Ransburg

SERVICE INSTRUCTION
SI-08-17.1

# SERVICE INSTRUCTION

## DYNAFLOW
## START-UP REQUIREMENTS

| Inspector's Initials | For Ransburg Technical Service Call: (800) 233-3366 | |
|---|---|---|
| | **Before Start-Up (Site Inspection)** | |
| | DynaFlow Users, Parts, Maintenance and Troubleshooting Manuals available. | **Reference www.ransburg.com** |
| | Customer specific installation drawings available. | **for service manual information** |
| | Required power available the control enclosure, 120 VAC @ 4A or 240 VAC, 3A 50/60 Hz 1 Phase. | |
| | Ambient air temperature 32 to 150° F (0 to 65.5° C). | |
| | Required air available, 90 psi min., 150 psi max., filtered at 20 micron. | |
| | A fluid strainer/filter element size should be 100 mesh or per the recommendation of Ransburg Representative. | |
| | Fluid supply must be free from pulsation and surges. | |
| | Mount the fluid panel as feasibly close to the applicator. | |
| | Keep the distance of the transducer to the regulator as short as possible wile maintaining minimum signal length of 15 ft. | |
| | The control panel to the flow meter is not to exceed 100 ft. | |
| | Record the serial numbers and firmware version of channel and interface modules and operator software version. | |
| | Verify the dip switch settings of the channel and interface modules. | |
| | All power and E-stop switches in the off position. | |
| | PLC key switch in the off position where available. | |
| | Check all paint, solvent, and air lines for correct terminations. | |
| | Check incoming voltage for correct termination point. | |
| | Check all I/O terminations for proper terminations. | |
| | **Start-Up Requirements** | |
| | Visually inspect the entire system. Review the "Installation" section of the User manual. | |
| | Verify proper grounding requirements for all panels installed. | |
| | Verify that voltage selection switch setting matches the incoming voltage. | |
| | Turn on power at main disconnect and verify 120 VAC/50/60Hz/4 Amps or 240 VAC/50/60Hz/3 Amps at customer source. | |
| | Verify the correct voltage at control console. | |
| | Turn on the power switch and E-stop located on the operator interface panel. | |
| | Verify correct voltage at operator console and solenoid panel and that the operator interface is working properly. | |
| | Verify and establish parameter settings on screens of the operator interface. | |
| | Turn on main air and verify pressure and flow requirements, set the regulator to 100 psi. | |
| | Verify calibration and functionality of all transducers. | |
| | Turn on main solvent and ensure pressure and flow requirements. | |
| | Validate a "flush" or "purge" routine and optimize. | |
| | Turn on material supply and ensure pressure and flow requirements. | |
| | Validate a "load" routine and optimize. | |
| | Validate "run" or painting operation as per customers' configuration. | |
| | Verify calibration and functionality of flow meters. | |
| | Customer training. | |

NOTE: Additional information regarding applicator and/or its capability can be found in the corresponding service manual.
For "Spare Part Information" reference the applicator service manual.
**Always use genuine Ransburg replacement parts to assure maximum uptime with applicator.**

**Facility Representative:** _____ **Date:** _____

**Ransburg Representative:** _____ **Date:** _____

Manufacturing
1910 North Wayne Street
Angola, Indiana 46703-9100
Telephone: 260/665-8800
Fax: 260/665-8516
www.ransburg.com

Technical/Service Assistance Telephone: 800/ 233-3366 Fax: 419/ 470-2071

Technical Support Representative will direct you to the appropriate telephone number for ordering Spare Parts.



Form No. SI-08-17.1
Litho in U.S.A.