

OPERATOR TRAINING SYLLABUS

APRIL 2019

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OPERATOR/DRIVER TRAINING SYLLABUS

All Makes & Models

Procedure

1. On arrival at customers depot please book in at reception and familiarise yourself regarding 'on site' health and safety procedures relating to all visitors.
2. The Trainer will check that the driver holds the relevant driving licence for the vehicle(s) the operator is being trained on, please refer to DT01.
3. Moving onto the sweeper, which is to be used for instruction purposes, check that the unit has been registered, has a valid MOT and is taxed (if new) and has sufficient diesel to carry out the instruction.
4. The operator will at this point be shown that in the cab document pocket there is an operator's guide. It must be stressed to the operator that it is imperative that this guide be kept in the unit at all times due to the fact he may not be the only person to operate the unit.

At this point, if a request for further operator guides is made by the operator or his supervisor, please pass this information back to the office at L Lynch and they will dispatch by post the appropriate number of guides FOC.

5. Driver will be shown the pre-start procedure i.e., engine oil level check, coolant level check, hydraulic oil level check, plus all the relevant checks listed on DT02.
6. The operator can now position himself in the driver's seat and adjust the seat to his personal liking, along with the mirrors and steering.
7. Whilst the unit is static and not running, the operator will be shown the layout of the cab i.e., switches and controls and the safe use of the rear-view camera. The operator will be shown these procedures which are set out in the vehicle operators guide.
8. Prior to any movement of the unit the operator will be shown all the safety features relating to the unit i.e. body props, high pressure water guns and their safe use. At this point he should be issued with the relevant 'Good Working Practice' sheet (GW01, GW02 & GW03).

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9. The operator will be shown the sweeping procedures which are in the guide, only when the operator is satisfied that he will be able to carry out the operation safely, move onto section 10.
10. The operator will then be shown any optional equipment that has been specified on the unit, when the operator is satisfied that he will be able to carry out the operation safely the instruction will begin.
11. The initial instruction on the operation and driving is usually carried out in a safe area away from the public or any other employees. When this has been checked and the instructor is satisfied, the sweeper can then be driven to an area where the operator can use the sweeper. The instructor will then start to assess the operator and make any notes referring to the operator as required, please refer to DT02.
12. Upon completion of an instruction or the sweeper becomes full of debris and requires emptying, the sweeper will be driven by the operator (still under observation) to the point of discharge (previously arranged). The operator will then be shown the following procedure:

The correct method of discharging the load into a bunker etc. He will then be instructed as to the procedure to clean the hopper and filter mesh system with the jetting gun.
13. The operator would at this stage be shown again the safe use of the auto body props and their re-setting prior to lowering the body, operators of CX201 Stage 3 and Euro 6 equipment will be issued with PI002.
14. The operator will be shown the safe procedure for cleaning out the chute, in the event of a blockage occurring and how to keep the recirc tank, nozzle and filters clean.
15. Maintenance; the operator will be shown the routine maintenance in the operators guide. The safe procedure of brush replacement will then be demonstrated and just how important it is to keep the machine clean. The operator will be shown how to override the handbrake mechanism in the event of a breakdown requiring recovery.
16. The operator will be shown the adblue tank and gauge location and how to refill the system and an explanation of the importance of keeping the system topped up.
17. The operator will be given DPF regen awareness training, a full explanation of the regen warning lights will be given and an explanation of the importance of this being carried out, PI004 will be issued to the operator.

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18. Question Time; Adequate time will be allowed for the operator to ask any questions regarding any of the procedures which have been instructed.
19. If the trainer is satisfied that the operator is fully conversant and competent to operate and use the unit to which he has been instructed he will complete DT01, DT02, DT03a & DT03b which will be signed by operator and trainer.
20. The instructor will then report to the operator's superior, who will be notified if further training is required.

