FeedSafe Supply Chain QA

2024.Feb





Background

Supply Chain QA explained

Types of Certifications

Supplier Approval Process

FAQs



Background

- SFMCA is the owner, manager and certifying body of FeedSafe.
- FeedSafe™ was developed over 20 years ago as the premier quality and feed safety management system for the Australian stock feed manufacturing industries.
- Code of Good Manufacturing Practice for Feed Milling.
- Hazard Analysis Critical Control Point.
- Incremental changes over the years to ensure alignment with global standards and expectations.
- Scope: Manufacturing only (no trading scope)

What is Supply Chain QA?

- Confidence that material movement through the full supply chain will result in products that meet quality and feed safety requirements.
- Feed manufacturers need to consider not only their grain inputs, but also other ingredients including premixes and supplements, rendered products, and oils.
- FeedSafe providing guidance on requirements for these inputs.



FeedSafe Supplier Requirements

- Supplier approval process
- Grains must meet GTA standards
- RAM regulations and labelling requirements
- Transporting requirements
- Now there will be minimum expectations on suppliers of premixes and supplements, as well as rendered products and oils.

Upcoming Changes

Supply Chain QA – effective 1 Jan 2026

FeedSafe Certified mills only utilise additives from businesses certified with the following QA programs:

- FeedSafe
- FAMI-QS
- APVMA GMP
- Or Equivalent (Equivalence = a program with HACCP and GMP)

FeedSafe Certified mills only utilise rendered products or oils from businesses certified with the following standards:

- AS5008:2007 Hygienic rendering of animal products
- National Standard for Recycling of Used Cooking Fats and Oils Intended for Animal Feeds

Types of Certifications

- 1. Management System Certification
- 2. GMP Certification
- 3. Feed Safety Certification
- 4. Equivalent (= a program with HACCP + GMP)
- 5. Standards Certification



Types of Certifications

1. Management System Certification ISO9001 FAMI-QS

2. GMP Certification APVMA GMP FAMI-QS

3. Feed Safety Certification HACCP FAMI-QS

4. Equivalent (= a program with HACCP + GMP) ISO22000, GMP+

5. Standards Certification

AS5008:2007, Australian Standards



Management Systems Certification

- Example: ISO9001
- Do <u>NOT</u> have any element of HACCP or GMP
- Certify business management and documentation systems
- Topics include:
 - Context of operator
 - Leadership of commitment
 - Planning
 - Support and resources
 - Operational planning and control
 - Performance evaluation
 - Improvement



Quality Systems Certification

- Example: APVMA GMP
- Do <u>NOT</u> include any feed safety requirements/HACCP program
- Certify you meet veterinary medicine requirements
- Topics include:
 - Quality Management
 - Personnel and training
 - Buildings and grounds
 - Equipment
 - Documentation

- Computer systems
- Production
- Quality control
- Contract manufacturing
- Internal audits



Feed Safety Systems Certification

- Example: HACCP
- Use codex alimentarius principles for HACCP
- Don't always ensure GMP is complete
- Cover HACCP implementation and maybe some basic GMP as required by your HACCP assessment.
- Do not necessarily cover any management elements as per ISO standards.



FAMI-QS

- Globally recognized standard for premix and supplements (specialty feed ingredients)
- Matches human food manufacturing standards
- Includes:
 - ISO9001 management system requirements
 - GMP requirements
 - HACCP requirements
 - Feed Fraud Prevention and Defence requirements
- Equivalence = GMP+, FSSC22000, ISO22000



Australian Standards

- These standards are written with a specific scope in mind.
- Provide a minimum standard
- AS5008:2007 Hygienic rendering of animal products
 - Can be purchased from Standards Australia
 - Outlines specific process validation requirements
 - Outlines specific feed safety test limits
- National Standard for Recycling of Used Cooking Fats and Oils Intended for Animal Feeds
 - Can be downloaded from the Australian Renderers Association
 - Outlines specific processing requirements and testing requirements
 - Outlines specific MRLs
 - Includes packaging (container) minimum requirements



Current Checklist Section 5 - Purchasing

Documented Sourcing & Purchasing

- How are suppliers approved?
 - Quality standard?
 - Feed Safety expectations?
 - Contract agreements?
- Removed supplier management.
- Authorisations to approve suppliers
- Link from supplier approval to purchasing process

Tip: Here is what an auditor is looking for ...

