



Container Selection Manual

Container Selection Manual

COVERS



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1 Revisions

| Revision | Date | Description | Manual Reference |
|----------|-------------|---------------------|------------------|
| A | DEC.15 2019 | Container Selection | OECLLS 0001 |

2 Manual Scope

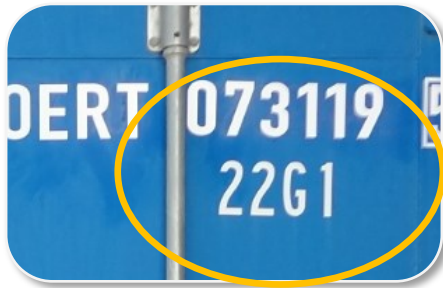
The following manual is an OEC Liquid Logistics Solutions standard operating procedure covering all elements related to selecting a container suitable for a flexitank shipment.

OEC LLS will not be held liable for containers being supplied that do not conform to the standards covered in this manual OEC LLS SOP.

3 Container Inspection

- ◇ Walls need to be fully corrugated with no decal panels on the ends
- ◇ All acceptable repairs must meet COA, IICL, CIC standards
- ◇ All concerns and questions on the strength of a repairs, need to be directed to the OEC LLS technical team.

A



Log container and check prior load history to ensure it has not carried any radioactive or toxic material .

B



Container gross weight must be (= or >) 30,000kg / 67,000 lbs.

Anything below 2100 kg, needs to be rejected

C



Ensure each container has a manufacture data plate and its up to date.
Recommendation is to use a containers no older than 5 yrs. of age, exception can be made.

3

Container Inspection

Continue.

E



Container needs to have dual locking bars and handles on each door .

Confirm all locking handles are functioning correctly

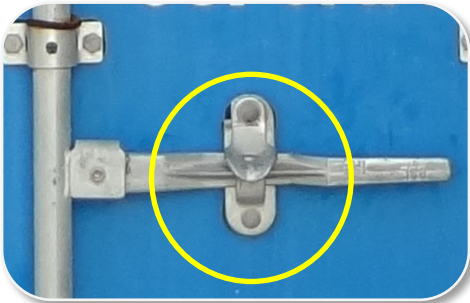
F



Container needs to have four locking cams above and below each door.

Ensure none are bent or broken and locking bars seat in them correctly.

G



Right hand container door locking handle will need to accept security seals .

H



Containers interior needs to be checked for strong odors and major protruding edge that cannot be repaired.

Container must have a door recess in good condition to pass the selection process.

3 Container Inspection

Continue.

E



Interior needs to be checked to ensure its in a clean state and free of strong odors. Floor needs to be checked and free from holes, burns, splinters, stains and sharp edges.

F



Check corner post and lashing bars to ensure they are free of damage. Broken welds and lashing bars are unacceptable and container should be rejected.

G



All weld seams, floor lashings and floor bolts need to be checked for sharp edges and heavy rust.

If faults are discovered this will result in rejection.

H



Inspection criteria for side walls will be limited to no more than 4 consecutive creased corrugations, no free floating patches, tears, holes in-side marked area of container, will result in re-jection.

Damage of a reasonable state is acceptable outside the marked area.

Exterior must be free of hazardous marking or labels.

4 Inspection Checklist

OEC LLS technical specialist can be reached for additional instructions if any part of the process does not meet the requirements of the checklist.

- ⇒ Container identification number must be recorded and previous load history checked,
- ⇒ Containers with decal panels must be rejected, only fully corrugated side walls .
- ⇒ Containers not exceeding 5yrs of age is the preferred standard (Approvals can be made)
- ⇒ A visual inspection of all 3 walls , corner post and castings..
 - 1.) Side walls requirements : no more than 4 consecutive creased panels.
 - 2.) no free floating patches, holes , tears on any walls
 - 3.) check corner casting for deformations (bent , broken welds etc..)
- ⇒ Minimal weight rating requirements— Gross: 30,000 kg / 67,000lbs or > Tare 2100kg
- ⇒ A data plate must be located on left hand door with current inspection information.
- ⇒ Fully functional dual locking bars on each door (no bent bars, weld repairs, missing or damage handles or container handle locks.)
- ⇒ Inspect bar locking cams for broken / damage and confirm bars lock securely.
- ⇒ Check right hand door lower cam or handle for a hole to allow a security seal.
- ⇒ Ensure door recesses on each side of container doors and free of damage.
- ⇒ Check interior walls and ceiling for holes, sharp edges, dust / debris.
- ⇒ Check walls weld seams for rust, weld spurs and debris.
- ⇒ Check interior floor for nails, screws, holes, damage wood , lashing ring, weld spurs/ rust.

5 Equipment Requirements

Flexitank and labels are supplied in the carton, 20 foot Sea Container / additional tools are supplied by the fitting depot.

- ◇ Shop broom
- ◇ Claw hammer / tool to remove nails from floor
- ◇ Flash light / shop light
- ◇ Fitting personal

6 Technical Contact List

Clint Sandridge - Global Technical Director

- ◇ 281-910-1527
- ◇ clint.sandridge@oecglobal.net

7 Legality / Confidentiality

OEC LLS will not assume any liability for actions or failures as a result of not conforming to the requirements covered in this manual.

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