



# DTAS ANNUAL CONFERENCE 2019

## *DTAS Harmonisation Group update*

**Mark Mitchell**

*Quality Compliance & Operations Manager: Wincanton /  
Vice-chair of DTAS Management Committee*



## REASONS FOR ESTABLISHMENT

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- DTAS has a number of member organisations of differing sizes and structures, each carrying out a number of standard tasks but, not necessarily, using the same procedures or equipment.
- Leads to confusion at depots where multi-contracts are based at a single location.
- It would increase simplification, save time and reduce costs if some of these tasks could be harmonised by standardising procedures or using the same colours for seals etc.



## BENEFITS

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- Offering best practice, guidance and support to the industry.
- Assisting new members to the scheme, or those starting operations, by already having examples of recognised procedures in place and templates of key document already produced.



# OBJECTIVES

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- To aid the industry by tackling achievable targets for harmonisation.
- To establish a common set of key-critical processes and practices across all hauliers.
- Produce generic templates (not showing prescriptive figures) indicating best practice that can be adapted for individual use.



## LIMITATION

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- Some companies will have rules/processes that are tailored to specifically suit local conditions and/or specific company requirements.



## COMPOSITION OF DTAS HARMONISATION GROUP

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The DTAS Harmonisation Group comprises representatives from both milk purchasers and hauliers and an independent assessor. Dairy UK provides the secretariat.

The membership is :

- Robin Shipton                      First Milk
- Chris Swain / Alan Wells        Müller Milk & Ingredients
- Mark Mitchell                      Wincanton
- Andy Flanagan                      SJ Bargh
- Paul Charlton                        Independent
- Peter Dick / Ian Wakeling        Dairy UK



## FIRST STEPS ALREADY TAKEN

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Request for information sent out to members to determine which procedures are already being used.

**Thank you to everyone who replied!**

Initial questionnaire focused on:

- Milk collection temperature
- Seal control
- Milk rejection process

Antibiotics procedures added as fourth topic but initial work to concentrate on three areas above.



