

# SPECIFICATIONS

## **PART 1 – GENERAL**

### **1.1 SUMMARY**

A. *WORK INCLUDED: PROVIDE DUAL FACTORY-FABRICATED LADDER SAFETY POSTS.*

### **1.2 SUBMITTALS**

- A. *PRODUCT DATA: SUBMIT MANUFACTURER'S PRODUCT DATA.*
- B. *SHOP DRAWINGS: SUBMIT SHOP DRAWINGS INCLUDING PROFILES, ACCESSORIES, LOCATION, ADJACENT CONSTRUCTION INTERFACE, AND DIMENSIONS.*
- C. *WARRANTY: SUBMIT EXECUTED COPY OF MANUFACTURER'S STANDARD WARRANTY.*

### **1.3 QUALITY ASSURANCE**

- A. *MANUFACTURER: A MINIMUM OF 5 YEARS EXPERIENCE MANUFACTURING SIMILAR PRODUCTS.*
- B. *INSTALLER: A MINIMUM OF 2 YEARS EXPERIENCE INSTALLING SIMILAR PRODUCTS.*

### **1.4 DELIVERY, STORAGE AND HANDLING**

A. *DELIVER PRODUCTS IN MANUFACTURER'S ORIGINAL PACKAGING. STORE MATERIALS IN A DRY, PROTECTED, WELL-VENTED AREA. INSPECT PRODUCT UPON RECEIPT AND REPORT DAMAGED MATERIAL IMMEDIATELY TO DELIVERING CARRIER AND NOTE SUCH DAMAGE ON THE CARRIER'S FREIGHT BILL OF LADING.*

### **1.5 WARRANTY**

A. *MANUFACTURER'S WARRANTY: PROVIDE MANUFACTURER'S STANDARD WARRANTY. MATERIALS SHALL BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF FIVE YEARS FROM THE DATE OF PURCHASE. SHOULD A PART FAIL TO FUNCTION IN NORMAL USE WITHIN THIS PERIOD, MANUFACTURER SHALL FURNISH A NEW PART AT NO CHARGE.*

## **PART 2 - PRODUCTS**

### **2.1 MANUFACTURER**

- A. *BASIS-OF-DESIGN MANUFACTURER: TFCO DUAL LADDER SAFETY POSTS BY THOMPSON FABRICATING, LLC, 1411 COMMERCE PLACE, BIRMINGHAM, AL 35217,*
- B. *COMPLY WITH THE FOLLOWING:*

### **2.2 DUAL LADDER SAFETY POSTS**

- A. *FURNISH AND INSTALL WHERE INDICATED ON PLANS TFCO DUAL LADDER SAFETY POSTS. THE LADDER SAFETY POSTS SHALL BE PRE-ASSEMBLED FROM THE MANUFACTURER.*
- B. *PERFORMANCE CHARACTERISTICS:*
- 1. TUBULAR POSTS SHALL LOCK WHEN FULLY EXTENDED.*
  - 2. SAFETY POSTS SHALL HAVE CONTROLLED UPWARD AND DOWNWARD MOVEMENT.*
  - 3. POSTS SHALL HAVE MOUNTING BRACKETS TO FIT BOTH 1-1/2" STANDARD PIPE AND FLAT BAR STRINGERS.*
- C. *POSTS: SHALL BE MANUFACTURED OF 1-1/2" STANDARD ALUMINUM PIPE. A PULL UP LOOP SHALL BE PROVIDED AT THE UPPER END OF EACH POST TO FACILITATE RAISING THE POSTS.*
- D. *MATERIAL OF CONSTRUCTION: SHALL BE ALUMINUM WITH STAINLESS STEEL HARDWARE.*
- E. *BALANCING SPRING: A STAINLESS STEEL, CONSTANT FORCE, SPRING BALANCING MECHANISM SHALL BE PROVIDED TO PROVIDE SMOOTH, EASY, CONTROLLED OPERATION WHEN RAISING AND LOWERING THE SAFETYPOSTS.*
- F. *HARDWARE: ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL.*
- G. *FINISHES: FACTORY FINISH SHALL BE SAFETY YELLOW POWDER COAT WITH MILL FINISH BRACKETS AND HARDWARE.*

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

A. *EXAMINE SUBSTRATES AND OPENINGS FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.*

### **3.2 INSTALLATION**

- A. *INSTALL PRODUCTS IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPROVED SUBMITTALS. LOCATE UNITS LEVEL, PLUMB, AND IN PROPER ALIGNMENT WITH ADJACENT WORK.*
- 1. TEST UNITS FOR PROPER FUNCTION AND ADJUST UNTIL PROPER OPERATION IS ACHIEVED.*
  - 2. REPAIR FINISHES DAMAGED DURING INSTALLATION.*
  - 3. RESTORE FINISHES SO NO EVIDENCE REMAINS OF CORRECTIVE WORK.*

### **3.3 ADJUSTING AND CLEANING**

A. *CLEAN EXPOSED SURFACES USING METHODS ACCEPTABLE TO THE MANUFACTURER WHICH WILL NOT DAMAGE FINISH*