

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

Specifications For Full Body Fall Protection Harness

Revised July 9, 2013

1. SCOPE

This specification covers Full Body Harnesses meeting specifications as stated, for employees to climb tanks/tank ladders, enter confined spaces, and other circumstances where personal fall protection is needed.

2. GENERAL REQUIREMENTS

ANSI/ASSE Z359 – 2007

Description: Harnesses must meet ANSI/ASSE Z359-2007 standards. Harnesses must be compatible with the SAWS Engineering Department-specified DBI-Sala® Lad-Saf Ladder Safety System, and therefore must be manufactured by DBI-Sala®.

Physical Property Data:

1. Material: The fabric must be synthetic (e.g., polyester) to wick away moisture from the wearer's skin, and be easy to wash and dry. The webbing must be moisture and abrasion resistant.
2. Body Support: Harnesses will incorporate features to provide for maximum comfort, to include webbing (versus straps) and padding. Must have a capacity of at least 420 pounds for a worker and tools.
3. Connectors: Connectors must be easy to use and durable, to include Pass-Thru Buckles, Quick Connect Buckles, or Revolving Strap Adjusters. Must buckle criss-cross across the chest.
4. D-Rings: Harnesses must have a total of four (4) D-rings: one (1) attached to the back, one (1) attached to the front, one (1) attached to the left side, and one (1) attached to the right side.
5. Shoulder D-Rings: No shoulder D-rings are approved for these Harnesses.
6. Hardware: Hardware shall be corrosion resistant.
7. Weight of Harness: approximately 4.5 pounds.
8. Sizing: Various sizes must be provided to accommodate the different heights and weights of wearers (Small, Medium, Large, X-Large, XX-Large).
9. Trauma Straps: Integrated trauma straps must be attached to each harness.

3. APPROVED MANUFACTURERS AND MODELS:

<u>Manufacturer</u>	<u>Model</u>
DBI-Sala	Exofit NEX Cross-Over Harness with front/back/side D-rings 1113118 – XX-Large size 1113115 – X-Large size 1113112 – Large size 1113109 – Medium size 1113106 – Small size