



## OVERHAUL SHEET – VCO 1000

### VALVE OVERHAUL PROCEDURE

On receipt at our workshop, each valve is assigned a unique overhaul serial number and a valve Inspection & Test Sheet is issued to each item.

Each valve, including the serial plate, is photographed. This ensures we have on record the current mounting arrangement of the valve, accessories, and tubing, plus original details as given by the factory from the serial plate.

Each valve is subjected to a seat leakage test and full functional test with the results being recorded on the Inspection & Test Sheet.

Valves are stripped down, cleaned, and all parts inspected for excessive wear or damage and all findings are recorded.

For each valve, all main components are marked with an individual valve code and all parts are stored together in a box marked with the overhaul serial number along with the original valve serial number and tag number.

From the Inspection and Test Sheet, a full report is issued to the client detailing the valve condition and parts to be replaced. Should there be additional parts required other than those included in the standard overhaul, the valve is placed into a quarantine area until acceptance is received from the client.

For all valves that are to have the overhaul completed, where deemed necessary the main components including valve body, yoke, actuator, mounting brackets, etc, are media blasted and painted in accordance with the GE Masoneilan surface preparation and finish specification CES 1036. Trim parts and fixings are cleaned and polished as necessary.

NOTE: For valves that the client decides are beyond economical repair but does not request Valvenco to supply the new replacement valve, an inspection charge of £100 per valve would apply.

The valves and accessories are reassembled using new parts as detailed on the enclosed product overhaul sheets.

Each valve is subjected to a seat leakage test, gland packing tightness test, and final functional test in accordance with GE Masoneilan procedures CES-1002, CES-1007, and CES-1008 respectively, with the results recorded on the Inspection & Test Card. NOTE: Pressure regulators are not subject to seat leakage test.

A tag plate is affixed to each valve showing the unique overhaul serial number.

Each completed valve is photographed.

A full service and test report is provided to the client for each item.