

Kingspan Small Plant

PRE-COMMISSIONING CHECK LIST

Having agreed to a Kingspan commissioning it is important that the unit is ready for our engineer and to prevent any additional charges, please complete the following pre-commissioning check list. **“please be aware it can take 5-10days to organise”**

Date: _____ Product code: _____ Delivery date or order number: _____
 Site name: _____ Contact name: _____
 Email: _____ Contact number: _____
 Address: _____

(including postcode if possible):

General	Type of commissioning required and paid for:	Standard	Visual
	Has this unit been installed as per our installation and operational guidelines?	Yes	No
	Has the Inlet/Outlet connections been made and sealed?	Yes	No
	Is the water level up to the outlet?	Yes	No
	Is the tank free from rubble/building material?	Yes	No
	Is the panel/isolator located next to the tank?	Yes	No
	Has 110mm ducting along with draw strings been installed between tank and panel/isolator? <i>If the panel is situated more than 2mts from the unit, a suitable cable must be provided by the contractor.</i>	Yes	No
	Has the Panel/Isolator been Mounted securely and connected to mains power supply and made live?	Yes	No
	For aeration systems has the 110mm ducting and draw string for the airline been installed?	Yes	No
	Has a pump discharge been fitted?	Yes	No
	Has Pre-Commissioning Photos been attached of Unit Installation and Panel's?	Yes	No

Special Site Requirements	Is a site safety induction required?	Yes	No
	If so what is the average time?		Mins
	Is a permit required?	Yes	No
	Is access to the plant restricted? i.e. Under decking cover slabs etc.	Yes	No
	Any other site specific requirements please state here:		

If any of the above is not in place at the time our engineer is on site, or should any additional works outside the listed commissioning details be required (as per the scope of works), this may be subject to further charges.

Signed: _____ Position: _____
 Date _____

On completion a report will be issued highlighting any faults/recommendations. A commissioning certificate will be issued if all is in order. Having completed the above please sign and return to helpingyou@kingspan.com or fax to **0044 28 3836 4445**
 For further information please contact: UK Tel: **0844 846 0500** | IRL Tel: **048 3836 4600**

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COMMISSIONING DETAILS

It is important and part of planning/building regulation that you have your wastewater treatment equipment installed correctly and accompanied by an commissioning certificate.

Within the attached quote we offer two levels of commissioning, a '**Full Commissioning**' or '**Visual**'. Below we include details of each.

Full Commissioning

This requires that the unit has been installed by the main contractor in line with the provided installation guidelines.

This includes the following:

- Tank installed flat and level with safe working area around the perimeter.
- All incoming and outgoing pipework has been connected.
- Control panel has been fixed in a secure position with a live mains supply connected.
- All cables have been ducted and laid between the panel and treatment plant.
- All air lines provided have been ducted and laid to the treatment plant.

The following will then be carried out by a Kingspan Service Engineer.

- Check plant is level, 5mm tolerance.
- Confirm the ground around the plant is level, flat and that the lid securely fastens.
- BioDisc
 - Confirm the panel has been mounted correctly.
 - Make the required connections to the panel using correct glands.
 - Within the tank make all electrical connections.
 - Ensure all safety guards are fitted.
 - Set all greasomatics within the plant (if applicable)
 - Check belt/chain tension and alignment
 - Check pump float activates freely, (Pumped discharge only.)
 - Check operation of sludge return pump (Nitrification plants only)
 - Check direction of disc pack.
 - Check levels within the unit.
 - Test and set any alarms supplied with the unit.
- Bioficient/BioSafe/BioTec/HEQ As above plus:
 - Check the air blower is secure.
 - Set forward feed airlift (larger plants).
 - Make sure there is adequate air supply.
 - Connect all airlines and set valves.
 - Make sure BioZones have adequate air supply.
 - Wire and set timer solenoid for Sludge return (if applicable).

On completion we will provide a site specific commissioning certificate.

Visual

With all the above having been carried out by the main contractor a Kingspan service engineer will visit the site do a visual inspection of the install and if all is in order provide a site specific Commissioning Certification base on a visual inspection, if any issues arise these will be reported in writing to the contractor and once rectified the certificate issued.