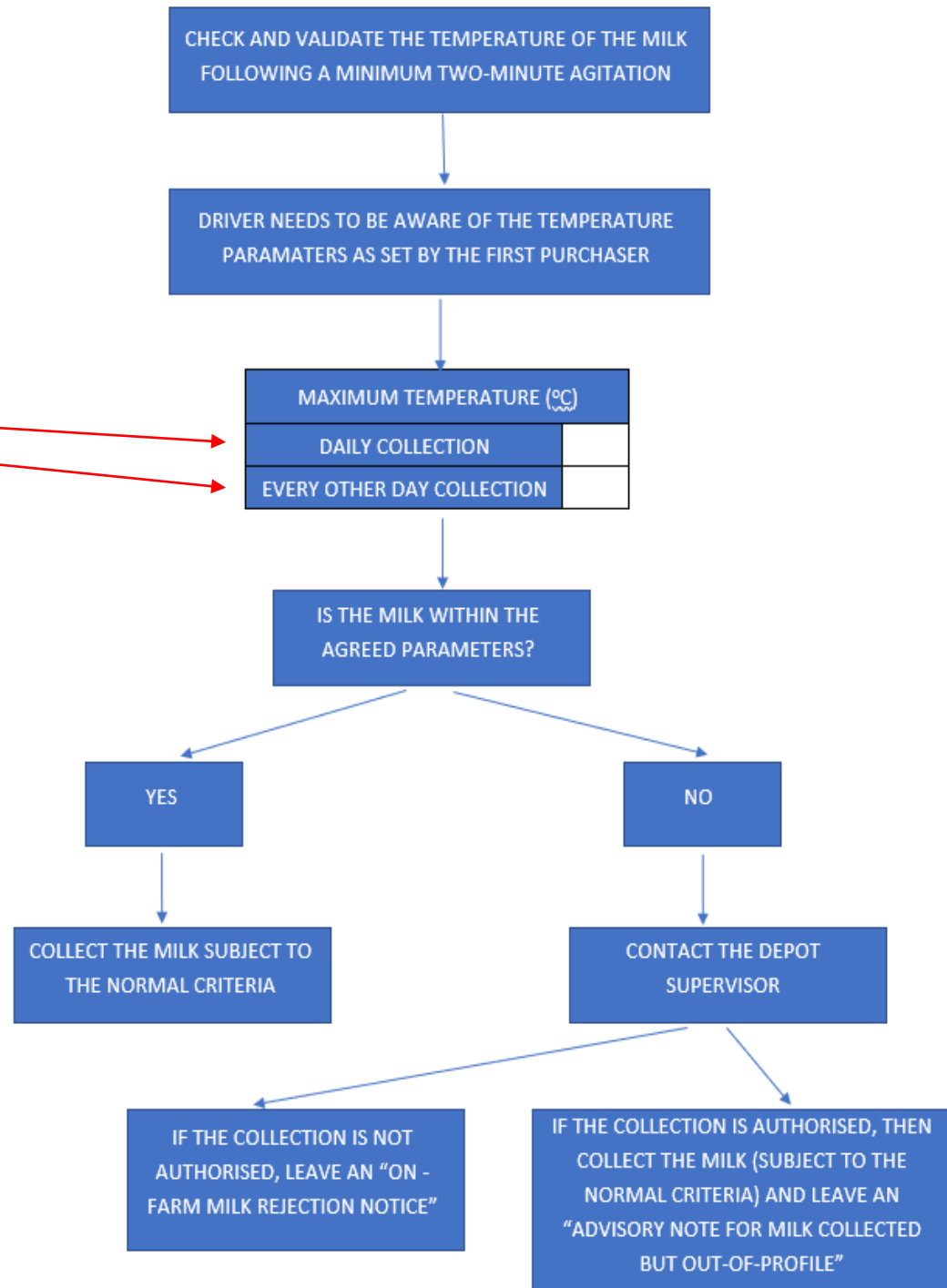
# ***HOT MILK DECISION TREES***





# TANKER DRIVER FLOW CHART

Generic template that  
can be customised for  
individual company use



## KNOWLEDGE OF REQUIRED PARAMETERS

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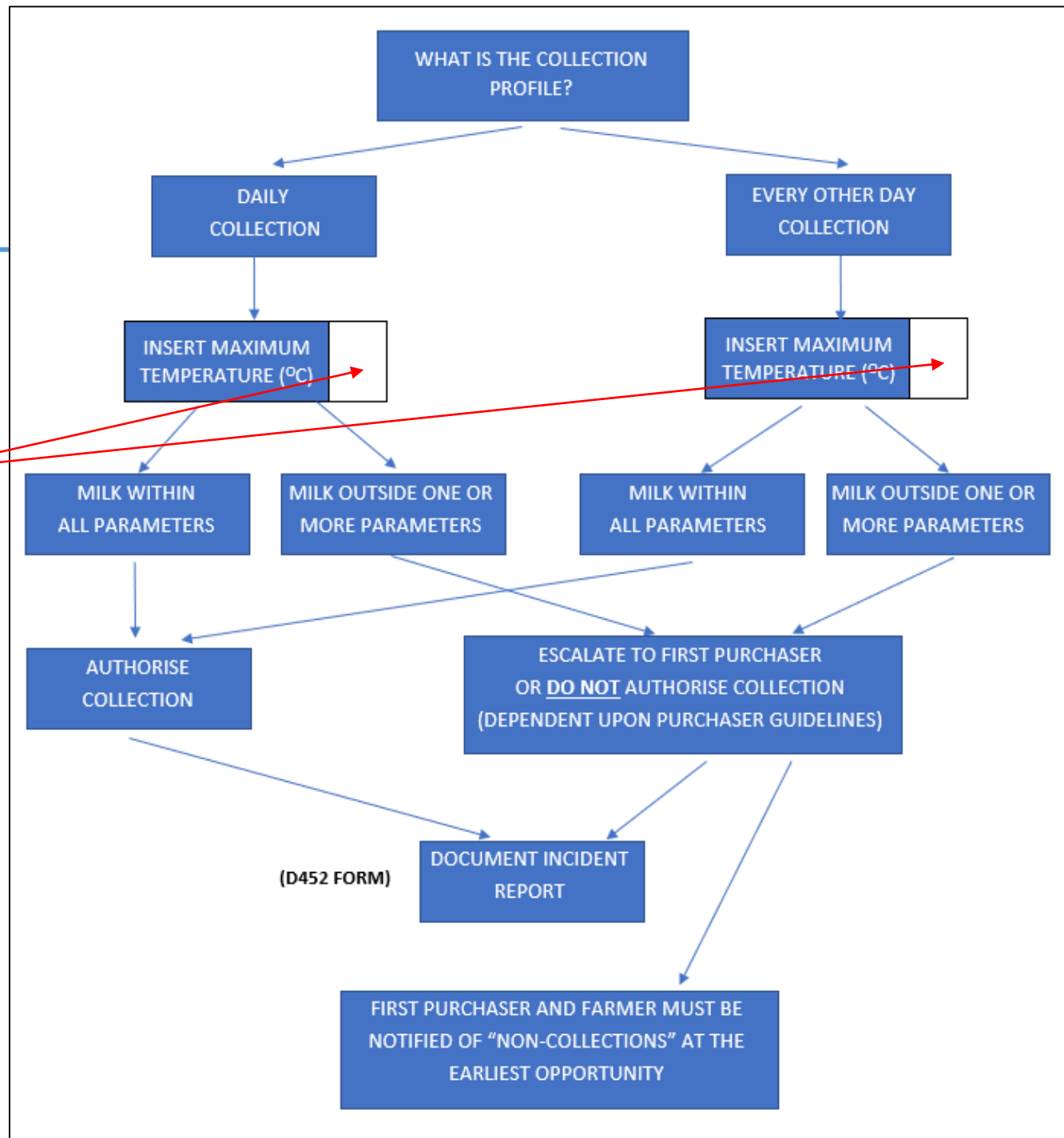
Supervisors need to be aware of the parameters as set by the First Purchaser and establish key facts, including:

