



**Motors & Generators**

# Global Supplier Quality Manual

The information in this manual is provided for convenience of our suppliers and may be subjected to change from time to time without prior notification. This manual may be used as a guide but not as a substitute to ABB Procedures, Work Instructions or Quality Management System.

## Preface

As a supplier to the ABB Motors and Generators business, you are a key partner of ours - without you, we simply do not exist. And as our partner, we need you to deliver the right product, at the right time, with the right quality.

When this does not happen, our factories are disrupted. Their focus shifts away from their standardized work, one problem cascades into several, and ultimately our customers are negatively impacted. We need to work together to avoid poor quality.

This manual defines processes which we need to execute together. You will find a heavy emphasis on proactive methods of risk mitigation & problem avoidance. These range from the initial assessment of potential suppliers, to the qualification of new parts you will be producing, to our surveillance audit program. We also define what we need from you when things go wrong, so we can work together to quickly resolve quality issues.

As a supplier to ABB Motors and Generators, we need you to understand, implement and adhere to the processes spelled out in this manual. In doing so, we will work together to deliver quality products. We require it. Our customers demand it.

Kevin Bloomstran  
Global Supplier Quality Leader  
ABB, Motors & Generators

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## ABB Quality policy

**There are many dimensions in which ABB can compete, but none of these are meaningful for our customers without a foundation of quality. The responsibility for quality is something that must be owned by every person, every business, and every location that ABB calls home.**



Ulrich Spiesshofer, CEO ABB.

To ensure that we meet our responsibilities and obligations to our customers, our people, our partners, our suppliers and to our shareholders we are committed to the following Quality Objectives:

- Deliver on-time and on-quality products, systems and services that meet or exceed our customer's expectations.
- Identify and understand our customer's expectations, measure customer perceptions, and implement improvements to increase customer satisfaction.
- Enable and engage our people at all levels in a relentless drive to improve operational performance along the value chain from suppliers to customers.
- Increase the motivation and skills of our people to add value to our customers and our businesses, through continual training and development.
- Leverage our partners and suppliers strengths to improve our products and our businesses from product design through production, installation and operation.
- Embed social responsibility and company ethics policies in our business practices.
- Continuously improve environmental, health and safety performance through all products, operations, systems and services.

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## **Forms**

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## **Abbreviations**

8D	8 Disciplines
AIAG	Automotive Industry Action Group
APQP	Advanced Product Quality Process, as defined by AIAG
C-OTD	Confirmed on Time Delivery
CAPA	Corrective and Preventative Action
CoNC	Cost of Non-Conformance
CoQ/CoPQ	Cost of Quality / Cost of Poor Quality
CS1	Controlled Shipping, Level 1
CS2	Controlled Shipping, Level 2
CTP	Critical to Process
CTQ	Critical to Quality
DFMEA	Design Failure Mode Effects Analysis
FPCR	Frozen Process Change Request
FPQ-PO	First-Piece Qualification – Purchase Order
KPI	Key Performance Indicator
MG	Motors & Generators Business of ABB
MOMG	Motion - Motors & Generators Business of ABB
MSA	Measurement System Analysis
NCM	Non-Conforming Material
NCR	Non-Conformity Report
PFMEA	Process Failure Mode Effects Analysis
PPAP	Production Part Approval Process, as defined by AIAG
PPM	Problems per Million
PTR	Production Trial Run
QN	Quality Notification
RoHS	Restriction of Hazardous Substances
SDR	Supplier Deviation Request
SPC	Statistical Process Control
SPE	Supplier Performance Evaluation
SQE	Supplier Quality Engineer (multiple titles exist in ABB, such as Regional SQE, Plant SQE, Plant Quality Engineer, Plant Quality Technician, Plant Quality Incoming Inspection Leader)
SQP	Supplier Quality Process Assessment
SQQ	Supplier Qualification Questionnaire

## 1. Introduction

### 1.1 Purpose

This document defines the **minimum** Product and Process Quality requirements for suppliers of serial / regular production components (direct material) to the ABB Motors & Generators Business.

### 1.2 In-Scope / Out-of-Scope

In-Scope - All Tier 1 Suppliers of: raw material and direct material / components purchased from external vendors for serial / regular production in Motors & Generators plants; components purchased from ABB businesses' outside of Motors & Generators for serial / regular production in Motors & Generators plants; Buy-Resale items purchased by the Motors & Generators business.

Out-of-Scope - Suppliers of: indirect material; components deemed to be low-risk (i.e.: C-Class / catalog parts, aka non-ABB-specific part numbers); components purchased from internal Motors & Generators plants; components purchased for Repairs & Services business; service providers (labor); and external vendors deemed to be an extension of a Motors & Generators plant (i.e.: sequencer / sub-assembler.) Also, out of scope is Tier 2, Tier 3, and all Sub-Tier suppliers - however ABB Motors and Generators Tier 1 suppliers should have a similar document and requirements in place for their supply base.

### 1.3 APQP, PPAP, AIAG, ISO / TS / IATF

External agencies, organizations, certifying bodies, etc. are referenced in this manual. Our intent is not to alter, repeat or deviate from requirements from these external bodies. Suppliers of ABB Motors & Generators should be knowledgeable of these external bodies, and seek expanded definition, documentation & learnings directly from these external bodies, or authorized & certified agencies & registrars.

APQP and PPAP are proven standards in manufacturing excellence. As they are becoming the norm across industries, ABB Motors & Generators intends to follow APQP & PPAP as defined by AIAG.

APQP consists of five major Phases. Phases 1 & 2 are out-of-scope of this manual at this time, as their focus is on product design. Phases 3, 4 and 5 are In-scope of this manual, as described in later sections. APQP Phases:

- 1.) Pre-Planning / Plan & Define (ie: Lessons Learned, Voice of the Customer...as it pertains to design.)
- 2.) Product Design & Development (i.e.: Design reviews, DFMEAs, Designing within process capabilities)
- 3.) Process Design & Development (i.e.: PFMEAs, Identification of CTQs/CTPs, etc.)
- 4.) Product & Process Validation (ie: Control Plan, MSA, SPC, PPAP Submission, etc.)
- 5.) Feedback Assessment & Corrective Action (ie: full-production lessons learned, RCA/8D, etc.)

