CB/THORNTON

# OPERATING PROCEDURE FOR WMS (WASTE MANAGEMENT SYSTEM)

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- 1 OBTAIN FECAL BAG From \_\_\_\_\_
- 2 UNLATCH and RAISE Stool LID
- 3 INSTALL FECAL BAG in Holding Assembly

## NOTE:

INSURE THAT FECAL BAG TOUCHES MESH SCREEN ON SIDES AND BOTTOM

- 4 CLOSE Stool LID and Latch
- 5 OBTAIN Appropriate URINE FUNNEL and Hose From Urine Chiller
- 6 ATTACH FUNNEL TO Bracket on STOOL
- 7 SUIT FAN SW (Pn1 \_\_\_ ) ON
- 8 Fecal Unit Now Ready For Use

### Shut-Down:

- 1 REMOVE URINE FUNNEL From Bracket on Stool
- 2 DRAIN URINE HOSE and REPLACE Hose and Funnel in Urine Chiller
- 3 SUIT FAN SW (Pn1 \_\_\_ ) OFF
- 4 UNLATCH and RAISE Stool LID

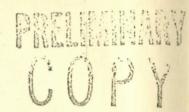
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- 5 REMOVE FECAL BAG From Fecal Bag Holding Assembly
- 6 REMOVE ADHESIVE COVERING Strip on Fecal Bag and Close Bag by PRESSING STICKY SIDES of Bag TOGETHER
- 7 REMOVE Adhesive Covering Fecal Bag VENT PATCH and SEAL VENT
- 8 Place Adhesive Covering Strips in WAIST BAG
- 9 Place FECAL BAG in Fecal Container IN URINE CHILLER

NOTE:

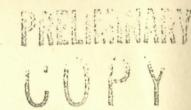
INSURE CHILLER DOOR CLOSED AND SECURED

- 10 LOWER Stool LID and Latch
- 11 OBTAIN Biocide Wipes From
- 12 WIPE Stool LID and Any SPILLS
- 13 PLACE Used TISSUES IN WAIST BAG



#### WMS STOOL REMOVAL

- 1 Obtain Tool Kit Stowed in
- 2 USE RATCHET to REMOVE 8 BOLTS at Base of Stool
- 3 STOW BOLTS in Temporary Stowage
- 4 ✓ SUIT FAN SW (Pn] ) OFF
- 5 Lay Stool on its Side to Expose Plumbing
- 6 Use Slot Screwdriver to REMOVE HOSE CLAMP at Stool
- 7 STOW HOSE CLAMP in Temporary Stowage
- 8 PULL TEFLON SLEEVE From Fitting On Blower and Filter Side
- 9 CARRY Stool to Transfer Lock
- 10 REPLACE TOOLS in Tool Kit and RESTOW



#### WMS STOOL REPLACEMENT

- 1 OBTAIN TOOL KIT Stowed in
- 2 OBTAIN STOOL at Transfer Lock
- 3 Lay Stool on its Side Near Vacuum Line
- 4 REMOVE HOSE CLAMP From Temporary Stowage
- 5 PUSH FLEX HOSE OVER FITTING on Stool
- 6 Place HOSE CLAMP AROUND FLEX HOSE over Fitting
- 7 ADJUST and TIGHTEN HOSE CLAMP
- 8 Place STOOL ON BASE and ALIGN BOLT HOLES
- 9 REMOVE 8 BOLTS From Temporary Stowage and Use. RATCHET to INSTALL BOLTS at Base of Stool
- 10 REPLACE TOOLS in Tool Kit and RESTOW

