured unless otherwise has been specified. If a tool has more than one cavity, three samples from each cavity should be measured.
- Laboratory and functional results (for parts with special demands e.g. ignition modules, tanks, engines, etc.), see Section 10.5
- Process flow chart
- Production Failure Mode and Effect Analysis (FMEA)
- Process Control Plan
- Measurement System Analysis (MSA) for Special characteristics
- Process Capability, see Section 10.6
- Full Run Test report, see Section 4.5
- Packaging instructions which are in accordance to Husqvarna packaging requirements, see Section 6.
- H-APQP checklist
- Other information as requested by Husqvarna

PPAP level 4

- Part Submission Warrant
- Initial Samples. Five initial samples must be measured unless otherwise has been specified. If a tool has more than one cavity, three samples from each cavity should be measured.
- Drawings
- Inspection results for Special characteristics

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- Inspection results for changed dimensions or other requirements.
- Process Capability Studies (for revised Special characteristics, see section 10.6)

PPAP level 5

- Part Submission Warrant
- Held at supplier location:
 - All other constituents for PPAP level 3

PPAP Level 6

- Part Submission Warrant
- The supplier must submit to Husqvarna upon requests.

10.3 PSW - Part Submission Warrant

When requesting approval of PPAP the Husqvarna PSW form must be used. The latest revision of PSW can be found on <http://corporate.husqvarna.com/purchase>

10.4 Initial samples

The purpose of initial samples is to check the conformity between the technical specification and the result of parts produced in the equipment intended for series production. Note that initial samples are only one part of the PPAP and when PPAP is called off all constituents according to PPAP-level should be submitted.

The Initial samples must be representative for the imminent series production and must consequently be manufactured with the equipment, with the material, with the operators and with the process settings intended for series production. Unless otherwise specified in the order, there must at least be 25 initial samples. Five of these have to be measured, and the results have to be documented.

If a tool has more than one cavity, Initial samples must be taken from each cavity. The different cavities must be identifiable on the Initial samples and at least three parts from each cavity must be measured.

All dimensions and other requirements on the drawing or other technical specification must be accounted for in a dimensional results report. There must be explicit reference between the dimensions on the drawing and the report. Indicating gauges must be used and the types of measuring equipment must be specified in the report.

Dimensional results form can be found on <http://corporate.husqvarna.com/purchase>.

When changes in design or changes in the production process are done, it may be enough to measure the dimensions and/or characteristics that are directly or indirectly affected by the change. It is important that changes are clearly described and enclosed with the dimensional results report when

requesting approval. In these cases the specific changes are approved. If the article in question has any other previous deviations these are not approved, unless they are corrected.

It is important that the persons performing the measuring are well familiar with the function of the part to avoid misunderstandings when interpreting the requirements. It is the supplier's responsibility to make sure that all specifications are fulfilled. If deviations occur the supplier must make all efforts to correct the process so that the requirements are accomplished. Deviations from the specification must be cleared up before approval request is sent to Husqvarna. The dimensional results and initial samples should be submitted with the PSW and sent to Husqvarna.

For tool bound parts the following may be applicable if formally decided by Husqvarna: If Design samples have previously been approved dimensionally by Husqvarna and no additional changes have been made since, the design samples and measurements may be referenced in the PPAP and no submission of dimensional results (besides capability study) of Initial samples are needed.

10.5 Laboratory and Functional Testing

The supplier is responsible of performing any laboratory and/or functional tests required by the drawings or technical specifications. The results of the tests should be summarized in a report and submitted with the PPAP. This applies to for instance hardness testing, torque testing, leakage testing, electrical function testing, etc. Laboratory and Functional testing should also be included in the control plan and should be performed during series production.

Material analysis: Material tests and analysis shall be performed on all parts where material/chemical/metallurgical requirements are specified. A third part certificate which is traceable is accepted if the supplier does not have the possibility to perform all tests in-house.

Appearance: If the specification of the appearance of the part is very important the result shall be presented. The primary concern of this document is color and texture that are visible for the customer.

Function: The supplier must perform functional tests and the results must be presented if the specification contains functional requirements. Functional requirements are specified in technical specifications or on the applicable drawing.

10.6 Capability Studies – Special Characteristics

Process capability studies³ are performed to verify if the process is capable to produce product/articles according to the requirements set by Husqvarna. Capability studies must as a minimum be done for Special characteristics that have been agreed with Husqvarna.

