

## Hydrovac Operating Procedures

### On Approach To The Mini Hydrovac

1. Daily Vehicle Check to be completed
2. Check vehicle and Equipment is not defective and is adequately greased
3. Ensure the Dead Man Switch is on (if applicable)
4. Check you have enough water for your work
5. Turn on main vehicle engine.
6. Check water level, engine oil level, and hydraulic oil on the Donkey Engine to ensure the level is correct
7. Start up the Donkey Engine
8. Switch off your Donkey Engine
9. Check you have all your equipment:

### Equipment list

1. 1x Hand Lance
2. 1 x Large Extension Tube
3. 2 x Extension Tubes
4. 1 x Hand Controller (Pendant)
5. 3 x Pipe Clamps

### Once On Site

1. Make sure you are within 1.5 meter from the works area
2. Make sure the park brake on the vehicle is applied
3. Walk around to the offside rear and attach the Pendant
4. Start up the Donkey Engine
5. Allow engine to idle for at least 10 minutes before revving engine
6. Check for any leaks



**Website:**

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7. Ensure all emergency stops are dis-engaged
8. Using the remote controller, rotate the Boom to the side of the vehicle
9. Raise the Boom and attach the extension's needed for the job, and secure with clamps
10. Move Boom to works area
11. Once ready to start work you will need to activate the Lance by switching it on at the rear of the vehicle using the Lance symbol on the control panel.
12. There are two ways to increase the engine revolutions; either through the Pendant, or via the control panel at the rear of the vehicle

### **Tipping Procedure**

1. Check for overhead cables and that the ground is level and solid
2. Unclip all four door latches
3. Open rear door fully
4. Raise the body
5. Allow for all the waste to empty
6. Use the jet wash to clear residue laying on the bottom of the tank
7. Lower the back of the Hydrovac down
8. Clean off latches, lights, number plate, and shelf
9. Ensure the rear door is fully closed and latches are fully engaged
10. Make sure the Controller is switched off and back in its holder

### **System Pack Down**

1. Lower the revs on the Donkey Engine (**ALLOW ENGINE TO IDLE FOR ATLEAST 5 MINUTES**)
2. Deactivate the Lance
3. Pack Lance away safely and securely
4. Raise the Boom away of the works area
5. Remove the clamps and disconnect the extension pipes
6. Align the boom to its holder and lower into place
7. Disconnect the Pendant
8. Turn off Donkey Engine
9. Ensure all equipment is stored safely
10. Blow out water system (if in freezing conditions)



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**STS Environmental Limited**

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**I sign to acknowledge and understand all the above points and will carry out my job as per the instructions above in accordance with STS Environmental RAMs**

Signed:.....

Reviewed By: Signed:.....

Print:.....

Print:.....

Date:.....

Date:.....



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