- The current temperature on the vat gauge and hand-held thermometer (if applicable)
- Is the milk cooling and agitating?
- Has there been any recent history of temperature collection problems?
- Clarify the smell and appearance of the milk
- Clarify whether the supply is Every Other Day Collection (EODC) or daily collected – there may be varying tolerances given to specific collection profiles
- What information is available from the farmer, e.g.
  - When did the milking finish?
  - Has there been any disruption to the power supply or interruption to the cooling system?



# DEPOT / SUPERVISOR FLOW CHART

Maximum temperatures for daily collection and EODC to be inserted





# FIRST PURCHASER FLOW CHART

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Each First Purchaser will set their own criteria and specific parameters.



# ***MILK REJECTION***



# MILK REJECTION – MAIN REASONS

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- 1. Inspection re appearance and smell**
  - Temperature
  - Colour
  - Presence of Foreign objects
  - Presence of lumps of butterfat
- 2. Agitator not working**
- 3. Suspicion of malicious contamination by:**
  - Extraneous water
  - Chemicals
  - Medicines
- 4. Suspicion of milk added to vat from other containers**
- 5. Notice or instruction from farmer**



# EXAMPLE OF ON-FARM MILK REJECTION NOTICE

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Your milk has been rejected as unmarketable  
and was not collected today because:

Milk temperature was too high	
Temperature recorded	
Presence of foreign bodies, appearance or smell of your milk gave cause for concern	
Antibiotic pre-sample fail	
Electricity supply had failed	
Agitator was not working	
Other <i>(please specify)</i>	

### **Please dispose of this milk before you commence milking**

- Do not milk into this tank until you have emptied and cleaned your tank.
- Please be aware that if you milk on top of rejected milk, the entire consignment will be rejected.

To discuss, please contact your milk purchaser or depot.



Haulier:	
Driver:	
Date and time of rejection:	



# EXAMPLE OF HOT MILK INCIDENT REPORT

Haulier name:		Depot name:		Date:			
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Tanker driver name:		Vehicle reg / tanker ID:		Route number	
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Supply Name	Farm Name	Supply number

Rejected?	
Collected?	

Action taken / comments:

