



FIRE SYSTEM LAYOUT:

- #1: DC-75 CYLINDER & BRACKET
- #2: UCH CONTROL HEAD WITH TIME DELAY AND MANUAL PULL STATION
- #3: COPPER ACTUATION LINE

WORK AREA: TANK #1 - DC-75
 TOTAL WORK AREA HAZARD: 24' X 13' X 9'
 NOZZLE MODULE: 9' X 13' X 7'
 TOTAL NOZZLES NEEDED TO PROTECT HAZARD: (2)
 TF NOZZLES:
 POSITION: 2'-0" MAXIMUM OFF-CENTER
 0"-6" BELOW CEILING
 MAX HAZARD: 15' WIDE X 7' LONG X 10' HIGH

PLENUM/DUCT: TANK #1 - DC-75
 DP NOZZLE:
 POSITION: 0" - 6" WITHIN PLENUM OPENING
 0" - 6" WITHING DUCT ABOVE FAN
 PLENUM/DUCT HAZARD: FILTER BANK/ DUCT
 ONE CHANGE OF DIRECTION
 TOTAL NOZZLES NEEDED TO PROTECT HAZARD: 2

SCREENING NOZZLE: TANK #1 - DC-75
 S NOZZLE:
 POSITION: 0" - 6" WITHIN BOOTH OPENING
 0" - 6" BELOW CEILING
 OPEN FACED HAZARD: BOOTH OPENING
 UNENCLOSABLE OPENING
 TOTAL NOZZLES NEEDED TO PROTECT HAZARD: 2

Reviewed For Code Compliance By:
 D. Banks Wallace
 Chief Deputy Fire Marshal
 06/26/2019 1:33:57 PM

FIRE SYSTEM SEQUENCE OF OPERATION:
 SYSTEM IS ACTIVATED BY HEAT DETECTORS OR REMOTE PULL STATION
 MICROSWITCH FOR ELECTRIC AND FAN SHUTDOWN
 IF EQUIPPED WITH HEATED DRYING, THE MECHANICAL GAS VALVE SHALL SHUTDOWN THE FUEL SUPPLY
 THE PNEUMATIC TIME DELAY ACTIVATES TO ALLOW FOR
 COMPLETE FAN SHUTDOWN AND EVACUATION OF THE SPACE
 AUTOMATIC CLOSURE OF PAINT BOOTH DOORS
 ACTIVATION OF THE AUDIO / VISUAL HORN-STROBE OR BELL OR
 ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM IF EQUIPPED

ANSUL MANUAL #: 418087-12		NOTES: 475 South Raleigh Street Angier, NC 27501
DRAWING #: 1 OF 1		
SCALE: NTS	DATE: 6/17/19	
DRAWN BY: JCA		

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