OPERATION SHEET

WET / DRY VACUUM

OPERATOR INSTRUCTIONS

PLANT INFORMATION

NHG Ref/Part No.

Plant ID: WETVAC

Plant Name: Wet / Dry Vacuum

Potential Noise Level in Db: 65db to less than 85db

Required hearing protection class: 2

Operator Competency: Plant Licence Not Required
It is the hirer's responsibility to ensure that all operators are competent.

Please refer to the User Guide and Operators Manual for detailed Operating Instructions

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OPERATION – DRY USE

Setting up

1. Position the vacuum in the working area.

2. Ensure dust collection bag is fitted to collection cone.

3. Plug vacuum into power supply and switch on power supply.
   IMPORTANT - Ensure vacuum is set to OFF position prior to turning on power supply.

4. Disconnect filter link hose from top of secondary filter housing.

5. Switch machine to ON position for 2 seconds and place hand over filter link hose coupling. Feel with hand whether machine is sucking or blowing.

5. If machine is blowing, wait 1 minute (for motor to completely stop turning) and switch machine to other direction using FWD/REV switch.
   IMPORTANT - Always remove key from FWD/REV switch. This will lock switch and make it impossible to change direction of motor when machine is running.

6. Once machine direction is set correctly it is ready for use with grinding machine.

Cleaning the primary filters.

After every 10-20 minutes of operation, the primary filters will need cleaning as dust will build up on the inside of the filter socks. The easiest and most effective way to clear the dust build up on the filter sock is as follows:

1. Switch the machine to the off position.

2. Using a large rubber hammer/mallet, tap the top surface of the primary filter housing 10 times. While this is happening you will notice all the dust from inside the unit drop into the plastic bag attached to the collection cone.

Changing the dust bags.

Once the dust bag has collected around 20 kg of dust, to avoid lifting hazards caused by overfilling of dust bags, the dust bag should be changed.

IMPORTANT - keep vacuum running during the bag changing process. This will keep the valve in the collection cone closed ensuring no dust will drop out from within the collection cone when bag changing is being performed.

This method will greatly reduce operator exposure to fine dust particles when using the equipment. It is strongly advisable that all operators use a dust mask/respirator when changing dust bags or performing maintenance on the machine

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1. Clear the primary filters of dust as outlined previously and agitate bag so that dust settles in the bottom of the bag.

2. Switch the machine back into ON position (you will notice the air is sucked from the plastic bag).

3. Tie bag off below the collection cone using a cable tie or other bag tie.

4. Release elastic strap and remove sealed bag.
   IMPORTANT - Use extreme caution when releasing and reattaching elastic strap.

5. Using elastic strap, attach new empty plastic bag (you will notice the air is sucked from the plastic bag).

6. Machine is now ready to be used for duct collection again.

OPERATION – WET USE

The Husqvarna DC 5500 can also be used for collection of wet materials such as slurry formed from the wet grinding process.

In order to use the machine for wet collection, simply remove the primary filter socks from the unit.

1. Disconnect the filter link hose.

2. Release the large toggle latch.

3. Fold the primary filter housing into the forward position.

4. Release the 2 small toggle latches.

5. Lift the primary filters from within the primary filter housing.
   IMPORTANT - It is strongly advisable that all operators use a dust mask/respirator when removing primary filter socks from the machine.

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TROUBLESHOOTING

1. The machine will not run.
   Ensure power connected to machine is on. If machine still will not run, please contact NHG.

2. The machine makes a low humming sound when switched to ON.
   This indicates there are only two-phases of power supply at the motor. Switch off machine immediately to avoid motor burn-out. Return unit to NHG.

3. The machine will only run in one direction.
   This indicates a problem with either the FWD/REV switch mechanism or one of the contactors. Return unit to NHG.

4. The machine will run but there is not power at the accessory power point.
   Check connections inside accessory power point.

5. The machine does not have much suction.

   (a) Inspect inside secondary filter housing and make sure secondary filters are not blocked with dust. If blocked up with dust, remove and clean filters by either tapping out or using compressed air.
   IMPORTANT - A respirator should be worn at all times when performing filter cleaning activities.
   If large amounts of dust present in secondary filter housing, this indicates a problem with the primary
   filters. Usually this means there is a hole in one or more of the primary filters or one of the primary filters has come loose. Check primary filters for small holes or perforations.
   Small holes can be repaired/patched using silicone sealant

   (b) Make sure flap in bottom of collection cone is closing properly and creating a seal. If this flap is not functioning properly, machine will tend to suck up dust bag when switched on.

6. The machine is blowing dust out the exhaust.

   (a) Normally this means the secondary filters are not installed properly and dust is bypassing them. Ensure the seals on the ends of the secondary filters opposite the secondary filter housing door are creating a proper seal. This can be viewed by looking down the filter link hose coupling.

   (b) Secondary filters may need replacing.

Please refer to the User Guide and Operators Manual

for detailed Operating Instructions

The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.

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