- Supplier approval procedure
- Supplier register
- Individual supplier records of approval with evidence why
- Purchase orders match supplier register
- Products in storage match supplier register

Suppliers with Supply Chain QA

Documented Sourcing & Purchasing – with Supply Chain QA

- Supplier must provide a valid certificate
- Certification must cover GMP & HACCP at a minimum
- The scope must cover what you are purchasing
- If no certification then audit needs to be performed

Tip: Here is what an auditor is looking for ...

- Procedure to include certification requirement
- Copy of certificate on file
- Verification of validity documented
- If no certification then audit report performed on supplier
 - Audit checklist
 - Report & evidence sighted
 - Qualified/experience auditor

Supplier Audits

Documents:

- Supplier procedure guideline on when / what to audit
- Supplier audit checklist (ensure it covers GMP & HACCP)
- Completed audit report with conclusion, including:
 - Any further actions required
 - Next audit due

Who will audit?

- Someone who has been trained in FeedSafe
- Someone who understands the material type



Supplier Audits

At an absolute minimum your audit should include:

GMP (Good Manufacturing Practice)

Cleaning and sanitation programs

Complaint handling process

Equipment maintenance

GMP training for employees

Hygiene Policy / Procedures

Material management

Pest Control

Recall

Waste management

HACCP (Feed Safety)

Process flow diagram

Risk identified

Mitigations in place for high risks

Traceability

Cross-contamination controls

Feed Safety training for employees



Supplier Audits – Rendered products

On top of the above slide of GMP and HACCP expectations in your audit, you should also consider:

- Process validation of heat treatments conducted over 10 consecutive days of operation with laboratory result for Clostridium perfringens <10/g on each of the 10 days.
- Daily samples collated and then tested weekly at laboratory for negative to Salmonella.
- Product labelling includes RAM statement either positive or negative.



Supplier Audits – Recycled cooking fats or oils

On top of the above slide of GMP and HACCP expectations in your audit, you should also consider:

- Oils have been heated to 70°C.
- Oils have been filtered.
- Product verifications including <2% moisture and insoluble impurities content.
- Product test results meet MRLs of the standard.
- Containers meet Australasian Container Reconditioners Association code of practice.
- Product labelling includes RAM statement either positive or negative.

Supplier Risk Assessments

This can be done instead of onsite audit of supplier if justification is given.

Ensure risk assessment is documented, thorough, and covers whole of FeedSafe standard.

Ensure your HACCP risk assessment includes hazards related to this material.

Ensure risk assessment considers:

- Type of raw material
- Type of common hazards with this material
- Documentation / testing that comes with material
- History with supplier
- Form of supply (eg bulk v packaged)
- Transport



Examples

- Example A = fully certified supplier
- Example B = partially certified supplier
- Example C = non-certified supplier



- 1. Complete supplier approval form with
 - Company details
 - Type of certificate and expiry date
- 2. Verify certificate
- 3. Request the following documents for your files
 - Product Sheet
 - SDS
 - CoA (if relevant)

Example

- Form
- Verification of certificate

1. Supplier approval form - example

Supplier Approval Form

SECTION A

SUPPLIER DETAILS

To be completed by Supplier)	
Supplier Name:	EXAMPLE - Lallemand Animal Nutrition Australia
Address:	Street, suburb
Phone:	etc
Contact Name (Sales):	
Title/Position:	
Email:	
Mobile:	
Contact Name (Quality):	
Title/Position:	
Email:	
Mobile:	
Product A Product B RELEVANT LICENCE TO PROVE	VIDE PRODUCT OR SERVICE
COMPLETED BY: (To be completed by Supplier)	
Name	Bronwyn von Hellens
Name:	
Position:	Quality Manager

