SUPPLIER QUALITY PROCESS AUDIT

Start Date: _____
End Date: _____

Supplier Information:

Supplier Name:		Phone Number:		Fax Number:	
Supplier Code:		Plant Location & Country:			

GENERAL AUDIT INFORMATION

Supplier Representatives:

Name:		Title:		Phone:	
Name:		Title:		Phone:	
Name:		Title:		Phone:	

FRAM Filtration Representative Information:

Auditor:		Phone Number:		Fax Number:	
Auditor e-mail:		Title:			

other FRAM Filtration Representatives (If applicable):

Name:		Title:		Phone:	
Name:		Title:		Phone:	

Audit Information:

Type of Audit:	
Driver of Audit:	

SUPPLIER BACKGROUND INFORMATION

List the current or potential processes that your facility is capable:

Current and potential products, operations and processes sub-contracted by your company:

This location's plant size (square feet), number of shifts/day, number of days/week and number of employees:

Equipment/machines required to manufacture FRAM Filtration products (number & description):

Number of employees in quality department per shift (represented and non-represented):

ISO/TS 16949, QS 9000, ISO 9000 or other registrations (provide certificate), plans for registration, etc.:

Company yearly sales and percentage with FRAM Filtration

_____ _____

Supplier Representative Signature FRAM Filtration Representative Signature

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

Supplier Name: 0 Start Date: 1/0/1900

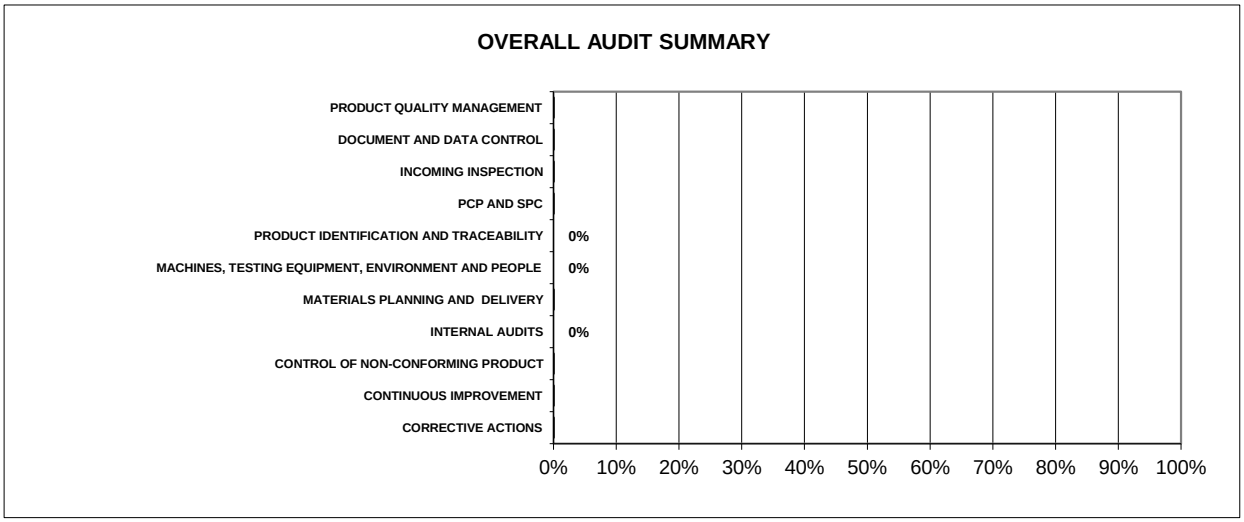
Supplier Code: 0 End Date: 1/0/1900

Scorecard Category	No.	Area	Weight	Total	Potential	%	Status
	1	PRODUCT QUALITY MANAGEMENT	7%		24		RED
	2	DOCUMENT AND DATA CONTROL	8%		28		RED
	3	INCOMING INSPECTION	11%		40		RED
	4	PCP AND SPC	11%		40		RED
	5	PRODUCT IDENTIFICATION AND TRACEABILITY	5%		16		RED
	6	MACHINES, TESTING EQUIPMENT, ENVIRONMENT AND PEOPLE	23%		80		RED
	7	MATERIALS PLANNING AND DELIVERY	11%		40		RED
	8	INTERNAL AUDITS	7%		24		RED
	9	CONTROL OF NON-CONFORMING PRODUCT	6%		20		RED
	10	CONTINUOUS IMPROVEMENT	5%		16		RED
	11	CORRECTIVE ACTIONS	6%		20		RED
OVERALL			100%		348		RED

ELEMENT SCORING	
0	Element is not in place and no evidence of plans to implement
1	Element is not in place but a plan to implement is documented
2	Element is in place but it is not being followed
3	Default - Element in place, but small improvement required
4	Element is in place and it is being followed at FRAMGroup expectation

IF ELEMENT DOES NOT APPLY or NOT AUDITED (QUALIFY - N/A DIRECTLY IN SCORE)

SUMMARY SCORING:		
GREEN	> 90 %	
YELLOW	80 - 89 %	
RED	< 79 %	



AUDIT RESULTS:

0%

Follow Up Date:

(IF APPLICABLE)

AUDITOR SUMMARY:

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

No.	QUESTION	Critical	EVIDENCE REQUIRED	LOOK FOR…	COMMENTS (need to be complete for each row)	SCORE	R/Y/G
1. PRODUCT QUALITY MANAGEMENT				**(supplier representative office)**			
1	Has the supplier established performance goals for customers?		Evidence of defined customer goals	Performance metrics on Quality (PPM, CIV), Delivery, (OTTR), Cost, Flexibility, capacity			R
2	Does the supplier track Customer Quality requirements? When improvement actions are needed, are they implemented?		Performance metrics against a customer requirement expressed in CIV, PPM, CAR, and COPQ . When a target is not achieved improvement actions are revised and agreed upon by the FRAMGroup SQE.	PPM Performance, CIV Chart, Run charts for defects, COPQ chart and CAR performance, Aging and closing charts, painter charts			R