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# WMS FILTER REMOVAL

NOTE: FILTER ASSEMBLY MAY BE REMOVED WITH WMS STOOL ATTACHED TO FLOOR PLATE OR WITH STOOL REMOVED

- 1 Obtain Tool Kit Stowed in \_\_\_\_\_
- 2 / SUIT FAN SW (Pn1 \_\_\_ ) OFF
- 3 LIFT FLOOR PLATE ASSEMBLY Under WMS Stool and Place on Chamber Floor with Bottom of Plate Exposed
- 4 Use Open End Wrench to BREAK (1-3/8)
  CONNECTION BETWEEN FLEX TUBE AND INLET
  SIDE OF FILTER
- 5 Use Open End Wrench to BREAK (1-3/8)
  CONNECTION BETWEEN ALUMINUM TUBE AND
  EXHAUST SIDE OF FILTER
- 6 Use Wrench and Phillips Screwdriver to REMOVE the 4 NUTS and BOLTS
  HOLDING MOUNTING BRACKET to Floor Plate
- 7 STOW NUTS (4) and BOLTS (4) in Temporary Stowage
- 8 Carry Filter to Transfer Lock
- 9 Replace Tools in Tool Kit and Restow

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#### WMS FILTER REPLACEMENT

NOTE: FILTER ASSEMBLY MAY BE REPLACED WITH WMS STOOL ATTACHED TO FLOOR PLATE OR WITH STOOL REMOVED

- HOSE TO INLET SIDE OF FILTER

  8 Use Open End Wrench to CONNECT (1-3/8)
- 9 Place Floor Plate ASSEMBLY in Opening IN FLOOR

ALUMINUM TUBE TO OUTLET SIDE OF FILTER

10 Replace Tools in Tool Kit and Restow

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WMS BLOWER REMOVAL

NOTE: BLOWER MAY BE REMOVED WITH WMS STOOL ATTACHED TO FLOOR PLATE OR WITH STOOL REMOVED

- 1 OBTAIN TOOL KIT Stowed in
- 2 SUIT FAN SW (Pn1 \_\_\_ ) OFF
- 3 LIFT FLOOR PLATE ASSEMBLY Under WMS Stool and Place on Chamber Floor with Bottom of Plate Exposed
- 4 REMOVE 24v ELECTRICAL CONNECTOR From Blower
- 5 Use Open End Wrench to BREAK
  CONNECTION BETWEEN ALUMINUM TUBE AND INLET
  SIDE OF BLOWER
- 6 Use Wrench and Slot Screwdriver to REMOVE BRACKET at Exhaust Side of Blower Assembly
- 7 STOW NUTS (2), SCREWS (2) and HALF OF BRACKET in Temporary Stowage
- 8 REMOVE BLOWER Assembly and VALVE Assembly
- 9 Carry Blower and Valve to Transfer Lock
- 10 Replace Tools in Tool Kit and Restow

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(1-3/8)

(3/8)

#### WMS BLOWER REPLACEMENT

NOTE:
BLOWER MAY BE REPLACED WITH WMS STOOL ATTACHED
TO FLOOR PLATE OR WITH STOOL REMOVED

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- 1 OBTAIN BLOWER ASSEMBLY and VALVE ASSEMBLY .
  at Transfer Lock
- 2 Carry Blower and Valve Assembly to WMS Area
- 3 OBTAIN TOOL KIT Stowed in
- 4 ✓ SUIT FAN SW (Pn7 \_\_\_ ) OFF
- 5 With Bottom of Floor Plate Assembly Exposed INSTALL BLOWER and VALVE ASSEMBLY
- 6 OBTAIN NUTS (2), SCREWS (2) and HALF OF BRACKET From Temporary Stowage
- 7 Use Wrench and Slot Screwdriver ATTACH BRACKET AT EXHAUST END OF BLOWER ASSEMBLY.

(3/8)

8 Use Open End Wrench to CONNECT ALUMINUM
TUBE From Filter TO INTAKE END OF BLOWER ASSEMBLY

(1-3/8)

- 9 CONNECT 24v ELECTRICAL CONNECTOR to Blower
- 10 SUIT FAN SW (Pn1 \_\_\_ ) ON
- 11 ✓ Blower Operation
- 12 SUIT FAN SW (Pn) \_\_\_\_) OFF
- 13 PLACE Floor Plate ASSEMBLY in Opening IN FLOOR
- 14 Replace Tools in Tool Kit and Restow