PPAP is in-scope of this manual, as described in later sections.

ISO / IATF: Suppliers must have a Quality Management System, certified by a third-party registrar.

New suppliers to ABB must be certified according to ISO 9001 or IATF 16949, or similar recognized quality management standard.

Existing suppliers that are not yet certified (very few) are strongly encouraged to seek certification. ABB Motors and Generators may require you to become certified prior to being considered for additional business and/or growth, or due to poor supplier performance.

ISO 14001/18001 (or similar, recognized environmental / health & safety management standard) is strongly recommended.

## 2. Supplier Approval for Quality

### 2.1 Purpose

Supplier Approval for Quality takes place early in the ABB / new potential supplier relationship.

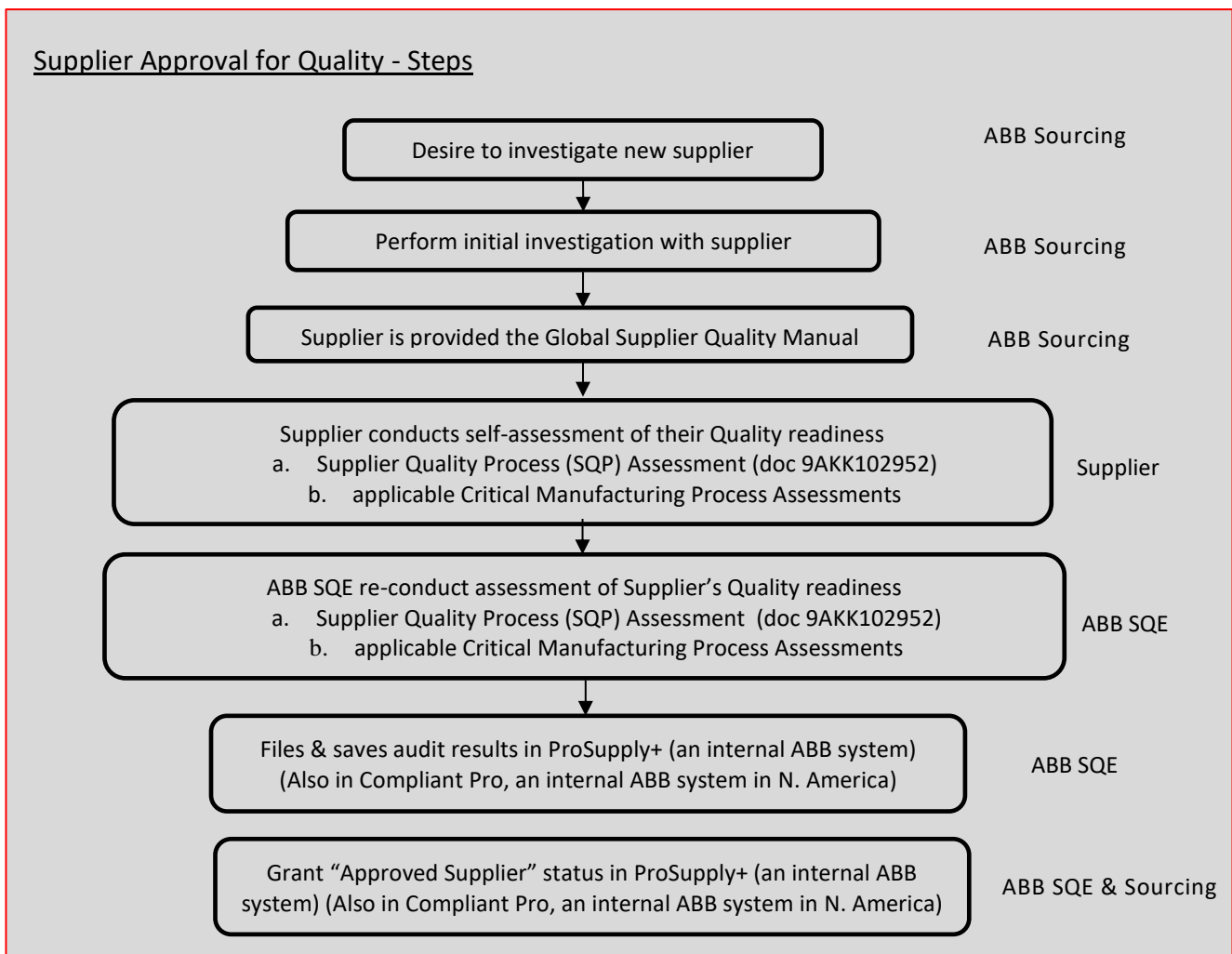
*ABB requirements of suppliers go well beyond quality. For instance, ABB has an internal document titled "Supplier Qualification, GP/SCM-12," which includes a company-wide supplier self-assessment titled "Supplier Qualification Questionnaire (SQQ)", a "Supplier Code of Conduct," etc. As this manual is focused on quality, and these documents address topics beyond quality, they will not be covered and/or repeated in this manual.*

A supplier re-assessment and re-approval for quality is required for all suppliers who have been disqualified prior to reactivation, or have not supplied ABB Motors & Generators for 3 years.

When a supplier has multiple manufacturing sites, each site requires its own Supplier Approval.

When ABB buys from a distributor, the distributor is expected to have rigorous sub-tier supplier oversight of the manufacturing sites, consistent with the requirements defined in this manual.

Approving a supplier does not authorize that supplier to manufacture parts for ABB Motors & Generators. Production Part Approval Process (PPAP) is the next required step.



## 2.2 Assessments

Supplier Quality Process (SQP) Assessment (doc 9AKK10295). See Forms section. Form #1.

