

GTP "STX, SVX & SFX" Series

CENTRIFUGAL SEPARATORS

Specification 01600070 Rev. A

Written: April 2007

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✦ 1.0 DESCRIPTION

1.1 CENTRIFUGAL SEPARATOR: Shall be manufactured by General Treatment Products, or approved equal and shall be complete with true tangential entry, extended purge chamber, vortex tube stabilizer and solids deflection hood. Separator shall be rated 150PSI at 200 Degrees F.

✦ 2.0 MATERIALS & FEATURES

2.1 TANGENTIAL ENTRY: Separator shall be manufactured with true tangential entry. Non-Tangential entry or inlet flow diverters can cause forced pressure loss and can cause ineffective forced pressure loss.

2.2 SOLIDS DEFLECTION HOOD: Separator shall be equipped with General Treatment Products Proprietary solids deflection hood causing minimal 1.5 time velocity increase, similar to reduced body diameters to aid in heavier than water solids removal.

2.3 VORTEX TUBE STABILIZER: Separator shall be equipped with General Treatment Products Proprietary vortex tube stabilizer aiding calm, efficient flow patterns of cleansed discharge liquids.

2.4 EXTENDED PURGE CHAMBER: Separator shall be have a extended purge chamber utilizing lower head and 2 inches of separator body. Allowing for less routine maintenance and averting system downtimes due to clogging.

2.1 BODY: Separator body shall be a minimum of 10 gauge mild steel and 2:1 semi-elliptical SA414 G heads.

2.2 CONNECTIONS: Separator "STX" connections shall be male national pipe thread end connections. Select from optional fittings to follow.

"SVX" Victaulic grooved end pipe fittings

"SFX" 150# Raised face pipe flange fittings

2.3 PAINT: Separator shall be coated with oil based enamel paint.

2.4 OPTIONAL FEATURES: Select from the following.

Code "CO2" 2" NPT clean out port

Code "RD__" Flanged removable dome for interior inspection

Code "RPC__" Victaulic groove removable purge chamber for purge inspection

Code "ASME" Separator welded to ASME code

Code "316S" Separator made from 316 stainless steel material

✦ 3.0 WARRANTY: General Treatment Products Separators are guaranteed for two years from date of shipment against manufacturing defects in material and workmanship which develop in the service for which they are designed. We will repair or replace a defective part of this system when returned to our factory with freight prepaid; providing that the part is found to be defective upon inspection. We assume no liability for labor and/or other expenses in making repairs or adjustments.

✦ 4.0 DIMENSIONS & WEIGHTS: Visit us at www.gtpcompany.com for dimensional drawings and weights.

P.O. Box 8697, Brea, CA 92822-5697 ♦ Phone: 714) 257-9165

266 Viking Ave., Brea, CA 92821 ♦ Fax: 741) 257-9215

📧 www.gtpcompany.com ♦ customerservice@gtpcompany.com 📧