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OPERATOR TRAINING FORM DT02:

COURSE APPRAISAL

SECTION A: Pre-Sweeping

	Yes	No
1. Switch layout and functions (in cab)	<input type="checkbox"/>	<input type="checkbox"/>
2. Control layout and functions (out of cab)	<input type="checkbox"/>	<input type="checkbox"/>
3. Correct adjustment of channel brush	<input type="checkbox"/>	<input type="checkbox"/>
4. Correct adjustment of wide sweep brush	<input type="checkbox"/>	<input type="checkbox"/>
5. Correct adjustment of nozzle	<input type="checkbox"/>	<input type="checkbox"/>
6. Level checks before sweeping (hyd, water etc.)	<input type="checkbox"/>	<input type="checkbox"/>

SECTION B: Sweeping & Post Sweeping

	Yes	No
1. Driving at a suitable speed (conditions/operation)	<input type="checkbox"/>	<input type="checkbox"/>
2. Operation of sweep gear / controls	<input type="checkbox"/>	<input type="checkbox"/>
3. Use of water systems (lost & recycled)	<input type="checkbox"/>	<input type="checkbox"/>
4. DPF & adblue awareness	<input type="checkbox"/>	<input type="checkbox"/>
5. Overall driving / sweeping performance	<input type="checkbox"/>	<input type="checkbox"/>
6. Discharge of load	<input type="checkbox"/>	<input type="checkbox"/>
7. Cleaning machine, meshes/screens/body	<input type="checkbox"/>	<input type="checkbox"/>
8. Daily checks for wear and damage	<input type="checkbox"/>	<input type="checkbox"/>
9. Cold weather protection	<input type="checkbox"/>	<input type="checkbox"/>

TRAINING COURSE, CONTENT & QUALITY

Poor ←————→ Excellent

- Driving at a suitable speed (conditions/operation):
- The scope of the content was:
- How did you rate the quality of the training?

1	2	3	4	5
1	2	3	4	5
1	2	3	4	5

PLEASE COMPLETE THE FOLLOWING IN BLOCK CAPITALS (DETAILS WILL BE ISSUED TO

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CERTIFICATE)

TRAINEE NAME _____

COMPANY / COUNCIL _____

_____ DATE _____

MACHINE _____

TYPE _____

TRAINEE

SIGN

DGS TRAINER PRINT NAME _____

_____ DGS TRAINER SIGN _____

OPERATOR TRAINING FORM DT01:

DRIVER ASSESMENT

SECTION A

Acceptable

Unacceptable

- 1. Appropriate driving licence to be checked by customer
- 2. General control of vehicle
- 3. Correct use of vehicle gears/clutch/brakes
- 4. Use of mirrors
- 5. Courtesy for other road users
- 6. Correct distance from kerb

SECTION B

Acceptable

Unacceptable

- 1. Driving at a suitable speed (conditions/debris)
- 2. Correct ops of sweep gear/controls
- 3. Correct use of water
- 4. Discharge of load/machine cleaning
- 5. Overall driving/sweeping performance
- 6. Items to check each day

COMMENTS:

PLEASE COMPLETE THE FOLLOWING IN BLOCK CAPITALS (DETAILS WILL BE ISSUED TO CERTIFICATE)

TRAINEE NAME _____

COMPANY / COUNCIL _____

DATE _____

MACHINE TYPE _____

TRAINEE SIGN _____

DGS TRAINER PRINT NAME _____

DGS TRAINER SIGN _____

OPERATOR TRAINING FORM DT03a

DRIVERS DAILY / START OF SHIFT CLEANING ROUTINE CHECKLIST

- 1. Engine oil level
- 2. Water levels
- 3. Hydraulic oil level
- 4. Adblue level
- 5. Autolube level
- 6. Transmission oil level (CX200)
- 7. Operation of lights
- 8. Tyre check – pressures and visual condition check
- 9. Sweep gear for damage/condition
- 10. Check and set nozzle gap, if required

COMMENTS:

PLEASE COMPLETE THE FOLLOWING IN BLOCK CAPITALS (DETAILS WILL BE ISSUED TO CERTIFICATE)

TRAINEE NAME _____

COMPANY / COUNCIL _____

DATE _____

MACHINE TYPE _____

TRAINEE SIGN _____

DGS TRAINER PRINT NAME _____

DGS TRAINER SIGN _____

OPERATOR TRAINING FORM DT03b

DRIVERS DAILY / END OF SHIFT CLEANING ROUTINE CHECKLIST

- 1. Hopper tipped off and filter / mesh screens removed and cleaned
- 2. Recirculation filters cleaned and tracts flushed through
- 3. Recirculation tank drained and cleaned ensuring pump flushed through
- 4. Nozzle suction duct cleaned, and debris removed
- 5. Nozzle box cleaned and debris removed from davit head
- 6. Under cab windows cleaned off
- 7. Radiator cleaned thoroughly
- 8. Final clean off all over vehicle

COMMENTS:

PLEASE COMPLETE THE FOLLOWING IN BLOCK CAPITALS (DETAILS WILL BE ISSUED TO CERTIFICATE)

TRAINEE NAME _____

COMPANY / COUNCIL _____

DATE _____

MACHINE TYPE TRAINEE _____

SIGN _____

DGS TRAINER PRINT NAME _____

DGS TRAINER SIGN _____



Ensure Diligence in Observing Good Working Practices Working on Compact Sweepers



Never access the centrifugal fan whilst engine is running or fan is rotating. Always switch off the engine and remove ignition key.

