

# ANDERSON<sup>®</sup>

A Division of The Clark•Reliance Corporation

Section: A500
Bulletin: A500.04
Date: 2/15/97
Supersedes: 1/1/96

## INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS FOR ANDERSON CL SERIES SEPARATORS

### INSTALLATION INSTRUCTIONS

1. INSTALL THE SEPARATOR SO THAT THE DIRECTION OF FLOW CORRESPONDS TO THE FLOW ARROW ON THE VESSEL AND INLET AND OUTLET MARKINGS ON THE DRAWINGS. IF NEITHER AVAILABLE, CONSULT THE CATALOG OR THE FACTORY FOR PROPER INSTALLATION.
2. PROPER DRAINAGE OF THE SEPARATOR IS ESSENTIAL FOR PROPER OPERATION. CONNECT THE DRAIN TO A DRAIN TRAP, OR WHATEVER MECHANISM YOU INTEND TO USE IN ORDER TO REMOVE THE SEPARATED LIQUIDS FROM THE SEPARATOR. SHOULD THE TRAP OR DUMPING MECHANISM REQUIRE AN EQUALIZING LINE, OR INSTRUMENT SUPPLY GAS, THIS SHOULD BE CONNECTED TO THE VENT CONNECTION.
3. VERIFY BODY FLANGE IS SECURELY FASTENED. BUILD UP PRESSURE IN SYSTEM, CHECK ALL FIELD CONNECTIONS AND BODY FLANGE FOR LEAKS. IF LEAKS EXIST DE-PRESSURIZE SYSTEM AND REPAIR LEAK SITES BY APPROVED METHOD.

### OPERATING INSTRUCTIONS

1. ONCE THE ANDERSON SEPARATOR IS INSTALLED, IT NEEDS NO OTHER ACTION BY THE OPERATOR. THE SEPARATOR IS COMPLETE IN ITSELF, AND WILL FUNCTION WHENEVER THERE IS FLOW THROUGH THE SEPARATOR.
2. IF POSSIBLE, AN INITIAL CHECK OF DIFFERENTIAL PRESSURE SHOULD BE MADE ACROSS THE SEPARATOR. IF SOLIDS ARE PRESENT IN THE GAS, THE COALESCER CARTRIDGE WILL GRADUALLY BECOME PLUGGED AND DIFFERENTIAL PRESSURE WILL INCREASE.

### MAINTENANCE INSTRUCTIONS

1. THERE IS VERY LITTLE REQUIRED MAINTENANCE WITH THIS SEPARATOR, EXCEPT FOR THE COALESCER ELEMENT.
2. GENERAL REQUIREMENTS FOR COALESCER REPLACEMENT:
  - A. WHEN DIFFERENTIAL PRESSURE REACHES 2-3 PSI, OR
  - B. WHEN DIFFERENTIAL PRESSURE REACHES CUSTOMERS LIMIT, OR
  - C. ONCE A YEAR.
3. WHEN CHANGING COALESCER ELEMENT, OPEN UP DRAIN CONNECTION AND WASH OUT ANY DEBRIS.