3	Does the supplier track internal quality? Has the supplier established a goal for internal performance?		Performance Metrics for internal quality must be tracked and analyzed as a means to achieve Customer Quality Targets	Supplier Metrics of tracking internal ppm. Pareto Analysis and Improvement or Action Plans.			R
4	Is customer service guaranteed, and are complaints recorded and evaluated?		The supplier must have adequate resources available in all organizational areas to support customer needs. The supplier must have a procedure for handling customer complaints, action plans and fast response communication.	Records of FRAMGroup visits/audits and derived actions, Customer incident follow up, Communication of improvement actions, CAR follow up			R
5	How does the supplier validate effectiveness of improvement actions? Is there a tool to track re-occurrence?		Performance metrics defined by the supplier.	No reoccurrences in the last 12 months in performance metrics (PPM, CIV, CAR, COPQ)			R
6	Is the supplier aware of all products manufactured under a deviation?		Use of SCC / Signed off Deviation form	Deviation list			R
					SCORE / POTENTIAL		24
2. DOCUMENT AND DATA CONTROL							
2.1 Technical Information Availability				**(supplier representative office)**			
7	Does the supplier have capability to use SCC? What is their proficiency level?		SCC usage is referenced in the Supplier Quality Manual therefore is a FRAMGroup requirement (unless otherwise directed)	Demonstrate process for drawing and specification search. Explain process for entering PPAPs and COPQs			R
8	Does the supplier have the most current customer approved drawing?		Supplier must have a process in place to ensure they have the most recent revision levels.	Check for Procedure for verifying revision levels of drawings and specifications.			R
9	Are all technical specifications available?		Part Drawing Notes & Specification Packages	Verify Component Technical Specifications and Sub-System Technical Specification are available for review.			R
2.2 Quality System Documentation				**(supplier representative office)**			
10	Is there a Process Flow Diagram, and does it include receiving inspection, rework, scrap, gauging / inspection and shipping?		Process Flow Diagram	Assure receiving inspection, rework, scrap, gauging/inspection and shipping matches the Process Flow Diagram and what is observed on the shop floor.			R
11	Is there a PFMEA, and does it call out all of the KCCs and CICs on the print?		PFMEA Documents	> Do RPN numbers reflect AIAG style > Verify that ALL high RPN or Critical line items have action plans which include Error Proofing. > Verify that PFMEA is updated as required & matches Control Plan (Review CAR's). > Verify any current failure mode is present on the PFMEA.			R
12	Is there a Process Control Plan (PCP) available?		Process Control Plan Document	Verify current dates, etc. of PCP document.			R
13	Is the Process Control Plan (PCP) acceptable, and does it conform with the PFMEA, Process Flow? Does it identify all KCCs and CICs?		PCP, Changed Log, Meeting Minutes or Similar History (Linking all Documents)	Verify that PFMEA is updated as required and matches Process Control Plan.			R
					SCORE / POTENTIAL		28

