



2101 Calumet Street
 Clearwater, FL 33765
 (727) 461-3477 (800) 331-6870
 FAX: (727) 373-4014

COMMISSIONING AND DEMONSTRATION CHECKLIST FOR VOLUME EQUIPMENT

Customer Name: _____

Machine Serial # _____ / _____ / _____ Model: _____ Date of Installation: _____ / _____ / _____

N/A OK

- 1. Machine is grounded
- 2. Machine is level and stable
- 3. Steam venting meets Douglas guidelines
- 4. Filters fit securely
- 5. All electrical panel connections tightened
- 6. All thermostat probes in place
- 7. Thermostats set to specifications
- 8. All pump motors running clockwise
- 9. All fan motors running clockwise
- 10. Water supply temperature _____°
must be between 120° and 140°
- 11. Water supply pressure _____psi
- 12. Final rinse flow _____psi
must be between 20 and 30 psi at flow
- 13. Main supply voltage _____ Phase _____
- 14. Drains and overflows plumbed
- 15. Pictures have been taken of installation
- 16. Amps per phase at pre-wash tank elements
Element #1 _____/_____/_____
Element #2 _____/_____/_____
Element #3 _____/_____/_____
- 17. Amps per phase at wash tank elements
Element #1 _____/_____/_____
Element #2 _____/_____/_____
Element #3 _____/_____/_____
- 18. Amps per phase at rinse tank elements
Element #1 _____/_____/_____
Element #2 _____/_____/_____
Element #3 _____/_____/_____
- 19. Low water probe free of contact with t-stat lead

N/A OK

- 20. Amps per phase at final rinse tank elements
_____/_____/_____
- 21. Amps at Pre-wash gas blower motor
Motor #1 _____ Motor #2 _____
- 22. Amps at Wash gas blower motor
Motor #1 _____ Motor #2 _____
- 23. Amps at Rinse gas blower motor
Motor #1 _____ Motor #2 _____
- 24. Amps per phase at pre-wash pump motors
Wash Pump #1 _____/_____/_____
Wash Pump #2 _____/_____/_____
- 25. Amps per phase at wash pump motors
Wash Pump #1 _____/_____/_____
Wash Pump #2 _____/_____/_____
Wash Pump #3 _____/_____/_____
Wash Pump #4 _____/_____/_____
- 26. Amps per phase at rinse pump motors
Rinse Pump #1 _____/_____/_____
Rinse Pump #2 _____/_____/_____
- 27. Amps per phase at Exhaust fans
Entrance Fan _____/_____/_____
Center Fan _____/_____/_____
Exit Fan _____/_____/_____
- 28. Amps per phase at Blower motors
Blower #1 _____/_____/_____
Blower #2 _____/_____/_____
Blower #3 _____/_____/_____
Blower #4 _____/_____/_____
- 29. Amps per phase at drive motors
Hub/Belt/Carousel drive motor _____/_____/_____
Filter drive motor _____/_____/_____
Hold down drive motor _____/_____/_____
Return belt drive motor _____/_____/_____
- 30. Amps per phase at Hydraulic pump motor
_____/_____/_____
- 31. Hydraulic pump running pressure _____psi
- 32. Pre-wash tank jet pressure _____psi



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N/A OK

- 33. Wash tank jet pressure _____psi
- 34. Rinse tank jet pressure _____psi
- 35. Final rinse jet pressure _____psi
- 36. All Motor overload(s) set at proper setting
- 37. Total Machine running amps.
_____/_____/_____

SKIP TO #64 IF UNIT IS NOT GAS HEATED

- 38. Gas Supply Nat. _____ Propane _____
- 39. #1 Pre-Wash Gas Pressure In _____" Out _____"
Water column measured at full burn
- 40. #2 Pre-Wash Gas Pressure In _____" Out _____"
Water column measured at full burn
- 41. #1 Wash Gas Pressure In _____" Out _____"
Water column measured at full burn
- 42. #2 Wash Gas Pressure In _____" Out _____"
Water column measured at full burn
- 43. #1 Rinse Gas Pressure In _____" Out _____"
Water column measured at full burn
- 44. #2 Rinse Gas Pressure In _____" Out _____"
Water column measured at full burn
- 45. Final Rinse Gas Pressure In _____" Out _____"
Water column measured at full burn
- 46. Gas Nozzle(s) aligned to immersion tube(s)
Maxon burners only
- 47. Flame/Spark Rod(s) free of component contact
- 48. Water column on Pre-wash flue #1 _____"#2 _____"
Measured 6" above diverter
- 49. Water column on wash flue #1 _____"#2 _____"
Measured 6" above diverter
- 50. Water column on rinse flue #1 _____" #2 _____"
Measured 6" above diverter

N/A OK

- 51. Water column Final rinse flue #1 _____"
Measured 6" above diverter
- 52. Wash flue pipe size _____"
- 53. Rinse flue pipe size _____"
- 54. Final rinse flue pipe size _____"
- 55. Inducing fan installed on Pre-wash flue
- 56. Inducing fan installed on wash flue
- 57. Inducing fan installed on rinse flue
- 58. Inducing fan installed on final rinse flue
- 59. Pre-wash draft diverter size _____"
- 60. Wash draft diverter size _____"
- 61. Rinse draft diverter size _____"
- 62. Final rinse draft diverter size _____"
- 63. All burners working correctly

SKIP TO NEXT PAGE IF UNIT IS NOT STEAM HEATED

- 64. Pre-wash incoming steam pressure _____psi
- 65. Pre-wash steam trap size _____lbs
- 66. Wash tank incoming steam pressure _____psi
- 67. Wash tank steam trap size _____lbs
- 68. Rinse tank incoming steam pressure _____psi
- 69. Rinse tank steam trap size _____lbs
- 70. Final rinse incoming steam pressure _____psi
- 71. Final rinse steam trap size _____lbs
- 72. Main Steam supply pipe size _____dia
- 73. Returning the steam to boiler?
- 74. Using a condensate pump?



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COMMISSIONING AND DEMONSTRATION CHECKLIST FOR VOLUME EQUIPMENT
Customer Demonstration Checklist
Customer must be shown all that apply

- N/A OK 1. How to remove and clean filter baskets
- 2. How to clean immersion heaters or gas/steam immersion tubes
ensure power is off
- 3. How to remove end caps
- 4. How to clean out the jets
- 5. How to load product correctly
- 6. Location of Pre-wash jets
- 7. Location of wash jets
- 8. Location of rinse jets
- 9. Location of final rinse jets
- 10. Location of pre-wash thermostat and temp.gauge
- 11. Location of tank floats

- N/A OK 12. Location of wash thermostat and temp.gauge
- 13. Location of rinse thermostat and temp. gauge
- 14. Location of final rinse thermostat and temp gauge
- 15. Location of Pre-wash pressure gauge
- 16. Location of wash pressure gauge
- 17. Location of rinse pressure gauge
- 18. Location of final rinse pressure gauge
- 19. How to set hold down to correct height
- 20. Location of motor overload reset button(s)
- 21. Location of all breakers/fuses in control panel and their purpose
- 22. Location of MAIN power supply disconnect

This Demonstration has been completed to my satisfaction

Customer Name: _____ Title _____

Customer Signature _____

Customer Comments: _____

Service Company _____ Technician _____

Technician Comments: _____