³ For reference see Statistical Process Control on www.aiag.org

Special characteristics are noted on the drawings or specification with special symbols or described as:

- Inspection Feature Identification (IFI)
- Control and capability feature
- Critical or Significant Characteristics (CC or SC)

These markings indicate characteristics that affect fit, form and/or function of the part in its application. In addition the supplier may add additional characteristics as identified by P-FMEA that needs to be treated in the same manner as Special characteristics. The marking of Special characteristics does not remove the supplier from the responsibility to make sure that all other characteristics are also correct.

For Special characteristics the following apply.

10.6.1 Process control

The minimum requirements for controlling Special characteristics are:

- Special characteristic should be clearly noted in Control plan with first and last piece inspection or sampling inspection.
- Special characteristics may require SPC³, Statistical Process Control, or other traceable verification method (certificates etc.) on batch level.

10.6.2 Capability

Capability requirements for Special characteristics are:

- For PPAP submission, checked on minimum 50 randomly selected parts:
 - **C_{pk}>1.67** or
 - Attribute study (if applicable) or
 - C_p>2.0 (if applicable and if requirement is set on characteristics controlled by tooling and tool have been designed to optimize lifecycle. Any such arrangement must be in agreement with Husqvarna SQA&D).
- For subsequent series production the requirements is ○ **C_{pk}>1.33** over time

If capability requirement is not fulfilled, 100% inspection is required until process has been improved.

11 Final Approval Step (PPAP Approval)

The production preparation and industrialization activities must be carried out as a base for approval of parts for series production. All activities in PPAP must be performed by the supplier and approval must be given to the supplier before the start of production series delivery to Husqvarna. Approval will be granted if the supplier in fully fulfills and understands all requirements and specifications and has the necessary settings to produce the parts in series production.

After the approval of PPAP the supplier is not allowed to make any changes in the production process without a new approval by Husqvarna.

The approval authority at Husqvarna assesses the approval request including documentation and samples according to PPAP-level. The decision may be:

Approved: The part meets all requirements. The supplier must start deliver according to delivery schedule.

Rejected: The part does not meet all requirements. The supplier may not deliver. The supplier must immediately take corrective actions for the deviations and remarks made by Husqvarna, and as soon as possible send a new PPAP to the approval authority.

Interim: Interim PPAP approval means that the part is approved for delivery for a limited quantity and/or period of time set by Husqvarna. Interim is divided into four classes (A, B, C, D) which can shortly be explained as:

A: Process and/or documentation deviation. Supplier must correct deviation and to resubmit new PPAP as soon as possible.

B: Deviation from part specification. However specification can be changed to match part results. Supplier must resubmit new PPAP level 1 after receiving new specification from Husqvarna.

C/D: Deviations from part specification. Deviation must be corrected as soon as possible and new PPAP must be submitted.

Supplier must submit an action plan for the deviation based on the Class (A, B, C or D), inspection report and set date/quantity limits. Note that the supplier must provide new PPAP submission for approval well before set limits of date/quantity.

12 Manufacturing Pilot at Husqvarna

When all parts are technical released and PPAP approved Husqvarna makes an assessment if the complete product can be released for manufacturing pilot. The manufacturing pilot is Husqvarna's internal full run test. Parts for the manufacturing pilot should normally be called-off according to delivery schedule or Kanban.

13 Quality Deviations in Series Production

Parts that do not conform to the specification must not be sent to Husqvarna factories. Only in exceptional cases can an exemption or deviation request be approved. It is the supplier's responsibility to submit a deviation request to Husqvarna and get it approved by Husqvarna before

delivery. The Deviation Request can be submitted on any form suitable to the supplier unless requested by Husqvarna.

If a deviation from specification of a part is detected at Husqvarna locations the supplier will be contacted by the quality department at the respective factory (or other authorized personnel within the Husqvarna organization) and asked to immediately correct the current discrepancy. If the circumstances require the supplier must ship replacement parts and/or have staff in place for sorting in a time frame set by Husqvarna. Additional costs associated with the handling and actions within Husqvarna such as rework, sorting, adjusting etc. will be charged back to the supplier. For details around costs see separate routine available at <http://corporate.husqvarna.com/purchase>.

Corrective actions by the supplier are expected immediately against any deviation or defect both as containment short term actions and permanent long term solution. Containment actions are expected within 24h from reporting and planned long term solution within 14 days. Account of the corrective actions should be presented to Husqvarna in form of 8D-report (8 Disciplines).

If a supplier is delivering the same or similar parts to several Husqvarna factories, the supplier is ultimately responsible of also escalating and issuing containment actions to protect the other Husqvarna factories besides the one factory reporting the issue.

14 Version History

Administrational changes should be listed as a new version

Version Number	Short description of changes to the document	Date
1.0	System change, former uncontrolled.	2016-12-15
4	Updated template	See date in footer