

SECTION 02514

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes the specifications for painting fire hydrants. All work shall conform to MDOT Standards and Specifications as modified by the Holland BPW. All non-itemized work shall be considered incidental.

1.2 SUBMITTALS

- A. Provide data on cleaning chemical, primer and paint to be used.

PART 2 - PRODUCTS

2.1 PRIMER AND PAINT

- A. RepcoLite Metl-Clad Gray Metal Primer 449173 or Holland BPW approved equal
- B. RepcoLite Glo-Enamel Safety Yellow Paint 408603 or Holland BPW approved equal

PART 3 - EXECUTION

3.1 PREPARATION

- A. Cut all vegetation over 4" in height to a minimum of 2' away from the hydrant.
- B. Subject the hydrant to a low-pressure, high volume water-based chemical cleaning.
- C. Using appropriate hand tools, completely remove all oil, grease, dirt, rust scale, loose mill scale, loose rust and loose paint and coatings.

3.2 PAINTING

- A. Final thickness of new paint must be 2.0 mils dry.
- B. Overspray or sloppy work will not be accepted.
- C. The paint shall not interfere with the operation of the hydrant. The caps must be able to be removed and replaced to the full extent of the threads on the nozzle.

3.3 COLOR-CODING

- A. Using reflective, self-adhesive tape, the bonnet base shall be color-coded in accordance with NFPA 291.
 - 1. Class AA Hydrant Safety Blue
 - 2. Class A Hydrant Safety Green
 - 3. Class B Hydrant Safety Orange
 - 4. Class C Hydrant Safety Red

- B. If and only if the hydrant's drain orifice is plugged, the cylindrical portion of the pumper nozzle cap shall be similarly color-coded.

3.4 FIELD QUALITY CONTROL

- A. A Holland BPW provided map will indicate hydrant class and plug status.
- B. The Contractor shall notify the Holland BPW a minimum of 24 hours prior to commencing painting activities and shall communicate daily progress.

END OF SECTION