Critical Manufacturing Process Assessments. See Forms section. Form #2

*This section is under construction, as new assessments are being creating for these manufacturing processes. Considering:*

- Casting
- Machining
- Welding
- Fabrication
- Copper / Copper Wires
- Painting
- *Winding Assembly*
- *Rotor Assembly*
- *Stator Assembly*
- Excitation Circuit & Power Electronic Components
- Permanent Magnets / Magnet Modules
- *Stamping*
- *Plating*
- *Heat Treat*
- *Mechanical CA Bearings*
- *Mechanical Assy*
- *Brakes*

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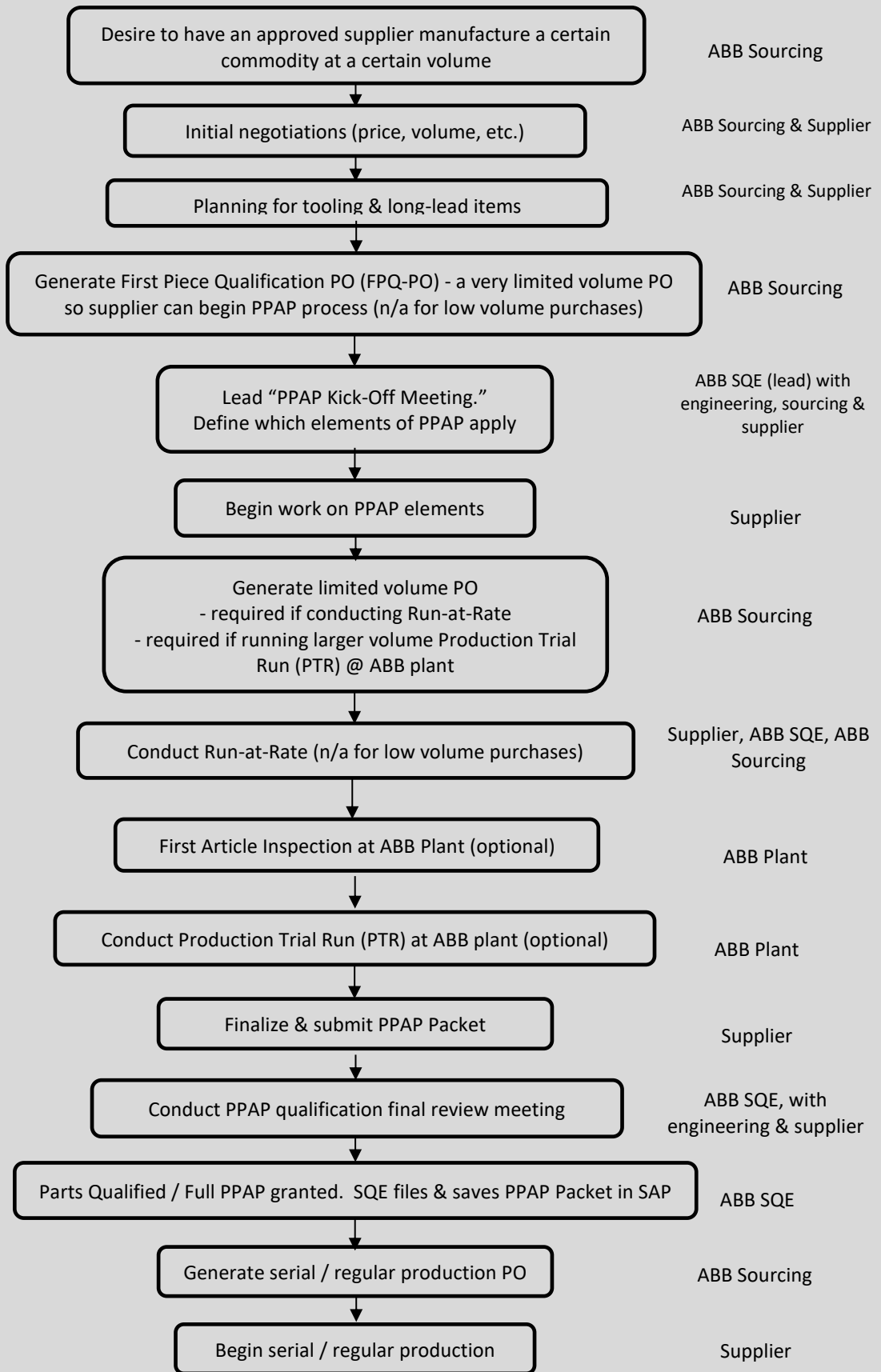
## 3. Part Approval (PPAP)

### 3.1 Purpose

Production Part Approval Process (PPAP) is a rigorous process intended to ensure the supplier's ability to manufacture sustainable high-quality parts at a proven volume. PPAP focuses heavily on the supplier's processes and capability to yield conforming material.

The supplier must receive PPAP approval from ABB prior to the first shipment of serial / regular production parts.

Production Part Approval Process (PPAP) - Steps





### 3.2 PPAP - Risk Levels

The determination of risk is based on many factors, including; critical manufacturing processes such-as casting, forging, heat treat, welding, coating, etc.; use of the product in a safety-critical application; compliance requirements; export; long lead-times; new suppliers to ABB; plant moves; new component designs; transfers from vendor to vendor, or ABB to vendor; historical performance of supplier; etc. etc.

AIAG defines 5 levels of PPAP to address 5 levels of risk. ABB Motors & Generators utilizes two of those levels:

- High Risk PPAP (similar to AIAG Level 3 PPAP).
- Medium Risk PPAP (similar to AIAG Level 2 PPAP).
- Low Risk / exempt from PPAP - Catalogue parts (i.e.: no ABB-specific part number.)

Medium Risk PPAP constitutes most part approvals required by ABB Motors & Generators.

The ABB SQE determines the Risk Level required for PPAP.

### 3.3 PPAP - Element Exceptions

The ABB SQE determines if elements can be exempt from PPAP.

