

SECTION 15077 - IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:

- 1. EQUIPMENT LABELS.**

PART 2 - PRODUCTS

2.1 EQUIPMENT LABELS

A. PLASTIC LABELS FOR EQUIPMENT:

- 1. MATERIAL AND THICKNESS: MULTILAYER, MULTICOLOR, PLASTIC LABELS FOR MECHANICAL ENGRAVING, 1/16 INCH THICK, AND HAVING PREDRILLED HOLES FOR ATTACHMENT HARDWARE.**
- 2. LETTER COLOR: WHITE.**
- 3. BACKGROUND COLOR: BLACK.**
- 4. MAXIMUM TEMPERATURE: ABLE TO WITHSTAND TEMPERATURES UP TO 160 DEG F.**
- 5. MINIMUM LABEL SIZE: LENGTH AND WIDTH VARY FOR REQUIRED LABEL CONTENT, BUT NOT LESS THAN 2-1/2 BY 3/4 INCH.**
- 6. MINIMUM LETTER SIZE: 1/4 INCH FOR NAME OF UNITS IF VIEWING DISTANCE IS LESS THAN 24 INCHES, 1/2 INCH FOR VIEWING DISTANCES UP TO 72 INCHES, AND PROPORTIONATELY LARGER LETTERING FOR GREATER VIEWING DISTANCES. INCLUDE SECONDARY LETTERING TWO-THIRDS TO THREE-FOURTHS THE SIZE OF PRINCIPAL LETTERING.**
- 7. FASTENERS: STAINLESS-STEEL RIVETS.**
- 8. ADHESIVE: CONTACT-TYPE PERMANENT ADHESIVE, COMPATIBLE WITH LABEL AND WITH SUBSTRATE.**

- B. LABEL CONTENT: INCLUDE EQUIPMENT'S DRAWING DESIGNATION OR UNIQUE EQUIPMENT NUMBER, DRAWING NUMBERS WHERE EQUIPMENT IS INDICATED (PLANS, DETAILS, AND SCHEDULES), PLUS THE SPECIFICATION SECTION NUMBER AND TITLE WHERE EQUIPMENT IS SPECIFIED.**

PART 3 - EXECUTION

3.1 PREPARATION

- A. CLEAN PIPING AND EQUIPMENT SURFACES OF SUBSTANCES THAT COULD IMPAIR BOND OF IDENTIFICATION DEVICES, INCLUDING DIRT, OIL, GREASE, RELEASE AGENTS, AND INCOMPATIBLE PRIMERS, PAINTS, AND ENCAPSULANTS.**

WEST NAVARRE INTERMEDIATE SCHOOL
5 CLASSROOM ADDITION

3.2 EQUIPMENT LABEL INSTALLATION

- A. INSTALL OR PERMANENTLY FASTEN LABELS ON EACH MAJOR ITEM OF MECHANICAL EQUIPMENT.
- B. LOCATE EQUIPMENT LABELS WHERE ACCESSIBLE AND VISIBLE.
- C. NAMEPLATES ON EXTERIOR EQUIPMENT SHALL BE ON THE NORTH SIDE OF THE EQUIPMENT TO PREVENT FADING FROM SUNLIGHT.

3.3 CLEANING

- A. CLEAN FACES OF MECHANICAL IDENTIFICATION DEVICES.

END OF SECTION 15077