ANDERSON®
A Division of The Clark•Reliance Corporation

INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS
FOR ANDERSON AVS & AVGS MODEL VANE SEPARATORS

INSTALLATION INSTRUCTIONS

1. INSTALL THE SEPARATOR SO THAT THE DIRECTION OF FLOW CORRESPONDS TO THE FLOW ARROW ON THE VESSEL, AND/OR THE 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. 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 AN 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 ACROSS THE SEPARATOR SHOULD BE MADE AND RECORDED AT THE DESIGN FLOWRATE. IF OVER TIME, THE SEPARATOR'S PERFORMANCE DECREASES, ANOTHER DIFFERENTIAL PRESSURE READING AT DESIGN FLOWRATE SHOULD BE MADE TO HELP DIAGNOSE THE PROBLEM.

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 NO REQUIRED MAINTENANCE WITH THIS SEPARATOR.

2. ONCE THE SEPARATOR HAS BEEN PLACED IN SERVICE, NO OTHER MAINTENANCE IS REQUIRED OTHER THAN NORMAL MAINTENANCE AFFORDED THE PIPING IN THE AREA TO PROTECT THE OUTSIDE FROM DETERIORATION BY CORROSION.

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