

# ANDERSON®

A Division of The Clark•Reliance Corporation

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## **INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS FOR ANDERSON CEH & EHF EXHAUST HEAD SEPARATORS**

### **INSTALLATION INSTRUCTIONS**

1. INSTALL THE SEPARATOR IN THE VERTICAL UPRIGHT POSITION. THE DIRECTION OF FLOW MUST BE VERTICAL UPWARDS. VERIFY CORRECT HOOK-UP BY THE FLOW ARROW ON THE VESSEL, OR THE INLET AND OUTLET MARKINGS ON THE DRAWINGS/FLANGES. 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.
3. PUT THE SEPARATOR/SYSTEM IN SERVICE, CHECK ALL FIELD CONNECTIONS AND FLANGE FOR LEAKS. IF LEAKS EXIST, BRING SYSTEM DOWN 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, OTHER THAN PERIODIC INSPECTION OF THE INTERNALS IS REQUIRED TO ASSURE THAT NO DAMAGE HAS OCCURRED BY POTENTIAL OVER PRESSURIZATION OF THE SYSTEM, OR BY AN INCOMING LIQUID SLUG. ALSO, THE DRAIN SHOULD BE CHECKED AND CLEARED SHOULD DEBRIS OR SEDIMENT BLOCK THE DRAIN.
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.

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