For low volume production, elements associated with higher volume will be excluded (i.e.: Process Studies (SPC / Cpk), Measurement System Analysis, Production Trial Runs, Run-at-Rate.)

PPAP Element	PPAP Deliverable	High Risk - PPAP Level 3	Medium Risk - PPAP Level 2	Description
1	Design Records	Submit	Submit	ABB Drawing identifying CTQ's / CTP's (Red-Line drawing showing CTQ's is acceptable.) These CTQ's / CTP's define the MSA, Process Study & some Control Plan items. Also loaded here is the supplier drawing.
2	Engineering Change Documents	Submit	Retain	Capture all ECN's during the PPAP process. Highlight those ECN's that are not complete & implemented at the time of PPAP submission.
3	Engineering Trial Approval	-	-	Not Required at this time.
4	DFMEA	-	-	Not Required at this time.
5	Process Flow Diagram	Submit	Retain	Outlines the manufacturing process, including incoming inspection, machining, assembly, final assembly, quality inspection stations, final test, rework, shipping, etc. Also captured here is any outsourced activities.
6	PFMEA	Submit	Retain	Mechanism to assign risk (RPN) for each work station. This is a living document, capturing all new failure modes, risk-reduction progress & lessons learned. High RPN's during PPAP shall be actively worked. Visual check detection shall never be <7 rating. 100% inspection required for RPN's >???.
7	Control Plan	Submit	Submit	Identifies all inspection stations, including incoming inspection, on-line tests, quality inspection & final test. Inspection should be a result of the risk identified in the PFMEA, & should link to the Process Flow Diagram. Control Plan shall have approval & revision. All CTQ's shall be shown on the Control Plan.
8	Measurement System Analysis	Submit	Submit	Documented proof of conducted MSA's. A full MSA is required for each CTQ's / CTP's.
9	Dimensional Results	Submit	Submit	Full GD&T dimensional lay-out of the part. 100% of the of dimensions called out on dwg are measured, recorded, & must be in-spec. And excluded dimension shall be justified & approved by ABB. Any out-of-spec dimensions should have been addressed & resolved prior to PPAP submission (ie: drawings revised.)
10	Mat'l &/or Performance Tests	Submit	Submit	Reports demonstrating that the product meets all tests & specifications outlined by ABB. Defined test location (supplier, 3rd Party, ABB Lab.)
11	Process Studies (SPC / Cpk)	Submit	Submit	Each CTQ / CTP requires a process capability study to determine process capability. Cpk shall be higher than 1.33. When Cpk value is lower, then action is required (ie: increased inspection as defined on the Control Plan. (9AKK106327)
12	Approval of Lab	Submit	Retain	Capture here certifications or proof of capability for any lab (dimensional, test, etc.) involved in PPAP or forthcoming serial production. External labs or test facilities should be ISO/IEC 17025 certified, or equivalent national standard. internal lab should list key testers, & calibration certificate shall be provided.
13	Appearance Approval	Submit	Submit	Verification that ABB has inspected the final product and it meets all the required appearance specifications for the design. The report includes color, textures as well as fit (gaps between parts), etc.
14	Sample Product	optional	optional	Document here if it is desired or required to maintain original parts at either the supplier site or ABB's.
15	Master Sample	optional	optional	A part that has been inspected and signed off by the ABB. This is a 'golden part' or boundary sample, typically used to train operators on appearance, notice, etc.
16	Measurement Tools / Checking Aids	Submit	Retain	A detailed list of all the tools used to inspect, test, or measure parts. Reference the part, describe the tool and document the calibration schedule for the tool.

PPAP Element	PPAP Deliverable	High Risk - PPAP Level 3	Medium Risk - PPAP Level 2	Description
17.1	Reverse Engineering of existing parts	Submit	Submit	<b>NOTE: THIS STEP MUST BE COMPLETE, PRIOR TO PPAP KICK-OFF.</b> REQUIRED if this part is, or has been in production by a different supplier or ABB. This is a part-to-drawing comparison, with the part coming from the prior manufacturer. This is in-place to protect against prior-undocumented design changes, or drift in manufacturing. Revisions to the ABB drawing may result from this comparison.
17.2	Compliance Requirements (RoHS, etc.)	Submit	Submit	All compliance requirements are defined & captured here. Requirements such as REACH, RoHS, as well as Marine, Nuclear, etc.
17.3	Enhanced Control Plan for Launch (GP12)	Submit	Retain	This is in-place for the first 3-months of production. It involves redundant inspection and controls to ensure Zero defects during launch. The Launch Control Plan is more rigorous than the serial production Control Plan.
17.4	Sub-Tier Supplier Oversight	Submit	Retain	Define the oversight with sub-tier suppliers (Approve suppliers, qualify parts, surveillance audits, etc.). Heavy emphasis on Critical Manufacturing Processes like castings, forgings, heat treat, painting, coatings, welding. Load critical sub-tier PSW's when required.
17.5	Production Trial Run (PTR) at ABB Plants	Submit	Submit	Coordinate a low-volume trials with ABB Plant(s.) ABB Plants will likely a.) conduct First Article Inspection (FAI) to compare results to suppliers lab results, and b.) place parts in production to ensure they meet assembly & quality requirements.
17.6	Run-at-Rate (GP9)	Submit	optional	This Shall be conducted when volume is critical to ABB. Run-at-Rate proves the ability to run production and yield the defined volume with the expected quality. The volume produced during Run-at-Rate shall define the maximum that the supplier is contracted to manufacturer.
17.7	Packaging	Submit	Retain	Define adherence to ABB Packaging Standards. Also capture here the type of packing that will be used. Load pictures, drawings, etc.
17.8	ABB owned assets	Submit	Submit	List all ABB owned tooling, equipment, machines, etc. Define how are they tagged or identified. Capture pictures. Define end-of-life for all assets.
17.9	Preventative Maintenance	Submit	Retain	Define the Preventative Maintenance Plan for a.) ABB owned tooling / equipment, and b.) supplier owned tooling / equipment. A predictive maintenance systems like Maximo is preferred. End of life for all tooling / equipment should be defined in the PM system, triggering discussions between supplier & ABB.
17.10	Rework & Repair	Submit	Retain	Define what rework or repair requires ABB involvement or approval / what is allowable without ABB involvement.
17.11	Frozen Process Change Request & Approval Acknowledgement	Submit	Submit	A document signed by supplier leadership, stating they will request and obtain approval from ABB prior to any serial-production process changes.
17.12	Supplier Deviation Request & Approval Acknowledgement	Submit	Submit	A document signed by supplier leadership, stating they will request and obtain approval from ABB prior to shipping non-conforming parts to ABB.
17.13	Other	Submit	Submit	Placeholder for other requirements identified by the qualification team.
18	Part Submission Warrant (PSW)	Submit	Submit	A summary of the entire PPAP submission. This is signed by the supplier & ABB at the time of completion of PPAP.

