

DIAMOND LOGBOOK

Additional pages for plant inspection, desludge or authorised parts fitting.

SERVICING AND MAINTENANCE

The owner is responsible for the Diamond plant, ensuring that the effluent quality does not breach applicable discharge consent standards.

Plant Inspection Record

Please note once the plant inspection record is completed in the Diamond log book, please continue with the format outlined in this document.

Tank inspection

At a minimum, the tank should be inspected every six months. More frequent inspections may be required if mandated by local or national regulatory authorities, or if the tank is used in a non-residential application.

Blower inspection

Please refer to the specific instruction manual supplied with the air blower. Warranty is subject to the manufacturer's instructions.

De-sludging

This should be carried out by professionals holding the relevant permits to transport and dispose of sewage sludge. They will also be able to advise the correct de-sludge frequency by analysing the percentage of settled sludge (i.e. sludge volume) to the clear liquor

WARRANTY AND RECORD

Please keep a record of your servicing and maintenance in line with the warranty. The Diamond comes with 25 years tank warranty and a process performance guarantee for the life of the tank.

The warranty of the air blower (housed in the kiosk) is 2 years. Warranty is subject to the correct installation, consistent influent conditions and regular plant maintenance as per the manufacturers' instructions.

PLANT INSPECTION RECORD

The plant inspection list is a guide designed to ensure the treatment system is properly maintained throughout its life. Please tick each box once the item has been completed. Comments on unusual condition and subsequent remedial action taken must be added.

Date checked

AIR BLOWER & KIOSK			
1. Air Blower noise (lid on/off)		14. Air distribution pipework	
2. Air blower temp (37-40oC max)		15. Air diffuser condition	
3. Check oil level (DMC blowers only)		16. Settlement test below 70% sludge (Mixed Liquors Suspended Solids)	
4. Air filter condition/cleanliness		CLARIFYING CHAMBER	
5. Kiosk secure/dry/clean		17. Move scum to aeration chamber	
6. Kiosk venting		EXTERNAL PUMP CHAMBER (if fitted)	
7. Hose connection/condition		18. Clean pump chamber	
8. Electrical connections		19. Check operation of pump	
AERATION CHAMBER		20. Check non-return valve works	
9. Plant lid secure		21. Check high level float & beacon	
10. Odour		OUTLET	
11. Aeration turbulence		22. Outlet 'T' correctly orientated & obstruction free	
12. Liquor colour (brown)		SAMPLE CHAMBER (if fitted)	
13. Remove rags/fat		23. Sample colour/clarity	

Please document any unusual conditions observed and any remedial actions taken

Service company contract number

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Comments on unusual condition and subsequent remedial action taken:

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