

WP 05-WH1004

Revision 5

Facility and TRUPACT-II Pallet Handling

Technical Procedure

EFFECTIVE DATE: 04/29/09

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APPROVED FOR USE

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INTRODUCTION

This procedure provides the steps necessary for handling and cleaning Facility and TRUPACT-II Pallets.

No records are generated during the performance of this procedure.

REFERENCES

BASELINE DOCUMENTS

- WP 05-WH1011, CH Waste Processing
- WP 05-WH1025, CH Waste Downloading and Emplacement
- WP 05-WH1058, CH Waste Handling Abnormal Operations
- WP 05-WH1402, 13-Ton Electric Forklifts
- WP 05-WH1406, Conveyance Loading Car
- WP 05-WH1412, CH Waste Handling Toyota Forklifts
- WP 05-WH1603, CH TRU Underground Transporter, 52-H-008A & B

EQUIPMENT

- Mop
- Dry cloths
- Broom/dust pan
- Vacuum cleaner

PRECAUTIONS AND LIMITATIONS

- A maximum of four pallet assemblies, consisting of four Facility Pallets and up to eight TRUPACT-II Pallets, may be uploaded at a time.

PREREQUISITE ACTIONS

- 1.0 Ensure empty pallets (four Facility Pallets and up to eight TRUPACT-II Pallets) are available for cleaning/uploading.

- 2.0 Ensure that there are approved pallet stacking tools available for uploading as shown in Attachment 1, Figure 1.
- 2.1 **IF** the stacking tools are not available,
THEN GO TO Performance Step 1.2.2
- 3.0 Contact Central Monitoring Room (CMR) prior to opening Door 140. When Door 140 is in use for downloading/uploading for repeated operation, give detail of job to CMR.

PERFORMANCE

1.0 HANDLING AND CLEANING FACILITY AND TRUPACT-II PALLETS

- 1.1 Relocate the underground (U/G) Facility Pallet Platform to a rib on the intake side of the Emplacement Panel, as necessary.

NOTE

All tie-down rigging is placed on the top pallet of the stack.

- 1.2 Place facility pallet onto Facility Pallet Platform. This can be done by either backing the transporter to the platform and pushing the pallet onto it, or by using an appropriate forklift to set the pallet onto the platform.
- 1.2.1 **IF** using stacking tools,
THEN perform the following:
- [A] Ensure pallet stacking tools are in all four corners of the facility pallet as shown on Attachment 1, Figure 2.
- [B] **IF** there is a pallet on the Facility Pallet Platform,
THEN use a forklift to remove the other pallet(s) off the transporters,
AND place onto the other pallets on platform.
- [C] After Facility Pallets are stacked as shown on Attachment 1, Figure 3, pull onto the transporter.
- [D] Ensure all tie-down rigging is placed on the top pallet of the stack.
- 1.2.2 **IF** not using stacking tools,
THEN perform the following:
- [A] **IF** there is a pallet on the Facility Pallet Platform,
THEN use a forklift to remove the other pallets off of the transporters,
AND place them onto the other pallets.

[B] **IF** more than two Facility Pallets, or a maximum of three Facility pallets,
THEN tie down the pallets as shown on Attachment 1, Figure 4,
AND pull onto the transporter.

1.3 Transport empty pallets to waste station for uploading.

1.4 Ensure the following conditions:

- Waste Conveyance is chaired
- Gates are OPEN
- West chair pins are UP
- East chair pins are DOWN

1.5 Place pallets onto Waste Conveyance.

1.5.1 If pallet stacking tools are not used, retie hook end of the pallets to include bottom pallet.

1.6 Raise east chair pins.

1.7 Send Waste Conveyance to surface.

NOTE

Prior to operating Door 156, ensure Conveyance Loading Car is against the stop pad.

1.8 **WHEN** Waste Conveyance arrives at the surface,
THEN ensure the following:

- Door 156 is OPEN
- Pivot rails are DOWN
- Gates are OPEN
- West chair pins are DOWN

1.9 Remove pallets from Waste Conveyance.

1.10 CLOSE Door 156.

1.11 OPEN Door 140.

1.12 Remove pallets from Conveyance Car.

1.13 CLOSE Door 140.

- 1.14 Place pallets in designated areas and perform the following as necessary:
- 1.14.1 Remove pallet stacking tools from the pallet arrangement and store by Door 140 for next downloading.
 - 1.14.2 If required, remove TRUPACT-II Pallet(s) from Facility Pallet.
 - 1.14.3 If required, clean salt, dust, and debris off pallets per the following:
 - Vacuum off heavy debris
 - Wipe pallets down with cloth or mop

NOTE

If any payload pallets do not meet the criteria in the following steps, the Waste Handling Engineer must be contacted.