Customer Specific Requirements

### 3.4 PPAP Packet / Part Submission Warrant

Part Approval (PPAP) / Part Submission Warrant (PSW) will be executed and documented by the supplier in in ABBs PPAP Packet, an .xls file. The supplier will obtain required internal signatures, and send the PPAP packet to the ABB SQE. The ABB SQE will obtain internal-ABB signatures as required.

PPAP Packet. See Forms section. Form #3.

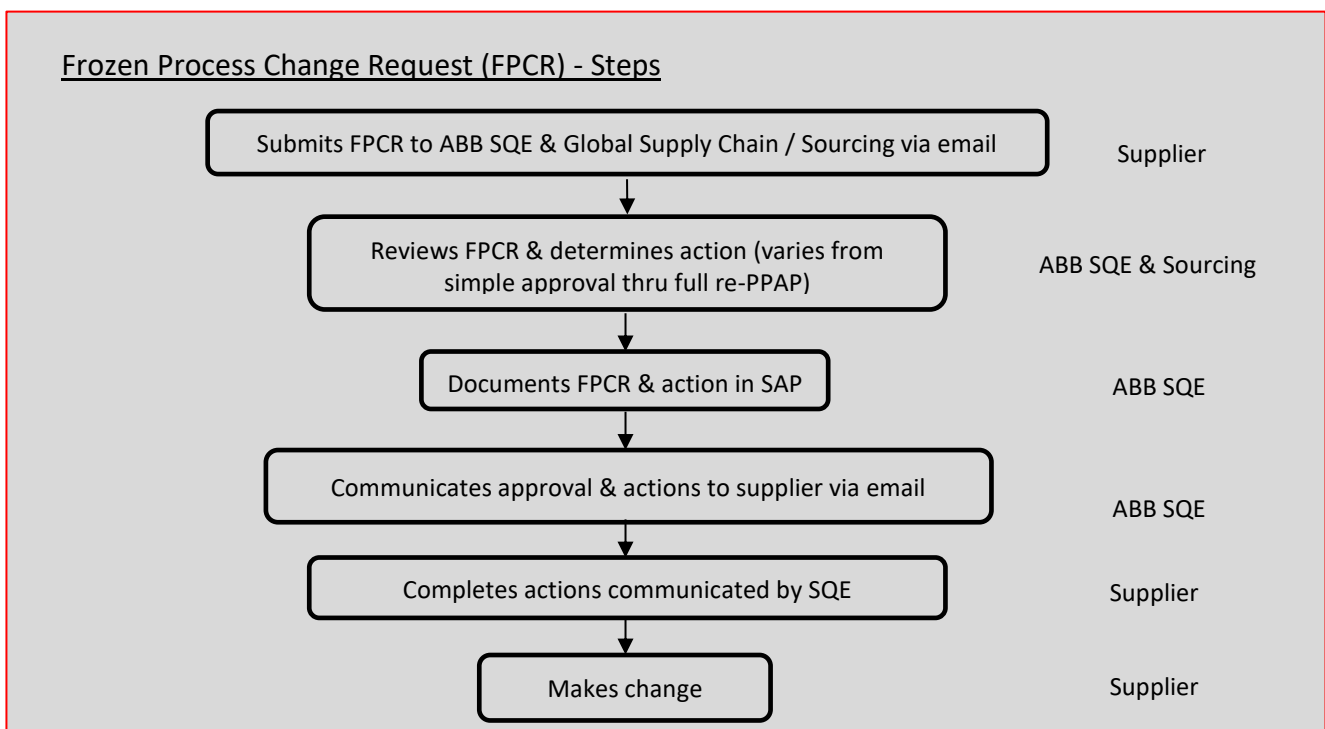
## 4. Current Quality - Serial / Regular Production

### 4.1 Purpose

This section focuses on serial / regular production. Any changes to the supplier’s process must be communicated in advance & approved by ABB. Any out-of-spec parts intended to be shipped to ABB must be communicated in advance & approved by ABB. This sections also covers activities that take place when the supplier sends non-conforming material to ABB.