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

No.	QUESTION	Critical	EVIDENCE REQUIRED	LOOK FOR…	COMMENTS (need to be complete for each row)	SCORE	R/Y/G
3. Sub-contractors / Purchased Material / Incoming Inspection (incoming area)							
14	Are only approved and qualified subcontractors used?		Prior to the acceptance of subcontractors, an assessment of their quality management system must be available. Before the start of series production, it must be ensured that only qualified subcontractors are used	List of current sub-suppliers or sub-contractors, with: 1.- Assessment of the quality capability (audits and certificates) 2.- Assessment of their quality performance (Quality delivery, cost, service) 3.- Ranking according to their performance			R
15	Can you verify the existence of an Incoming Inspection Documentation and the existence of an initial sample acceptance (ISIR, PPAP)		Procedures and control instructions guaranteeing the correct operation of incoming inspection shall be available, they shall also guarantee that the logistic flows comply with updated designs and typical classifications	Specifications, instructions, measurement results..			R
16	Does the supplier ensure no product is used prior to inspection?		Procedure or work instruction defining the controls and inspection requirements for incoming materials.	During the audit the auditor must carry out the controls on one or more significant product and follow the flow in his presence			R
17	How are Non Conforming parts being dispositioned?		Procedure or Work Instruction for Handling and Disposition of Non-Conforming Material.	Pick the last 3 rejects from Incoming inspection and follow until final disposition			R
18	Are materials and/or parts properly identified?		A defined step in Process Control Plan which complies with FRAMGroup Specifications.	Pick the last 3 rejects from Incoming inspection and follow until final disposition			R
19	Are Gages and fixtures functionally adequate, calibrated and well maintained?		There should be sufficient quantity of inspection and test equipment to carry out the necessary controls. Procedures for gauge calibration, inspection and test equipment shall be defined.	Check for the adequate procedures and control's at receiving inspection and test equipment			R
20	Are all quality records well kept and available for review?		Procedure must include data retention and disposition.	Check for records last 3 months			R
21	Is the quality performance evaluated, and are improvement actions initiated in cases of non conformities to customer specification?		The capability and performance of subcontractors should be checked at defined time intervals. The results must be analyzed and recorded. In the case of negative results, qualification programs must be defined and their implementation plan must be verified.	1.- Minutes of quality meetings, 2.- Agreement and follow up of improvements programs, 3.- inspection, test and measurement records of improved parts, 4.- Analysis of key nonconformities and problem subcontractors 5.-Evaluation of the quality performance			R
22	How are continuous improvements activities for products and processes managed with subcontracted suppliers?		The supplier is fully responsible for a continuous improvement at the subcontractor, therefore activity on this end must be presented to the customer (FRAMGroup SQE)	1.-Subcontractor workshops 2.- Definition of measurable indicators for quality, cost optimization and service for example, Reduction of inspection time, reduction of rejects, reduction in WIP or stock, increase in customer satisfaction			R
23	Does the packaging, identification of the containers and data exchange comply with FRAMGroup requirements		FRAMGroup requirement are the component packaging specifications	Suitability of the packaging, protection Technical condition, Identification marks and readability of the information and it should be visible at all times. All items must meet Packaging requirements			R
					SCORE / POTENTIAL		40
4. CONTROL PLAN AND STATISTICAL PROCESS CONTROL							
4.1 Control Plan (control plan vs. shop floor)							
24	Is Process Control Plan being followed?		Floor vs. Plan	PCP requirements in Operator Instructions, Gage Control, Maintenance, etc.			R
25	Have all known customer concerns been identified to facilitate special in process KCCs at the supplier?		CAR'S, PFMEA, 1st Time Quality, Lessons Learned	New items in the PFMEA based on customer concerns			R
26	Are KPCs, KCCs and CIC called out on the PCP?		Control Plan vs Drawings	Verify KPCs, KCCs and CICs are addressed on PCP.			R
27	Are sample sizes and check frequency for each operation reasonable?		Control Plan, Initial process studies	Is there a history of failures in spite of existing controls? Does internal data (scrap, rework, FTY, etc) suggest sample sizes and frequency are adequate?			R