1. Supplier approval form - example

SECTION B

CERTIFICATIONS				
(To be completed by Supplier) Do you have a quality system in place?		<u> </u>		
Is it third party certified?	Yes No	Expires	31/10/26	
Certificate Number:	FAM-1638-01	Please s	supply certificate.	
Do you have a feed safety system in place?	Yes 📙 No			
Is it third party certified?	⊠ Yes ∐ No	Expires	31/10/26	
Certificate Number:	FAM-1638-01	Please _l	provide copy.	
*If you have FAMI-QS, APVMA GMP, FeedSafe, GMP+, UFAS/FEMAS, or FSSC22000 Certification please proceed to section C. All others please continue below				
QUALITY MANAGEMENT (To be completed by Supplier)				
Do you have a documented Quality Policy?		′es ∐ No	Please provide copy.	
Are documented procedures established & records ava	ilable?	′es ∐ No		
Do you have a complaint handling system?	L	es 🔲 No		
How do you evaluate your suppliers? What are your cri	teria?			
How do you verify your incoming materials? What are y	our criteria?			
Do you perform internal audits on any quality processe	s? 🔲 🗀 🗎 🗎	′es 📙 No	Date of last audit?	
Do you have an annual traceability test?		′es 📙 No	Date of last test?	
Do you formally confirm product meets specification?		′es ∐ No		
Is the product tested prior to dispatch?		es 🔲 No		
Is the product tested prior to dispatch? Do you retain samples of every final product?		res ∐ No	Retainment period?	
			Retainment period?	

1. Supplier approval form - example

FEED SAFETY MANAGEMENT		
(To be completed by Supplier)		
Do you have a feed safety system in place?	☐ Yes ☐ No	
Is it third party certified?	∐ Yes ∐ No	
Certificate Number:		Please provide copy.
Do you have a documented Feed Safety Policy?	Yes No	
What measures in place to ensure products are free of contamir	ants? Includin	g cross-contamination
and foreign objects?		
and foreign objects? Do you have a Hygiene Policy or procedure?	Yes No	Please supply copy.
	Yes No	Please supply copy. Please provide copy.

1. Supplier approval form - example

SECTION C

DOCUMENTS (To be completed by Supplier)		(To be completed by Company)
PLEASE MARK THE DOCUMENTS/SHEETS/CERTIFICATES ATT	ACHED	PLEASE MARK RECEIVED
Relevant Licence Quality Certification Feed Safety Certification Feed Fraud & Defence Certification Hygiene Policy Certificate of Analysis Product Data Sheet Label Product testing results	YES	YES NO XX CONTRACTOR XX CONTRACTOR

ASSESSMENT

(To be completed by Company)

INSTRUCTION: Insert score in "Risk rating" based on Supplier Procedure. Use comments to provide reference to evidence (ego expiry date of certification).

Area	Criteria	Risk rating	comments/reference
			Lallemand CoA provided every batch,
Product/	Independent testing	4	independent results upon request.
Service	Delivery on time	5	Based on last 2 years.
Quality	GMP based system	5	FAMI-QS exp 31/10/26
Feed safety	HACCP based system	5	FAMI-QS exp 31/10/26
Fraud prevention	Measures in place	5	FAMI-QS exp 31/10/26
	Total	24 /25	

Risk Outcome Matrix

20+	Review in 3 years or upon certification expiry.
15-19	Remote or desk audit required at least 3 yearly.
10-15	Onsite audit required at least 2 yearly.
<10	Management to take corrective action.

Summar	C.	Im	m	an
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Approved supplier. No audit required. Reassess November 2026.