### 4.2 Frozen Process Change Request (FPCR)

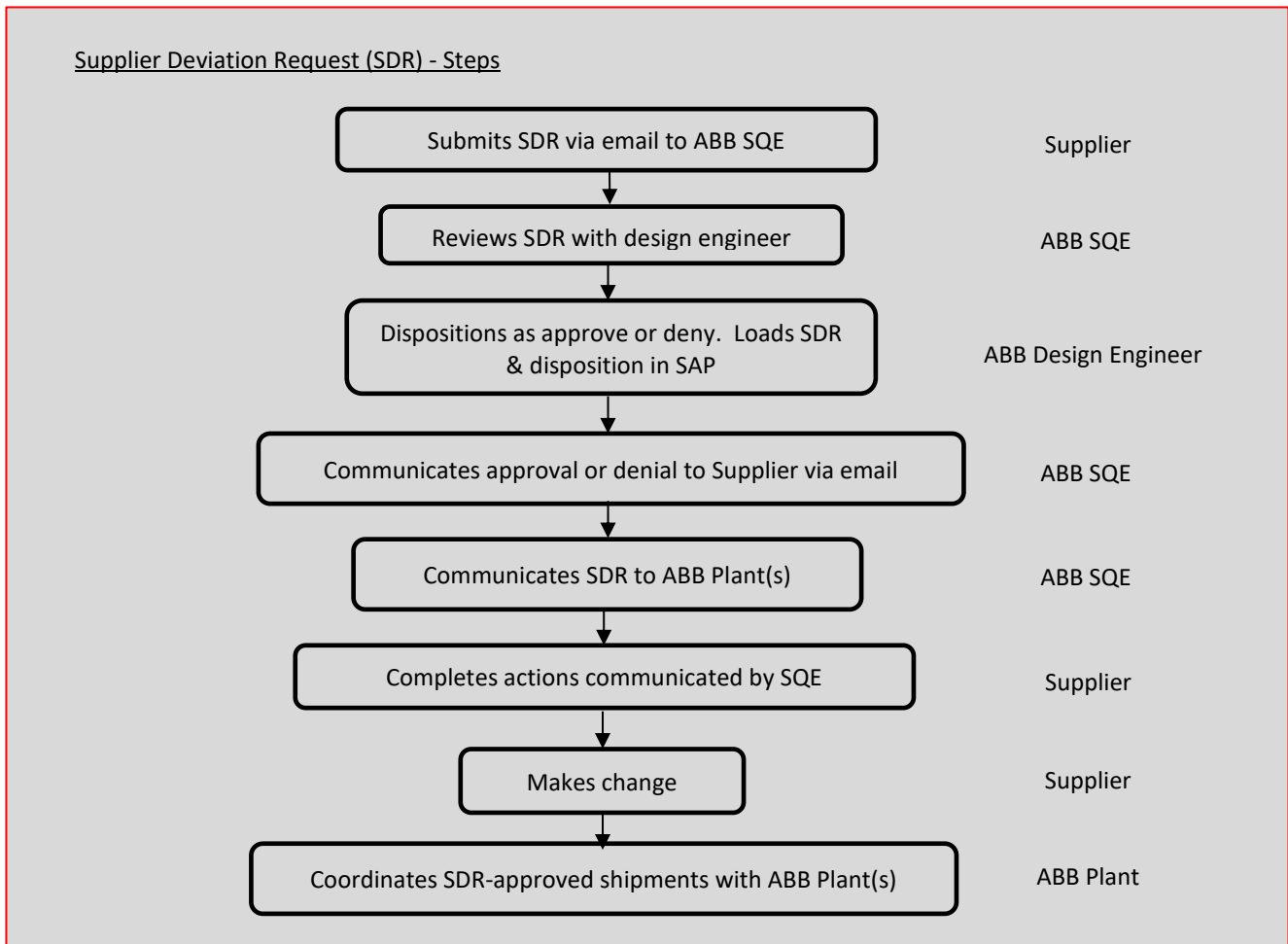
Upon receiving PPAP approval, the supplier’s manufacturing process is frozen. The Process Flow Diagram and Control Plan document the shop floor lay-out, the operation work stations, the equipment, tooling & machinery, the sub-tier suppliers on-contact, and the controls in-place to inspect quality. If the supplier wishes to make a change to their process, they shall submit a Frozen Process Change Request (FPCR) directly to their ABB SQE, and must be granted formal approval, prior to making changes to their manufacturing process.



Frozen Process Change Request (FPCR) template. See Forms section. Form #4.

### 4.3 Supplier Deviation Request (SDR)

It is the supplier’s responsibility to send conforming parts to ABB. If a supplier identifies out-of-spec parts and has a valid desire to ship them to ABB, it is expected the supplier submit a formal Supplier Deviation Request (SDR) to their ABB SQE, and be granted a formal approval prior to shipping non-conforming parts to ABB.