- 1.15 Inspect the Payload Space Frame Pallet assembly skip welds to ensure that the maximum number of broken skip welds between the top sheet and outer ring does not exceed three consecutive welds or ten total welds for any one pallet.
- 1.16 Perform general inspection of all payload pallets is as follows:
- Visually inspect pallets for obvious damage.
 - Ensure old-style payload pallet lifting pins are tight and do not rotate.
 - Ensure new-style payload pallet lifting pins can rotate.

Attachment 1 - Figures

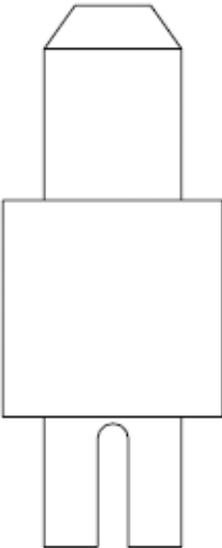


Figure1: Pallet Stacking Tool

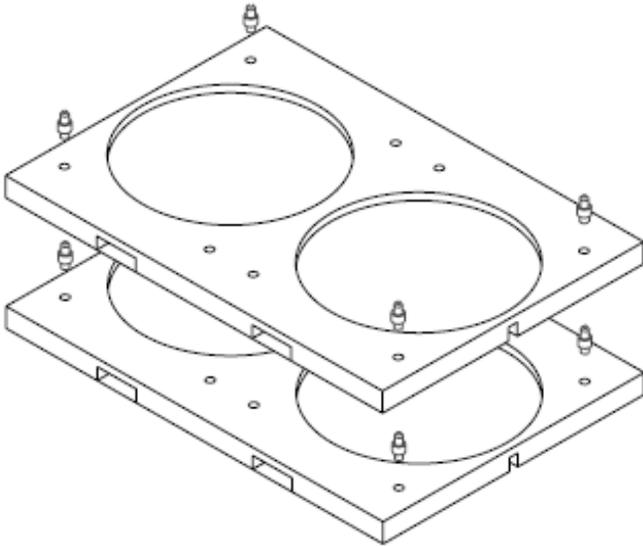


Figure 2: Stacking Tool Arrangement

Attachment 1 - Figures

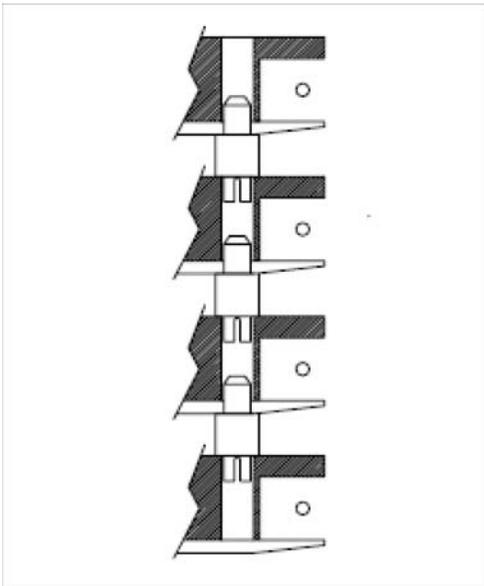


Figure 3: Tie-Down Assembly

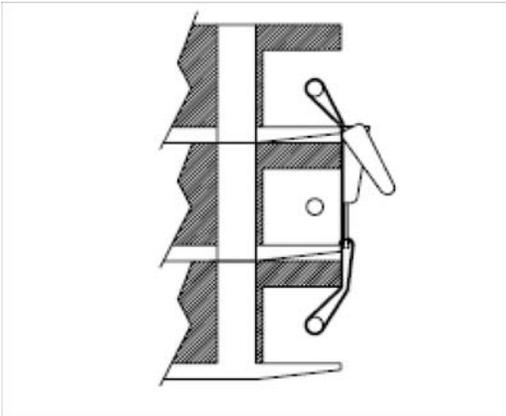


Figure 4: tie-Down Without Stacking Tools Arrangement