Be aware at all times when working around engine for rotating and hot parts. Take extreme caution when removing radiator cap, it can be hot and pressurised.

Never stand in front of or place feet near moving brushes. Keep clear of brushes/work area.

Do not direct hand lance at people or animals. Use extreme care when working on or setting up hydraulic and water pressures.

UNDER NO CIRCUMSTANCES work beneath an unpropped body, cab, engine or gearbox. ALWAYS USE THE BODY PROP.

When lifting the body always secure lifting 't' bar correctly before crantage. Always prop a body prior to working beneath.

Treat all Working Areas with Respect as Accidents can and do Happen!

F. 0048-2 0903



Ensure Diligence in Observing Good Working Practices



Working on Mid-Range Urban Sweepers

Never access the centrifugal fan whilst engine is running or fan is rotating. Always switch off the engine and remove ignition key.

Ensure the area at the rear of the machine is clear of personnel and obstructions before opening and closing the rear door.

Be aware at all times when working around engine for rotating and hot parts. Take extreme caution when removing radiator cap, it can be hot and pressurised.

Never stand in front of or place feet near moving brushes. Keep clear of brushes/work area.

Do not direct hand lance at people or animals. Use extreme care when working on or setting up hydraulic and water pressures.

UNDER NO CIRCUMSTANCES work beneath an unpropped body, cab, engine or gearbox. ALWAYS USE THE BODY PROP.

When lifting the body always secure lifting 't' bar correctly before craning.

Always prop a body prior to working beneath.

Treat all Working Areas with Respect as Accidents can and do Happen!

P. 0016-2 0903



Ensure Diligence in Observing Good Working Practices Working on Truck Mounted Sweepers



Be aware at all times when working around engine for rotating and hot parts. Take extreme caution when removing radiator cap, it can be hot and pressurised.

Ensure the area at the rear of the machine is clear of personnel and obstructions before opening and closing the rear door.

Never access the centrifugal fan whilst engine is running or fan is rotating. Always switch off the engine and remove ignition key.

Do not direct hand lance at people or animals. Use extreme care when working on or setting up hydraulic and water pressures.

UNDER NO CIRCUMSTANCES work beneath an unpropped body, cab, engine or gearbox. ALWAYS USE THE BODY PROP.

When lifting the body always secure lifting 't' bar correctly before crange. Always prop a body prior to working beneath.

Treat all Working Areas with Respect as Accidents can and do Happen!

PRODUCT INFORMATION BULLETIN

PI004

DPF REGEN AND ADBLUE AWARENESS – CX201 EURO 6

DIESEL PARTICULATE FILTER (DPF) INDICATION



When the DPF warning indicator illuminates the driver should drive the vehicle HARD with high engine revs OR sweep with high engine revs.

If the indicator does not go off within 30 minutes the driver should return to their depot and report the issue to Brighthouse Service Department on 01484400111.

If the vehicle is continued to be used with the DPF warning lamp illuminated the MI lamp (Malfunction indicator lamp) will illuminate as well as the DPF warning lamp. This indicates that the soot mass level in the exhaust system is at an abnormal level and regeneration should be initiated as a priority.

At this point a service intervention will be required to carry out the "Parked Regeneration" process to clear the DPF of the high soot mass. Contact Brighthouse Service Department on 01484400111 to arrange.

DRIVER WARNING SYSTEM INDICATION



If this warning symbol appears the driver should return to their depot as an intervention is needed.

If the vehicle goes into limp mode it is SAFE to drive the vehicle back to the workshops as the engine is shutting down to protect itself.

When the DWS lamp is illuminated (either constant or flashing), it indicates to the driver that a condition has occurred which compromises the vehicle emission control system.



Once back at the depot, contact the Service Department.

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