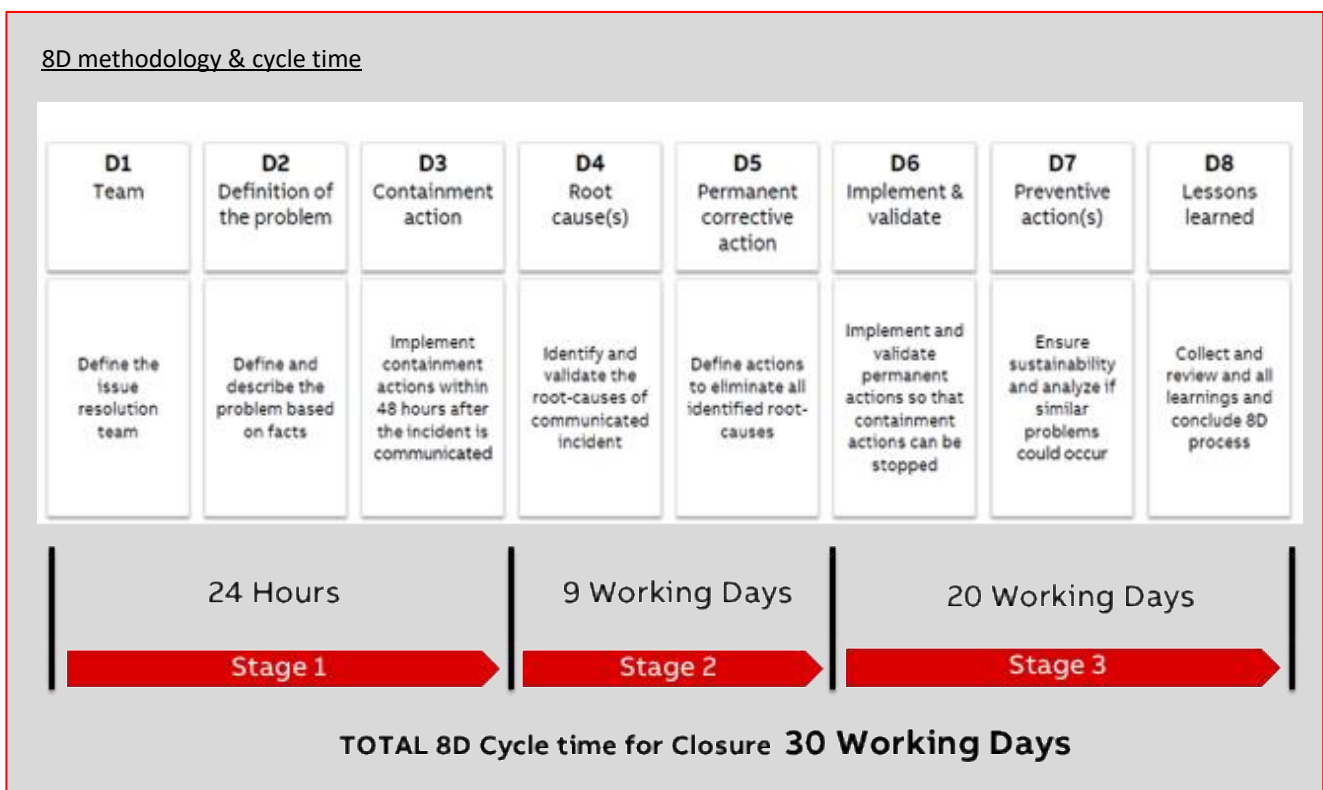
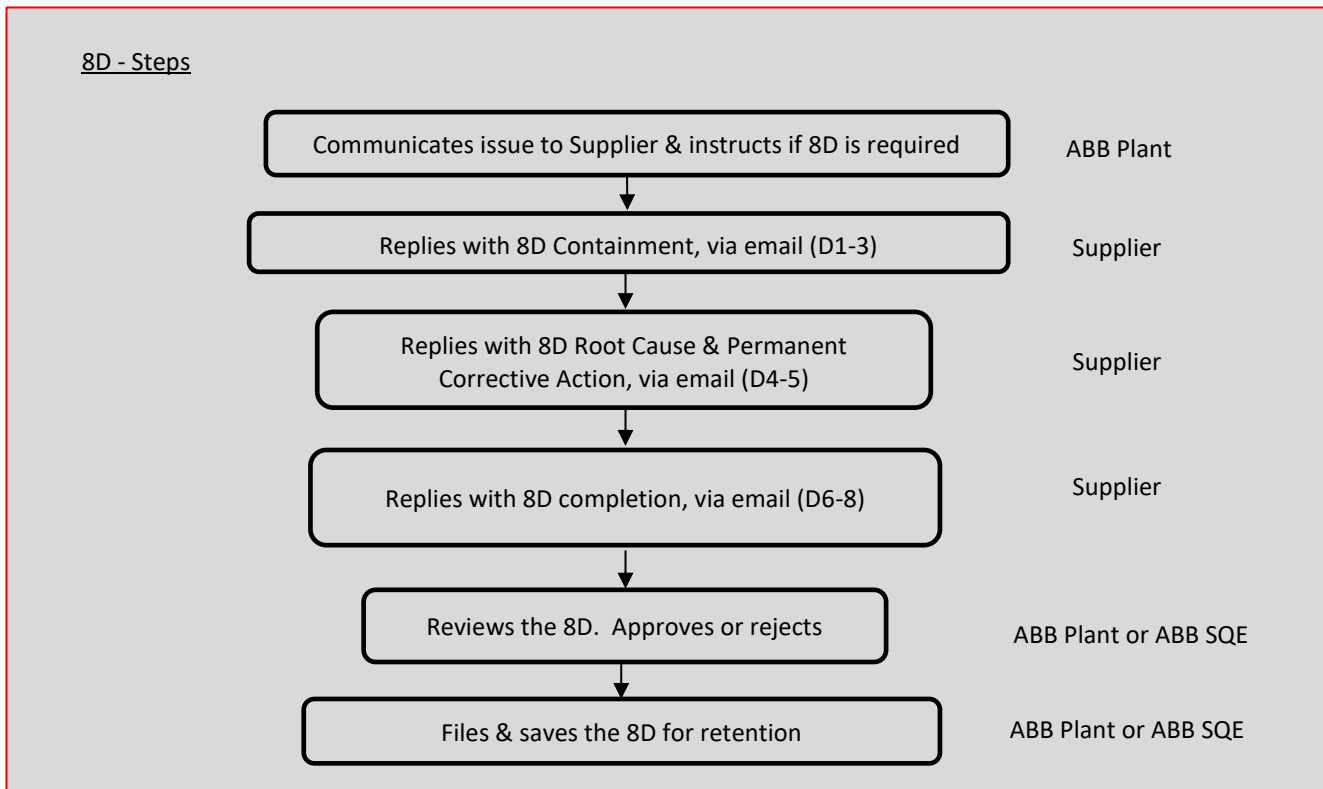
Supplier Deviation Request (SDR) template. See Forms section. Form #5.

**4.4 Non-Conformity Report (NCR) / Quality Notification (QN) / Reclamation Process**

*This section is under construction.*

**4.5 8Ds**

Supplier non-conformances identified by ABB (plants, field, warranty) will require containment, root cause analysis, permanent corrective action and & preventive actions from the supplier. The tool / methodology will be 8D.



8D template. See Forms section. Form #6.

#### 4.6 Feed Forward

It is the supplier’s responsibility to notify all ABB plants when they become knowledgeable of shipping non-conforming material to ABB.

## 4.7 Sorting & Rework

It is the supplier's responsibility to send conforming parts to ABB. When the supplier sends non-conforming parts, ABB will typically reject the suspect batch(es). It is not ABB's obligation to sort, however at times of necessity, ABB will do so, or will demand the supplier to do so on ABB's premises. ABB at times of necessity may also rework the supplier's non-conforming material.

