

# Mini Guide to Reefer Container Cargo damage and potential causes



StillFresh

# Increased Temperature

## Outcome:

Softness, melting, rotting etc due to over heating.

## Potential causes:

Wrong container setting, poor stuffing, container malfunction, container not plugged, closed vent, damaged baffle plate, wrong instructions.

## What to check:

Check temperature logs, check stuffing pattern, verify load line, check dunnaging, check vent, baffle plate, carriage instructions.

## Relevant documents:

Booking note, bill of lading, pre trip inspection certificate, photographs



# Decreased Temperature

## Outcome:

Freezing, thawing, softness, delayed ripening from too low temperature.

## Potential causes:

Wrong container setting, frequent power off, open vents, wrong instructions.

## What to check:

Check temperature logs, check vent settings, verify temperature scale used, check carriage instructions

## Relevant documents:

Booking note, bill of lading, pre trip inspection certificate, photographs



# Suffocation

## Outcome:

Shrivelling, mold, condensation, collapsing, softness.

## Potential causes:

Excess CO<sub>2</sub>, wrong container setting, incorrect gas mixing, blocked air vent, container breach, lack of monitoring and adjustment.

## What to check:

Check O<sub>2</sub> settings, check vent settings, check container walls and doors, temp logs, CO<sub>2</sub> readings, RH setting.

## Relevant documents:

Booking note, bill of lading, pre trip inspection certificate, packing list, photos, EIR



# Odour Contamination

## Outcome:

Unpleasant smells from goods.

## Potential causes:

Residual odours from previous goods, poor cleaning, poor packaging, load mixing, spoilage or decay.

## What to check:

Check Pre Trip Inspection certificate, check cleaning confirmation, verify cargo types and state.

## Relevant documents:

Booking note, bill of lading, pre trip inspection certificate, packing list, cleaning certificate.



# Water Damage

## Outcome:

Wetness to goods.

## Potential causes:

Leaking container, sweating container, melting of frozen goods, clogged or closed drainage, perforated packaging.

## What to check:

Container walls and doors, temp and vent setting, cargo packaging, drainage, weather condition.

## Relevant documents:

Pre trip inspection certificate, temp logs, booking note, bill of lading, weather reports, nitrate test results.





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