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

No.	QUESTION	Critical	EVIDENCE REQUIRED	LOOK FOR…	COMMENTS (need to be complete for each row)	SCORE	R/Y/G
28	How is data recorded?		Quality and process data must be completely available for verification of adherence to requirements. Their potential for analysis must be ensured. Special events must be documented	Complete documents as required in PCP on shop floor Control Charts, Check sheets, Production Control Boards, raw data, log books.			R
29	Are Gages and fixtures adequate, calibrated and well maintained?		There shall exist and shall be applied adequate procedures to audit and record the capability of all measuring instruments.	Procedure and auditing records			R
30	If a corrective action is implemented, is the control plan updated?		Findings and problems must be allocated to the process owner, it is the responsibility of the process owner to define the improvement program and to implement the action, all of this must be reflected on the PCP	Updated PCP with last year problems reflected on them and action plans defined and implemented			R
31	Is the operator informed and does he/she know the process parameters and product characteristics relevant to his/hers operation?		Process parameters and inspection, test and measuring characteristics must always be specified with tolerances. The production and inspection documents must always be available at the work place and inspection station respectively	Work instructions, Process parameters, Inspection and test parameters, Control limit on control charts, operating instructions			R
4.2 Statistical Process Control				**(shop floor)**			
32	Are SPC guidelines and/or practices in place?		Specific type of charts used correctly (Analysis, XR, XS, attributes…)	Charts updated/completed on time.			R
33	Does the available production equipment and tooling ensures that the quality requirements for the product are met? Is it evaluated?		The process capability of selected important product/process characteristics must be determined and continuously be improved, CPK, PPK greater than 1.67 must be reached for the short term capability studies	Machine and process capability verification for KCC and CIC characteristics and process parameters. Control method for identified KCC and CIC, warning mechanism to detect deviations, mistake proof verification.			R
					SCORE / POTENTIAL		40
5. PRODUCT IDENTIFICATION AND TRACEABILITY				**(shop floor)**			
34	Is there any identification or traceability system that can identify components shipped to FRAMGroup by their manufacturing date.		All product shall show the identification code, inspection status, etc. Traceability for safety products and /or for products subject for regulations shall be guaranteed	Identification and Traceability Procedure Documentation vs. Floor			R
35	Is there traceability back to raw material or sub-suppliers.		Procedure must clearly define traceability back to raw material and the efficiency of the traceability system shall be checked regularly	Records of traceability for the last 3 months of product shall be reviewed			R
36	Does the Traceability Plan include lot control, Production line, date/ night shift codes?		Procedure	Records			R
37	Is material identification, traceability and test status maintained and recorded at all production stages for this part?		Procedure	Documentation vs. Floor			R
							16
6. PRODUCTION MACHINES, TESTING EQUIPMENT, ENVIRONMENT AND PEOPLE.							
6.1 Machinery / Equipment.				**(shop floor)**			
38	Can you verify that a formal maintenance program exist with written instructions?		There shall be a programmed , preventive or predictive maintenance plan for all important production equipment	Maintenance program and plan and % compliance, downtime and uptime.			R
39	Can you verify that all tooling (DIES or MOLDS, etc.) are serialized and usage history tracked?		Procedure must be in place for FRAMGroup property, to guarantee traceability and expected life	Records of shots and or maintaence records of tooling.			R
40	Can you verify that tooling is stored in an organized manner in an appropriate environment		In accordance to 5S program or similar	Evaluate shop floor practices and housekeeping.			R
41	Can you verify that a formal work order system is in place that requires sign off after completion?		Procedure must define internal customer sign up for a completed work order	Last 3 months of work orders must be reviewed			R
42	Can you verify that utilized spare parts inventory is complete?		Often used spare parts list be available at all times and most include long lead time items	Review spare part list for 4 critical equipment			R

