

**SAN ANTONIO WATER SYSTEM  
SAN ANTONIO, TEXAS**

**Specifications For Full Brim Safety Hard Hat**

**January 4, 2012 REVISED September 13, 2013**

**1. SCOPE**

This specification covers all Safety Hard Hats worn by personnel who are involved in indoor and outdoor activities in Treatment Plants, Heating & Cooling Plants, Operations, Maintenance & Construction, including monitoring, maintenance, and repair of SAWS distribution and collection systems located in all traffic areas and open field areas.

**2. GENERAL REQUIREMENTS**

ANSI Z89.1 – 2009 Type 1, Class E

Must have attachment points for chin strap. Must have slots built into hat for attaching ear muffs and face-shield bracket. Manufacturer of the hard hat must also produce the accessories listed below that match the hard hat, and/or the hard hat must be compatible with universal-type accessories, as listed below.

**Description:**

**Material:** High-Density Polyethylene (HDPE) or Polycarbonate shell

**Brim:** Full Brim

**Suspension:** Four (4)-point minimum with brow pad, and rotating ratchet for size adjustment

**Color:** Available in both Yellow and White

**Accessories Description:**

**Chin Strap:** Elastic, Adjustable, 2-pt or 4-pt attachment

**Neck Flap Sun-Shade:** 100 % Cotton Fabric, attaches to brim

**Sun Shield:** Attachable to the brim

**Replacement Suspension:** 4-pt minimum, with brow pad and rotating ratchet

**Winter Liner:** 100% cotton, fire-retardant, di-electric, flannel or fleece lining, chin strap or equivalent means of securing, attaches to hardhat suspension.

**Face-Shield Bracket:** For standard visor (nominally 15.5" x 8"), attaches to brim, plastic, nylon or metal, di-electric, with spring for flipping visor open or closed

**3. APPROVED MANUFACTURERS AND MODELS:**

**Manufacturer**

**Model**

1. Mine Safety Appliances (MSA)

V-gard 475366 (Yellow) 475369 (White)