

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

Specifications For Disposable Coveralls

Revised February 27, 2013

1. **SCOPE**

This specification covers a disposable coverall suit to provide a protective barrier from a variety of particles, and light splashes of oil-based and water-based liquids.

2. **GENERAL REQUIREMENTS**

Suit will be a composite of breathable and non-woven fabric to provide protective barrier against particles, and light splashes of oil-based and water-based liquids. Fabric to be lightweight, yet soft and strong, anti-static treated with serged seams. Coverall will have attached elastic hood (compatible with standard full face respirators), attached slip-resistant booties, elastic at wrists, and front zipper. Coverall color preference is white.

Physical Property Data

Basis Weight: 1.9 oz/yd² or less

Breaking Force and Elongation (Grab Test) by ASTM D5034:
18 lbs machine direction (MD), 16 lbs cross direction (minimums)

Flammability by 16 CFR 1610.4: Class 1 (Normal Flammability)

Burst Strength: 30 psi (minimum) by ASTM D774 (Mullen Burst)
and/or 25 psi (minimum) by ASTM 3787 (Ball Burst)

Sizing of coveralls: Small through 5XL

3. **APPROVED MANUFACTURERS AND MODELS:**

Lakeland MicroMax NS CTL-414
Dupont Tyvek TY 122S WH

Must submit sample product and testing specifications for alternatives