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

No.	QUESTION	Critical	EVIDENCE REQUIRED	LOOK FOR…	COMMENTS (need to be complete for each row)	SCORE	R/Y/G
43	Are the work and test stations laid out according to the process requirements		The working environment (also for rework) must be coordinated with the work content and the products in order to prevent soiling, damages mix-up and misinterpretation	Ergonomic considerations in WSI, and rework test/ stations laid out in flow diagram, PCP and PFMEA			R
44	Is the appropriate equipment and tooling available to support product changeover		Supplier must include change over time as part of their capacity planning and must be able to measure its performance at the Run at Rate	Set up plans, Set up aids or instructions, flexible tool change equipment			R
6.2 Testing Equipment.			**(quality check shop floor/lab + Quality representative office)**				
45	Are methods of measurement and checking verified and calibrated periodically?		The supplier must be able to effectively monitor the measurement and inspection equipment used to verify quality In accordance to ISO LEC Guide 25 and MSA AIAG manual	Measuring accuracy, measurement system capability, Calibration records, 3rd party calibration records.			R
46	Can you verify that records exist which indicate that gauges or test equipment are numbered and are to be periodically checked at specific intervals?		Supplier must have a written procedure to systematically release and check all gages and test equipment	List of gages due for revision on the last three months and verify compliance to the plan			R
47	Does the supplier have certified master gages and are the certifications up to date?		Certification Procedure and Certification Records	Calibrations records			R
48	Can you verify that gage R&R studies are utilized?		Gages utilized are to be the same as the referenced in early stages of the development of the product and are to be referenced in PCP and PFMEA in accordance to MSA manual	Gage R&R referenced in control methods in PCP against shop floor			R
49	Are all masters checked against NIST / Equivalent?		Compliance to NIST or equivalent.	Calibrations records to a national standard			R
6.3 Environment.				**(shop floor)**			
50	Is there evidence of a 5S program or equivalent on the shop floor.		Procedure or policy defining 5S or similar program as shop floor management	Performance reviews for 5 S program			R
51	Are the ergonomic conditions acceptable for the workers?		The manufacturing premises shall be adequate to the type of activity carried out and shall not expose the individuals to safety or occupational hazards	Shop floor review			R
52	Are the lighting and work conditions acceptable?		workstations shall be adequate, sufficiently lit, clean, tidy and arranged according to the logical layout	Shop floor review			R
53	Are safety instructions available?		In Accordance to HSE procedures and regulations	Review HSE records and performance			R
54	Verify the process and inspection plans are available to the operator and are integrated in the instruction process? (Control charts, etc)		Procedure	Shop floor review			R
6.4 Personnel. Qualification				**(shop floor+ HR office)**			
55	What are the roles and responsibilities of quality personal?		The employees must know the customer requirements and quality objectives, The task assigned to them must visibly demonstrate individual responsibility for quality, Specific management procedures and work instructions shall be known and applied by all employees	Documents defining Roles and Responsibilities. Visual evidence of training and work instructions.			R
56	Does a training program for all employees exist?		Sufficiently qualified personnel must be selected and used for all processes. Training Program and records shall be available.	Records of induction training, training and qualification records, Instruction on occupational health and safety regulations,, Qualification records e.g. (welding certificates, eye test, inspection)			R
57	Are your employees cross-functionally trained? What is your contingency plan for sick or absent employees?		Training and Qualification Programs. Employee rotation programs.	OJT, Formal Training Programs, sign up sheets and completion certifications.			R
					SCORE / POTENTIAL		80

