Recommended Cleaning and Flushing Procedure for Oral Evacuation Systems with Wet Separators

1. All dental chair suction tips must be flushed with water after each use and at the end of each day. If disinfectants are used, they must be compatible with other fluids collected, and the separator/system piping materials of construction. Water dilution is optimal for maintaining the integrity of wet separators, as it reduces the concentration of potentially harmful agents.

2. Separators are provided with automatic wash down solenoid valves. Once the vacuum system is shut down and the control panel wash down selector switch is in the “automatic” position, it will energize the wash down at a minimum of 3 minutes per separator. This procedure should be performed at the end of each day whenever the vacuum system has been utilized.

3. The separator is provided with a funnel and valve for manually pouring disinfectants into the separator when the vacuum producer is shut down. If used, the separator must be immediately flushed out using the automatic or manual wash down valves. For manual wash, open the manual upper and lower water wash down valves (with spring return) to flush the separator with water. After approximately 3 minutes, close the upper valve. If using the manual discharge, keep the lower valve open to continue whirlpool action; open the 4” quick-opening discharge valve to drain out the separator. Proceed with flushing action until the discharge water becomes clean. (If using the pump system to drain liquids, the pump should pump the separator contents to an amalgam separator or holding tank.) Then close the lower water wash down valve and let the separator drain out. Close the quick-opening discharge valve to the separator.

4. Refrain from using bleach or other chlorine containing disinfectants in the vacuum line system and separator. These have been shown to impede mercury collection in the amalgam separator and can cause rapid corrosion and failure of the vacuum wet separator/piping system.

5. All chemicals introduced to the system must be reviewed for chemical interaction and compatibility with system materials of construction. The customer is responsible for this review as The Spencer Turbine Company is not responsible for material compatibility.

6. The above recommendations are minimum operating requirements and may need to be revised based on the actual field operating conditions.

Customer is responsible for insuring that all materials collected are disposed of in accordance with all local, state and federal disposal regulations.