

## INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS FOR ANDERSON LCC TYPE VERTICAL 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 FILTER 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 TOP 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. AN INITIAL CHECK OF DIFFERENTIAL PRESSURE SHOULD BE MADE ACROSS THE FILTER ELEMENT FOR REFERENCE. IF SOLIDS ARE PRESENT IN THE GAS, THE COALESCER CARTRIDGE WILL GRADUALLY BECOME PLUGGED AND THE DIFFERENTIAL PRESSURE WILL INCREASE.
3. SHOULD THERE BE ANY DOUBT AS TO THE AMOUNT OF LIQUID REMOVAL, IT IS RECOMMENDED THAT YOU CHECK YOUR LIQUID DUMPING SYSTEM FOR CORRECT OPERATION BY ALLOWING LIQUIDS TO BY-PASS THE TRAP OR OTHER SYSTEMS TO DETERMINE IF THE SYSTEM IS WORKING CORRECTLY.

### MAINTENANCE INSTRUCTIONS

1. THERE IS VERY LITTLE REQUIRED MAINTENANCE WITH THIS SEPARATOR, EXCEPT FOR THE PERIODIC REPLACEMENT OF THE COALESCER ELEMENT. **IMPORTANT: DO NOT BACK-FLOW THE COALESCING ELEMENT!!**
2. GENERAL REQUIREMENTS FOR COALESCER REPLACEMENT:
  - A. WHEN DIFFERENTIAL PRESSURE REACHES 5 PSID, OR
  - B. WHEN DIFFERENTIAL PRESSURE REACHES CUSTOMERS LIMIT, OR
  - C. ONCE A YEAR.

**INSTALLATION, OPERATION, AND MAINTENANCE INSTRUCTIONS  
FOR ANDERSON LCC TYPE VERTICAL SEPARATORS  
(CONTINUED)**

3. WHEN CHANGING COALESCER ELEMENTS, OPEN UP DRAIN CONNECTIONS AND BLOWDOWN / WASH OUT ANY DEBRIS.
4. USE ONLY ANDERSON SUPPLIED FACTORY WARRANTED COALESCING ELEMENTS. THE USE OF OTHER NON-FACTORY SUPPLIED ELEMENTS VOIDS ALL WARRANTIES OF THE EQUIPMENT SUPPLIED.
5. FOLLOW ALL LOCAL, STATE, AND GOVERNMENT CODES AND REGULATIONS WHEN ISOLATING AND DE-PRESSURIZING SEPARATOR FOR MAINTENANCE.
6. IF ANY DIFFICULTIES ARE EXPERIENCED WITH THE ANDERSON ACF FILTER, PLEASE CONTACT THE FACTORY FOR THE NAME OF AN AUTHORIZED REPRESENTATIVE CLOSEST TO YOUR SITE.

PHONE: (440) 572-1500    FAX: (440) 238-8828