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

No.	QUESTION	Critical	EVIDENCE REQUIRED	LOOK FOR…	COMMENTS (need to be complete for each row)	SCORE	R/Y/G
7. MATERIALS PLANNING AND DELIVERY.							
7.1 Inventory Management				**(incoming/dispatch area and delivery office)**			
58	Is the inventory material (Raw material / Finish goods) stored in specified locations and is appropriately handled? It is a procedure to prevent mixing non-conform parts?		A written procedure must define the proper handling, storaging and stockpiling. Procedure must include, packaging of stored material, operating conditions for damaged material, handling equipment as well as storage methods	Procedure vs real operation last week production review. Evidence of clear marking, closed identified quarantine area			R
59	Are you participating in the consignment program with FRAM Group?		Consignment program and schedules	OTTR performance with consignment			R
60	Are cycle count exercises performed?		Is / Is not	Reports, Meetings, Charts.			R
61	What is the inventory accuracy of the facility		Procedure for inventory controls	Charts, and Metrics at least 90% or better			R
62	Does the inventory maintain FIFO?		Goods must be picked from the stock in compliance with FIFO.	Material receipts, system to guarantee FIFO, (review last week receipts against stock depleted)			R
7.2 Delivery				**(delivery office)**			
63	Are systems and procedures in place to ensure effective delivery performance?		Production volumes must be planned in accordance with customer demand and conveyed as a plan to the next production step.	OTTR performance goals and Past Due performance identified. Charts, schedules production plans, etc.			R
64	Are actual delivery performance tracked? Is a goal of 100% delivery performance specified?		Procedure, metrics defined	Chart or Graph			R
65	If deliveries are missed, are corrective actions taken and documented?		Action item list	Pareto charts , reasons for missing dates, action plans.			R
66	Is the FRAM Group shipping Schedule used for production forecast?		Shipping Schedules	Production Records			R
67	If shipments to the customers are required outside the normal process, is the packaging capable of maintaining product quality?		Procedure for packaging of goods. (Special Deliveries)	PRR's or rejection notification on expedited shipments			R
					SCORE / POTENTIAL		40
8. INTERNAL AUDITS.				**(quality office)**			
68	Does supplier carry out internal quality system audits at specified frequencies?		Audit plans must be available for the product and its manufacturing process	Audit plan and follow up			R
69	Are audits scheduled on the basis of the status and importance of the activity?		Supplier must have a schedule based on a prioritization list based on customer satisfaction	Audit priority list and schedule			R
70	Are personnel conducting the audit independent of the function being audited?		Process for selecting Internal Auditors	Internal auditor list and certifications from them, it must include name, job title and area audited			R
71	Are the audit results documented and reviewed with the responsible personnel?		Closing meetings for each audit or tracking system	Corrective action resulted from Internal audits			R
72	Are there follow up audit activities for recording and verifying the effectiveness of implemented corrective actions?		Closing meetings for each audit or tracking system	Project opened, log books, minutes from improvement teams, Correctives actions, audit results			R
73	Is the internal audit schedule updated periodically (annually at a minimum)?		Audit schedule	Last 2 schedules and compliance to them expressed in a %			R
					SCORE / POTENTIAL		24
9. CONTROL OF NON-CONFORMING PRODUCT.				**(shop floor)**			
74	Is non conformance material properly identified?		Visual management tools and devices are used throughout the floor, red indicates scrap or rejected material and yellow indicates suspect material.	Color coding of scrap containers, hold tags, scrap labels, in-process tags, travelers, routers, etc…			R
75	Are operators trained on how to separate defective product?		Procedure for disposition non-conforming material and a program for training personnel.	Identify who is qualified and the procedure for disposition non-conforming material.			R
76	How does the organization assures that all material removed from normal production lines, complies with customer specifications before re-entering the process or being shipped?		The operators, inspectors and other employees understand how to inspect part before release them back into the system.	Evidence of part identification to the status of the parts. Parts being removed from production cells for quality reviews must be return to the appropriate step in the process.			R

