

CHEM-MASTER SPIRAL TAILPIPE INSTALLATION INSTRUCTIONS

The Gas-Arc Chem-Master Spiral is manufactured from 316 Stainless Steel and offers grade 6.0 purity (99.9999%). All Spiral Tailpipes are fitted with ¼ NPT Female end connections to allow for the fitting of a wide range of inlet and outlet connections.



CAUTION – Read this instruction sheet before installing and using this product.

Only experienced and properly trained persons should handle compressed gases, they should be conversant with the relevant safety instructions including the current British Compressed Gases Association code of practice CP7 and the gas safety instructions from the gas supplier. The following assembly procedure must be adhered to.



CAUTION – Remove all packaging materials and any plugs/caps from all items.



WARNING - SAFETY POINTS

Carefully inspect the equipment for oil, grease and damaged or dirty parts.

NEVER:

- Exceed a maximum pressure of 300barg
- Use equipment if oil, grease or damaged parts are detected
- Allow cylinders to become heated
- Remove, change or modify any component parts
- Use on oxygen or any oxidising gas
- Twist or bend tighter than shown below
- Use an adjustable spanner or pipe wrench to tighten joints

ALWAYS:

- Check the whole system for damage and leaks at frequent intervals (every cylinder change)
- Remove the tailpipe if it is not supported by a cylinder; this will reduce the risk of accidental damage
- Works to BCGA codes of practice To purchase copies, telephone 01332 225120

Installation

Inspect the Spiral Tailpipe for damage and ensure that all fittings are secure. Fit the straight end of the spiral tailpipe to the control equipment. A suitable lubricant may be required with Stainless Steel fittings to prevent galling.

Fit the 90° bent end of the Spiral Tailpipe to the supply / cylinder. Ensure that the Spiral Tailpipe is not twisted and that it does not exceed the minimum bend radius show in figure 1.

Check that all connections are secure, turn on the gas supply and test for leaks using a suitable leak detection fluid.

Figure 1 – Acceptable Methods of Installation

