

PART E

SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E2. GOODS

E2.1 The Contractor shall supply and deliver desiccant in accordance with the requirements hereinafter specified.

E2.2 Item No. 1 – molecular sieves shall be beads (Model # K-4 Kemp cat # 1261907) with a bead size of 4-8M in a seventy (70) pound drum pac.

- (a) shall have a high adsorption capacity, lower relative humidity than either an activated alumina or silica gel;
- (b) lower adsorption capacity, at high relative humidity;
- (c) higher temperature for regeneration;
- (d) “Sieves” molecules based on size and configuration, molecular sieves are used to adsorb specific molecular types; and
- (e) Molecular sieves designed specifically for natural gas applications

E2.3 Item No. 2 – silica gel shall be granular (Model # K-3 Kemp cat # 1262234) with a bead size 3-8M in a three hundred (300) pound drum pac.

- (a) shall have a adsorption capacity in heat regenerated dryers due to high loading rates and relative humidity;
- (b) breaks down in the presence of liquid water;
- (c) highly resistant to hydro-thermal aging promoting longer desiccant life; and
- (d) low regeneration temperature requirements lower the cost of heating the bed.

E3. DELIVERY

E3.1 Goods shall be delivered, f.o.b. destination, freight prepaid, to:

South End Water Pollution Control Centre
100 Ed Spencer Drive
Winnipeg, MB

E3.1.1 Goods shall be delivered within thirty-five (35) Business Days of the placing of an order, except where otherwise agreed at the time of ordering.

E3.2 Goods shall be delivered between 7:30 a.m. and 3:00 p.m. on Business Days.