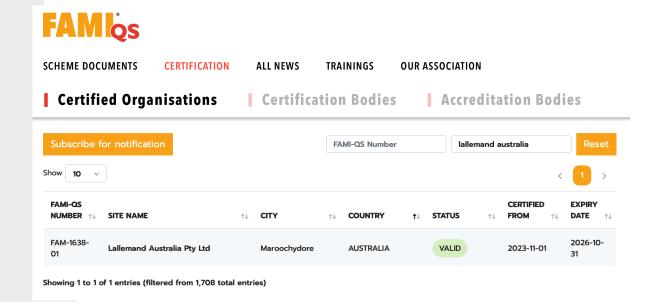
Reviewed by (name): Bronwyn von Hellens Date: 25/11/23

2. Verification of certificate

Verify the certificate.

For example:

https://fami-qs.org/certifiedorganisations/



Supplier Approval Form

SECTION A

CLIDDLIED DETAILS

o be completed by Supplier) Supplier Name:	EXAMPLE
••	
Address:	Street, suburb
Phone:	etc
Contact Name (Sales):	
Title/Position:	
Email:	
Mobile:	
Contact Name (Quality):	
Title/Position:	
Email:	
Mobile:	
ELEVANT LICENCE TO PRO	MIDE PRODUCT OF CERMICE
	VIDE PRODUCT OR SERVICE
APVMA GMP <u>lijcence</u> #4xxx	VIDE PRODUCT OR SERVICE
APVMA GMP Uicence #4xxx COMPLETED BY:	VIDE PRODUCT OR SERVICE
APVMA GMP Uicence #4xxx COMPLETED BY:	
COMPLETED BY: (To be completed by Supplier) Name:	Bronwyn von Hellens
APVMA GMP Uicence #4xxx COMPLETED BY: (To be completed by Supplier)	

Example B – Partially Certified Supplier

SECTION B

CERTIFICATIONS					
(To be completed by Supplier)					
Do you have a quality system in place?	Yes No				
Is it third party certified?	Yes 📙 No	n/a			
Certificate Number:	APVMA #4xxx	Please s	supply certificate.		
December of selection with a least	☐ Yes ☑ No	ı			
Do you have a feed safety system in place?					
Is it third party certified?	Yes 🔀 No				
Certificate Number:	n/a	Please p	orovide copy.		
*If you have a system covering GMP & HACCP Certi All others please continue below.	*If you have a system covering GMP & HACCP Certification please proceed to section C. All others please continue below.				
QUALITY MANAGEMENT (To be completed by Supplier)					
Do you have a documented Quality Policy?	☐ Y	es 🔲 No	Please provide copy.		
Are documented procedures established & records ava	ilable?	es 🔲 No			
Do you have a complaint handling system?		es 🔲 No			
How do you evaluate your suppliers? What are your cri	teria?				
How do you verify your incoming materials? What are y	your criteria?				
Do you perform internal audits on any quality processe	s?	es 🔲 No	Date of last audit?		
Do you have an annual traceability test?	☐ Y	es 📙 No	Date of last test?		
Do you formally confirm product meets specification?	□ Y	es 📙 No			
Is the product tested prior to dispatch?	☐ Y	es 🔲 No			
Do you retain samples of every final product?	□ Y	es 📙 No	Retainment period?		
Do you manage any animal based products as well?	□ Y	es 📙 No			
Do you have a cleaning/sanitation program?	Y	es 🔲 No	Doc#:		

Example B – Partially Certified Supplier

FEED SAFETY MANAGEMENT (To be completed by Supplier)				
Do you have a feed safety system in place?	∐ Yes ⊠ No			
Is it third party certified?	☐ Yes 🛛 No			
Certificate Number:	n/a	Please provide copy.		
Do you have a documented Feed Safety Policy?	¥ Yes ∐ No			
What measures in place to ensure products are free of contaminants? Including cross-contamination and foreign objects? Sieve in production line. Production scheduling matrix. Cleaning program. Hygiene training.				
Do you have a Hygiene Policy or procedure?	Yes No	Please supply copy.		
Do you have an audited Feed Fraud and Defence program?				
If no, what measures do you have in place to prevent product tampering and product fraud? Site security – gated manufacturing shed during business hours, and fully closed and gated site after hours. HR practices for employees. Annual product testing program – including raw materials and finished product.				

