

CB / THORNTON

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# OPERATING PROCEDURE FOR WMS (WASTE MANAGEMENT SYSTEM)

## Use:

- 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 (Pnl \_\_\_\_ ) - 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 (Pnl \_\_\_\_ ) - 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

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## 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 (Pnl \_\_\_\_ ) - 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

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## 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 (Pnl \_\_\_\_ ) - 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 CONNECTION BETWEEN FLEX TUBE AND INLET SIDE OF FILTER (1-3/8)
- 5 Use \_\_\_\_\_ Open End Wrench to BREAK CONNECTION BETWEEN ALUMINUM TUBE AND EXHAUST SIDE OF FILTER (1-3/8)
- 6 Use \_\_\_\_\_ Wrench and Phillips Screw-driver to REMOVE the 4 NUTS and BOLTS HOLDING MOUNTING BRACKET to Floor Plate (3/8)
- 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

- 1 OBTAIN FILTER ASSEMBLY at Transfer Lock
- 2 Carry Filter to WMS Area
- 3 Obtain Tool Kit Stowed in \_\_\_\_\_
- 4 ✓ SUIT FAN SW (Pnl \_\_\_\_ ) - OFF
- 5 OBTAIN NUTS (4) and BOLTS (4) From Temporary Stowage
- 6 Use \_\_\_\_\_ Wrench and Phillips Screwdriver to ATTACH FILTER MOUNTING BRACKET to Floor Plate (3/8)
- 7 Use \_\_\_\_\_ Open End Wrench to CONNECT FLEX HOSE TO INLET SIDE OF FILTER (1-3/8)
- 8 Use \_\_\_\_\_ Open End Wrench to CONNECT ALUMINUM TUBE TO OUTLET SIDE OF FILTER (1-3/8)
- 9 Place Floor Plate ASSEMBLY in Opening IN FLOOR
- 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 (Pnl \_\_\_\_\_) - 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 (1-3/8)
- 6 Use \_\_\_\_\_ Wrench and Slot Screwdriver to REMOVE BRACKET at Exhaust Side of Blower Assembly (3/8)
- 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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## WMS BLOWER REPLACEMENT

## NOTE:

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

- 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 (Pnl \_\_\_\_ ) - 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 (Pnl \_\_\_\_ ) - ON
- 11 ✓ Blower Operation
- 12 SUIT FAN SW (Pnl \_\_\_\_ ) - OFF
- 13 PLACE Floor Plate ASSEMBLY in Opening IN FLOOR
- 14 Replace Tools in Tool Kit and Restow