## 4.8 Cost Recovery

Cost recovery will take place for the following:

- Cost of goods for returned or scrapped non-conforming material – cost will either be auto debited in SAP, or invoiced.
- Cost of ABB (or 3<sup>rd</sup> party) labor & materials for sorting &/or rework of suspect material – cost recovery will be either auto debited in SAP, or invoiced. The labor rate will be the impacted ABB plant's standard production labor rate x 1.5, as sorting & rework typically take place on overtime.
- A \$200 administrative fee will be charged for every claimed Non-Conformity Report (NCR) or Quality Notification (QN). In some regions, the amount of this fee may vary.
- Other (Cost of value-add that ABB has put into a purchased component deemed to be supplier fault, Premium Freight incurred charges due to supplier fault issues, Liquidated Damages incurred by ABB due to supplier fault issues) - ABB Global Supply Chain / Sourcing will become engaged with the supplier to determine the mode of cost recovery.

## 4.9 Controlled Shipping (CS1 / CS2)

Controlled shipping is redundant inspection at the supplier's site, typically used when a supplier has repetitive escapes of non-conforming material to ABB. The repetitive nature indicates the supplier's regular manufacturing process & quality system is incapable to identify and contain the defect.

Controlled Shipping Level 1 (CS1) is newly implemented, often redundant, 100% inspection, conducted by supplier personnel, required as the regular manufacturing process & quality system failed to contain defects.

- Supplier self-imposed (CS1): Highly suggested when a supplier becomes knowledgeable that escapes have made it through their regular manufacturing & quality system to ABB.
- ABB-imposed (CS1): This is more formal. The ABB SQE demands the supplier to implement CS1, and the supplier sends daily inspection reports from the CS1 inspection station to the ABB SQE. The ABB SQE determines the exit criteria / duration / end-date of this CS1. The end date is extended every time a non-conforming part makes it into (or beyond) the CS1 station.

Controlled Shipping Level 2 (CS2) is an additional level of redundant inspection, (as CS1 is still in-place), and is used when the CS1 station has failed to contain the non-conforming material. CS2 is conducted by a 3<sup>rd</sup> party, and the supplier is responsible to pay the CS2 provider for their services.

- ABB-Imposed (CS2): Daily reports on inspection results are sent to the supplier & ABB SQE. The ABB SQE determines the exit criteria / duration / end date of CS2.

# 5. Surveillance Audits

## 5.1 Purpose

ABB SQE's & other ABB personnel will audit suppliers to ensure adherence to Quality Control Plans, Process Flow diagrams, and other PPAP documentation. Audits are intended to mitigate risk by confirming no degradation of the manufacturing process, and witnessing continual supplier maturity.

Frequency & depth of surveillance audits is determined by many factors, including heightened risk due to critical manufacturing processes, prior audit performance, and the supplier's quality performance.

ABB will give adequate notice of audit dates, and will communicate in advance the audit content. Of course, advance notice will be forgone when current quality issues exist, or other risk has been identified. Suppliers shall allow full access to their facilities, documents, processes & personnel during the audits. Suppliers shall also allow full access to sub-tier suppliers when necessary.

Corrective actions shall be completed and documented on the audit worksheets.

ABB SQE's will file and save audits in ProSupply+ (and Compliant Pro in NA).

**5.2 Assessments**

Supplier Quality Process (SQP) Assessment (doc 9AKK102952). See Forms section. Form #1.  
Critical Manufacturing Process Assessments. See Forms section. Form #2.

**6. Continuous Improvement**

*This section is under construction (Control Levels / Error Proofing)*

**7. Quality Performance / Quality Scorecard**

**7.1 Purpose**

Supplier PPM and Supplier Confirmed On Time Delivery (C-OTD) are currently being measured and graded.

Suppliers with poor quality performance may be placed on a Performance Improvement Plan (PIP), on New Business Hold, or Disqualified.

**7.2 Supplier PPM (S-PPM)**

Measures the suppliers PPM of components as identified at ABB Motors & Generators facilities, or in the field (in-warranty period).

$$PPM\ Performance = \frac{\sum Parts\ with\ Defects}{\sum Parts\ Delivered} \times 1,000,000$$

At an ABB site, when a batch is rejected, the full batch will negatively impact the supplier's PPM. When sorted or reworked, the known non-conforming parts as received from the supplier will negatively impact the supplier's PPM. ABB shall always make identified non-conforming material available to the supplier, either by parts or pictures or descriptions.

**7.3 Supplier Confirmed On Time Delivery (C-OTD)**

Measures the supplier delivery performance against the confirmed delivery date from the supplier. There is a negative impact on the supplier's performance for early and late deliveries.

$$COTD\ Pass\ \% = \frac{\sum PO\ line\ items\ with\ COTD\ Pass}{\sum PO\ Line\ Items} \times 100$$

**7.4 Future KPIs**

*This section is under construction. Considering:*

- *Non-Conformity Reports or Quality Notifications (QNs): Quantity of quality cases opened by ABB.*



- 8D / CAPA Timeliness
- On-Time PPAP
- Major Disruptions (ABB plant shut-down / stock-out) due to supplier fault
- Violation of Trust (Frozen Process Change Request violation, knowingly shipping non-conforming product, unresponsiveness, unwillingness to adequately react, violation of a clean breakpoint of conforming material, etc.)
- Audit performance / timeliness of closure of findings
- Cost of Quality (CoQ) / Cost of Non-Conformance (CoNC)

### 7.5 Supplier Scorecard for Quality

*This section is under construction for a KPI-based Quality-specific scorecard for suppliers.*

ABB's Supplier Performance Evaluation (SPE) process is in-place. It is a fully integrated part of ABB's global Supply Base Management System and covers: Quality, Delivery, Commercial, Technology, Sustainability and Risk Management.

### 7.6 PIP / New Business Hold / De-Source

*This section is under construction*

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