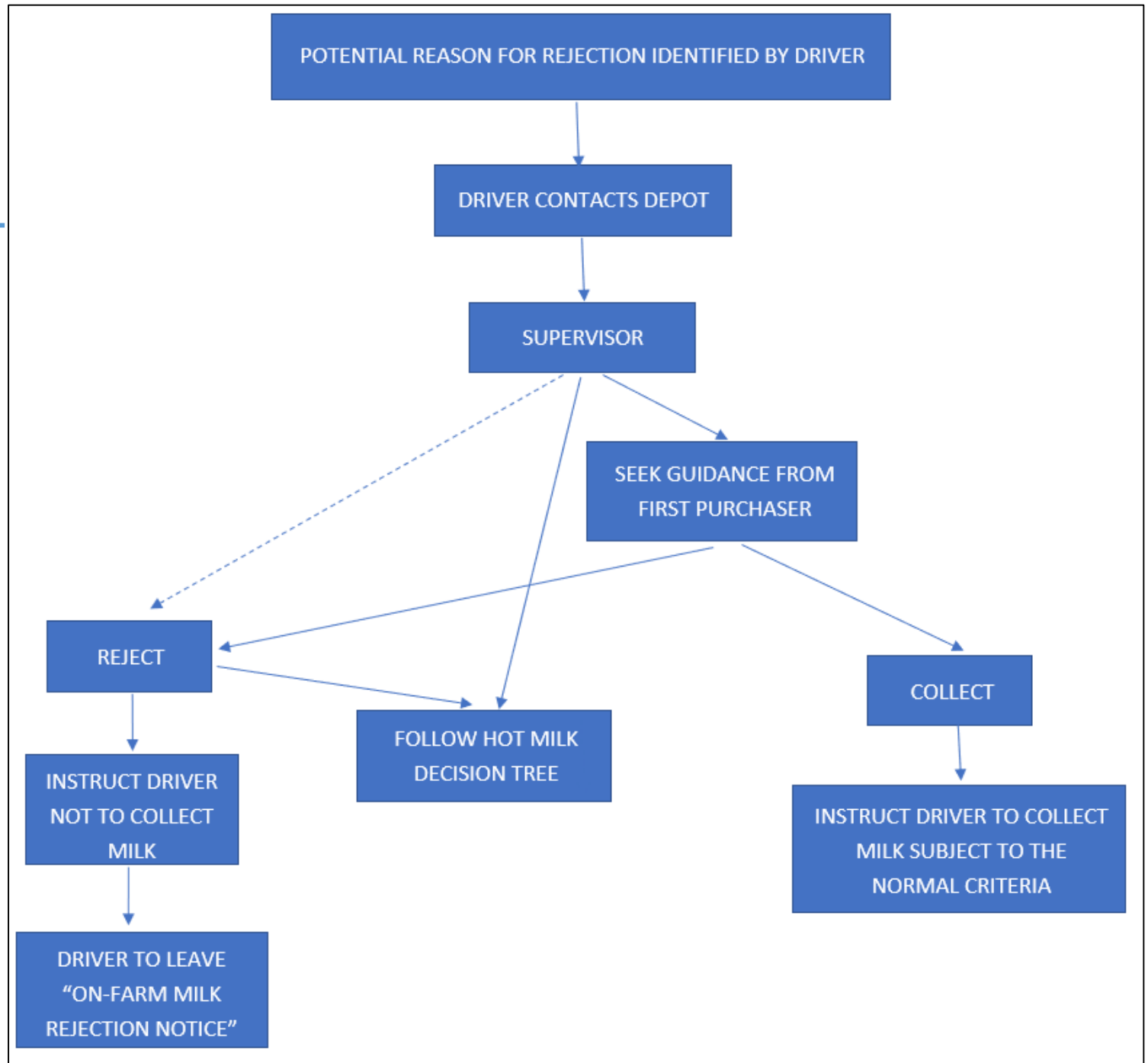
Time of arrival at farm:	<input type="text"/>
Is the collection profile daily or EODC?	<input type="text"/>
Farm vat gauge temperature on arrival	<input type="text"/>
Hand-held thermometer temperature on arrival	<input type="text"/>
Does the milk appear to be cooling at the time of collection?	<input type="text"/>
Vehicle loading temperature	<input type="text"/>
Time of collection (if applicable)	<input type="text"/>
Is the appearance and smell of the milk normal?	<input type="text"/>
Estimated time milking was completed	<input type="text"/>
Historical milking time	<input type="text"/>
Is there any recent history of temperature collection problems?	<input type="text"/>

Completed by: (name)		
Authorised by: (name)		
First purchaser informed:	Date:	Time:





# ON-FARM REJECTION FLOW CHART



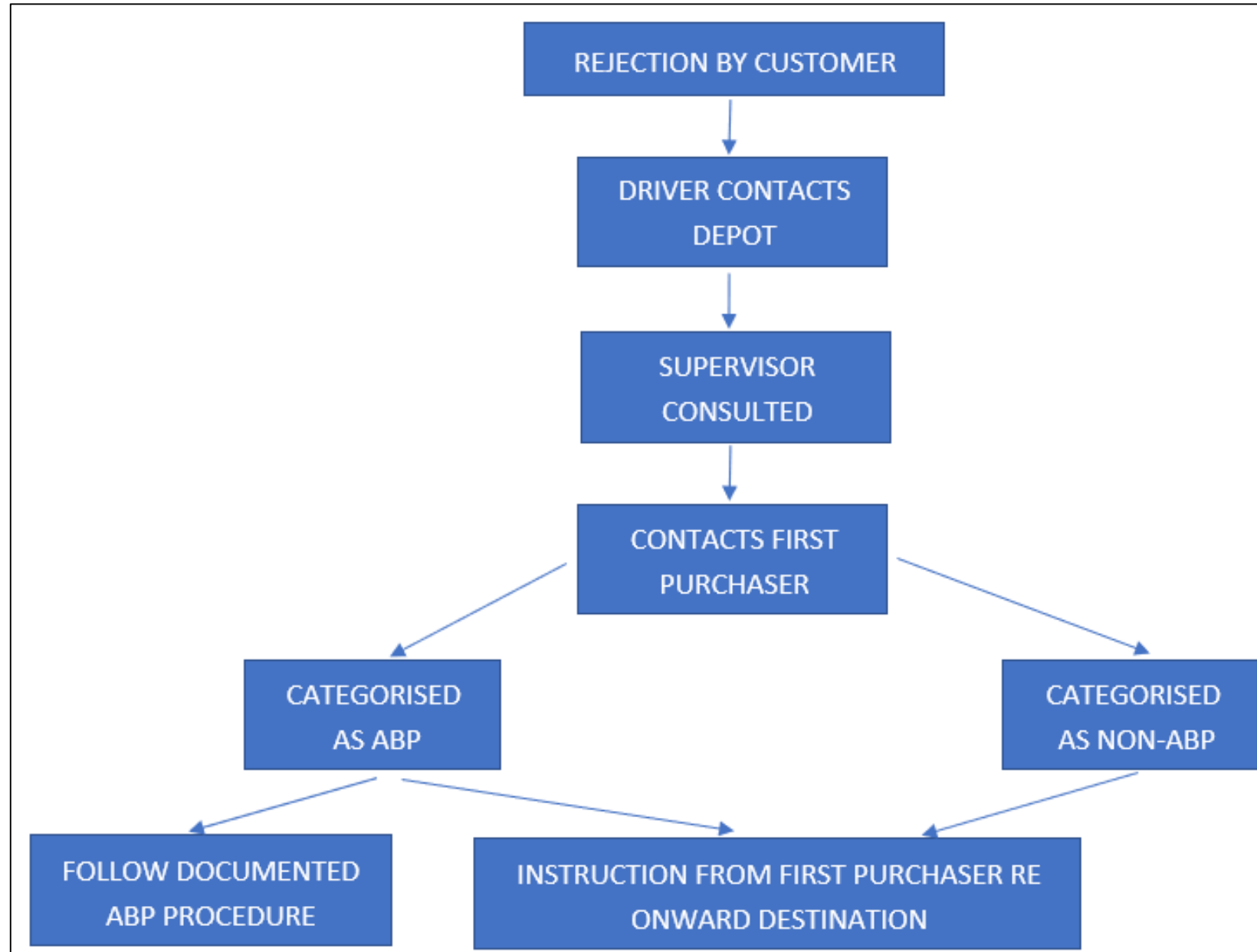


# POSSIBLE REASONS FOR REJECTION AT DELIVERY POINT

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- Presence of antibiotics
- Resazurin (keeping quality)
- Temperature outside guidelines
- Taste / taint of milk
- Incorrect / incomplete wash record
- Incorrect / incomplete security and/or sealing
- Incorrect / incomplete paperwork

# DELIVERY POINT REJECTION FLOW CHART





# ***TANKER SEALING POINTS***



## FARM COLLECTION TANKER SEALING POINTS

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- Sites may have different degrees of tanker security/sealing
- Diagram of main farm collection tanker sealing points, and how they should be secured, is to be produced. These include:
  - Rear / side cabinet (front cabinet for drag trailers)
  - Hose tubes
  - Manways (top / side)
  - Exposed pipework or flexi-hose – joints and seals
  - External sample taps
  - Pressure relief valves



## CONSISTENCY OF SEAL COLOURS USED?

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Intention is for as many companies as possible to use the same coloured seals to indicate each of the following:

- Clean / empty
- Partial loaded
- Fully loaded
- Rejected
- Milk fractions (cream/skim/whey)
- Specialist (e.g. organic/CI)
- Other

Follow-up questionnaire to be sent to members



## POSSIBILITY OF BULK SEAL PURCHASE?

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- Suggestion has been made that all interested members should combine their orders for seals to take advantage of reduced rates for bulk purchase.
- Level of support for proposal?



## NEXT STEPS

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- Continued focus on three key areas
- Work to begin on Antibiotics procedure
- Additional work depending on suggestions from members or recommendation by Management Committee
- Finalisation of documents to circulate to members and load onto Scheme Documents page of the website
- **Any suggestions for additional work items?**





# ADDITIONAL MEMBERS WELCOME

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**SUPPORT WELCOME FROM ADDITIONAL MEMBERS.**

**PLEASE CONTACT ROBIN SHIPTON IF YOU WOULD  
LIKE TO JOIN THE GROUP.**

**[robinshipton@firstmilk.co.uk](mailto:robinshipton@firstmilk.co.uk)**