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

No.	QUESTION	Critical	EVIDENCE REQUIRED	LOOK FOR…	COMMENTS (need to be complete for each row)	SCORE	R/Y/G
77	Does the Supplier understand and follow the Quality Control instructions for cleanliness?		Does Supplier have a clear procdure for cleanliness prevention (special work in area, stop production for long periode of time,cleanliness control from incoming/supplier to dispatch area,operators training/info/planning about cleanliness criticity,packaging/storage area	procedure to cover all the evidences. Control charts.Vizual management. Training made.			R
78	Does product shipped to FRAM Group have some form of traceability so that in case of a quality issue, the product can be identified and segregated.		Shipping Documents, Inspection Sign Offs, Lot Numbers, etc.	Serial numbers, tool or mold identifications, Julian date codes, stamps, labels etc.			R
					SCORE / POTENTIAL		20
10. CONTINUOUS IMPROVEMENT.				**(quality office vs shop floor)**			
79	Does supplier use and maintain PFMEA's? Is there a system in place for reducing the risk of all production processes by reducing the highest RPN values?		PFMEAs are present for all manufacturing processes. Severity, Occurrence, Detection charts are used to assign appropriate RPN values.	Valid RPN numbers with some correlation to known problems . PFMEA available for all part numbers and all operations, especially high risk such as labeling and rework.			R
80	Is Mistake proofing / Poka yoke the primary approach to control CIC's. Are all CIC's identified on PFMEA?		CIC's are identified on FMEA's with black square and severity is 7 or higher.	Updated PFMEAs and severity numbers to match FRAM Group criteria's.			R
81	Is there a system in place were employees participate in continuous improvement ideas? (Kaisen events, etc.) Are employees rewarded for their ideas?		Policy& Procedure, Communication boards , 6 sigma programs , continuous improvement teams, etc.	Shop floor documentation, talk to some operators for how their ideas and suggestions are reviewed for implementation when applicable.			R
82	Is a team approach used to identify root cause and add process controls to resolve these issues?		Root Cause tools used by corrective action Teams and implemented into the process.	Use of corrective action tools by the corrective action team			R
					SCORE / POTENTIAL		16
11. CORRECTIVE ACTIONS.				**(quality office)**			
83	Is there a system in place to immediately respond to internal and external quality failures?		Daily leadership meeting addresses significant internal & external quality concerns, designates owners and assigns report out dates. Attendees should be cross- functional and multi-level.	> Living document with issue, owner & report date > Internal & External Open Corrective Actions, status, again, fast response, quality of response…			R
84	After customer rejects have been reported, are Containment Actions in place within 24 hours or less?		Quality Alerts related with customer complaints.	Corrective Action Creation Date vs. Quality Alert Creation Date			R
85	Is the effectiveness of Permanent Corrective Action Verified before closure?		A formal review of qty of parts without defect or time since last defect is done to validate CAR is closed.	Repeat problems or CAR's closed where permanent actions is not robust enough.			R
86	Are PFMEA and Control Plans revised prior to closing CAR.		Updated controls plans and PFMEA	Correlation and alignment between CAR's and PFMEA/ PCP			R
87	Does the Supplier have a system to determine the severity of the problem in terms of cost or penalties both internally and from the customer? Are these cost penalties tracked as part of the facility's monthly operating plan?		COPQ report or similar process	Trends in cost, pareto analysis and projects associated to eliminate the problems associated with cost.			R
					SCORE / POTENTIAL		20