Example B – Partially Certified Supplier

SECTION C

DOCUMENTS				
(To be completed by Supplier)			(To be comple	ted by Company)
PLEASE MARK THE DOCUMENTS/SHEETS/CERTIFICATES ATTA	ACHED		PLEASE MARK	RECEIVED
Relevant Licence Quality Certification Feed Safety Certification Feed Fraud & Defence Certification Hygiene Policy Certificate of Analysis Product Data Sheet Label Product testing results	YES ON THE STATE OF THE STATE O	NO M M M M M M M M M M M M M	YES	

ASSESSMENT

(To be completed by Company)

INSTRUCTION: Insert score in "Risk rating" based on Supplier Procedure. Use comments to provide reference to evidence (eg., expiry date of certification).

Area	Criteria	Risk rating	comments/reference
Product/	Independent testing	3	CoC provided each batch.
Service	Delivery on time	4	Based on last 2 years.
Quality	GMP based system	5	APVMA GMP licence #4xxx
Feed safety	HACCP based system	2	Hygiene practices, sieve in production line.
Fraud prevention	Measures in place	2	Site security.
	Total	16 /25	

Risk Outcome Matrix

20+	Review in 3 years or upon certification expiry.
15-19	Remote or desk audit required at least 3 yearly.
10-15	Onsite audit required at least 2 yearly.
<10	Management to take corrective action.

Summary

Supplier audit required focussing on Feed safety systems. Completed 27/11/23. Next review due November 2026.

Reviewed by (name):	Bronwyn von Hellens	Date: <u>27/11/23</u>

Example B – Partially Certified Supplier

Example C – Non-certified Supplier

- 1. Complete supplier approval form with
 - Company details
 - Type of certificate and expiry date
 - All sections of assessment on supplier approval form
- 2. Stop orders from this supplier until management review of alternatives is completed provide documented justification if decision is to continue with supplier, then proceed to steps below.
- 3. Request the following documents for your files
 - Product Sheet
 - SDS
 - CoA (if relevant)
- 4. Perform and file audit on supplier

Example

- Form
- Verification of certificate
- Audit



FAQs

What are the consequences of not meeting this requirement in FeedSafe audit?

- Between 1/1/24 and 30/12/25 this would be an observation if there are no actions towards this goal.
- 1/1/26 onwards this would be a moderate non-conformance if not fully meeting this requirement.

FAQs

What about HACCP Certification, does that count as equivalent?

- Some CBs (eg. HACCP Australia) include GMP in their HACCP audits, but unfortunately there are some that it is not clear.
- Suggest you follow up with supplier regarding some GMP components (eg. desk audit or phone/remote audit).



FAQs

What if my supplier is not certified to this requirement?

- 1. Provide an internal justification on why this supplier continues to be your preferred supplier.
- 2. Perform audit within 6 months of your first material receival (or by 30/12/25 if an existing supplier).



Upcoming Changes

Supply Chain QA – effective 1 Jan 2026

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- FeedSafe
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- APVMA GMP
- Or Equivalent (Equivalence = a program with HACCP and GMP)

FeedSafe Certified mills only utilise rendered products or oils from businesses certified with the following standards:

- AS5008:2007 Hygienic rendering of animal products
- National Standard for Recycling of Used Cooking Fats and Oils Intended for Animal Feeds Affective

Questions

Bronwyn von Hellens

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Quality System – the basic rules

• System approach.

'Say what you do. Do what you say. Write what you did, or it didn't happen.'

- Documented
 - 'Say what you do' = procedures, work instructions, policies
 - 'Do what you say' = follow procedures, complete forms, training
- Verified
 - 'Write what you did' = complete forms, report on deviations, report system monitoring

FEEDSAFE

• 'or it didn't happen' = records kept for >12months, available for auditors