SUPPLIER QUALITY PROCESS AUDIT SUMMARY

Date :

CORRECTIVE ACTION PLAN

Date of action plan validation:

No	Issue Description and/or Sketch	Responsible	Action plan / Comments	Forecast Completion Date	Closure date	Progress	SQE COMMENTS date;
1	0						
2	0						
3	0						
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11	0						
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SUPPLIER QUALITY PROCESS AUDIT SUMMARY

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SUPPLIER QUALITY PROCESS AUDIT SUMMARY

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SUPPLIER QUALITY PROCESS AUDIT SUMMARY

Acronym Listing

AP	Accounts Payable
A Part	High cost, custom parts that represent 80% 0f the spend
ABC	Activity Based Costing
AOP	Annual Operating Plan
ASN	Advanced Shipping Notice
B Part	Less complex parts than A Parts, 15% of spend
BOM	Bill of Material
C Part	Commercial, off-the-shelf parts, 5% of spend
CAR	Corrective Action Request
CEI	Critical Element Indicator
CIC	Critical Interaction Characteristic
CIV	Customer Incidents due to Vendor
COPQ	Cost Of Poor Quality
CPK	Controlled process Capability Study (Long Term data)- Statistical analysis
CRP	Capacity Requirements Planning
DOS	Days of Supply
EDI	Electronic Data Interchange
FIFO	First In First Out
HSE	Health, Safety and Environment
HOS	Honeywell Operating System
ICH	Integrated Collaborative Hub
ISC	Integrated Supply Chain
ISIR	Initial Sample Inspection Report
KCC	Key Component Characteristic
KPC	Key Process Characteristic
LTA	Long Term Agreement
LTC	Long Term Contract
MFG	Manufacturing (Production)
MOS	Management Operating System
MPS	Master Production Schedule
MRP	Materials Requirements Planning
MSA	Measurement Systems Analysis
MTO	Make to Order
MTS	Make to Stock
NPI	New Product introduction
OH	On Hand (quantity)
OJT	On the Job Training
OPS	Operations (Manufacturing)
OTD	On Time Delivery
OTTR	On Time To Request
PFEP	Plan For Every Part
PFMEA	Process Failure Mode and Effectiveness Analysis
PO	Purchase Order
PCO	Purchase Change Order
PCP	Process Control Plan
POU	Point Of Use
PRR	Product Return or Rejection
PN	Part Number
PPAP	Production Part Approval Process
PPK	Initial Capability Study (Short Term data)- Statistical analysis
PPM	Parts Per Million
RCCA	Root Cause Corrective Action
RCCP	Rough Cut Capacity Planning
RFQ	Request for Quote
RM	Raw Material
ROP	ReOrder Point
RPN	Risk Prediction Number (part of FMEA planning)
SIOP	Sales, Inventory & Operations Planning
SCC	Supply Chain Collaboration (FRAMGroup website)
SLT	Short Lead Time
SOP	Sales and Operation Planning
SPC	Statistical Process Controls
SRS	Supplier Replenishment Solutions
STRAP	Strategic Planning Process
TAKT time	Part Cycle time comparison to Customer Demand
VMI	Vendor Managed Inventory
WI	Work Instruction
WSI	Workplace Safety Instructions

REVISION History Log

Rev	Description	Author
-	Initial Release	JP

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