

GTP "TCS & SPS" Series

SEPARATOR SYSTEMS

Specification 01600075 Rev. A



Written: April 2007
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★ 1.0 DESCRIPTION

1.1 SEPARATOR SYSTEMS: Shall be manufactured by General Treatment Products, or approved equal and shall be complete with tangential entry separator, cast iron end suction pump, manufactured pump pre-strainer with perforated basket, solid removal/liquid recovery tank with perforated basket/filter bag and control panel. Separator system shall be factory plumbed, tested before shipment and be rated 150PSI at 200 Degrees F.

★ 2.0 MATERIALS & FEATURES

2.1 SEPARATOR SYSTEM: Shall be selected by flow rate and installation. Installation options are:

- "TCS" Tower Basin Cleaning, 90 TDH
- "SPS" Side Stream Cleaning, 45 TDH

Flow Rate options are:

- | | | |
|----------------------------------|----------------------------------|-----------------------------------|
| <input type="checkbox"/> 40 GPM | <input type="checkbox"/> 275 GPM | <input type="checkbox"/> 1200 GPM |
| <input type="checkbox"/> 65 GPM | <input type="checkbox"/> 325 GPM | <input type="checkbox"/> 1800 GPM |
| <input type="checkbox"/> 100 GPM | <input type="checkbox"/> 450 GPM | <input type="checkbox"/> 2500 GPM |
| <input type="checkbox"/> 175 GPM | <input type="checkbox"/> 550 GPM | <input type="checkbox"/> 3100 GPM |
| <input type="checkbox"/> 200 GPM | <input type="checkbox"/> 850 GPM | <input type="checkbox"/> 4800 GPM |

2.2 SEPARATOR: Separator shall be manufactured with true tangential entry and have GTP proprietary features, such as solids deflection hood, vortex tube stabilizer and an extended purge chamber.

2.3 PUMP: Separator system pump shall be close coupled cast iron pump head with high efficiency motor.

2.4 PUMP PRESTRAINER: Pump pre-strainer shall be constructed of carbon steel with bolted steel lid and removal handles. Strainer comes complete with 3/16" stainless steel perforated basket, epoxy lining and air release valve.

2.5 RECOVERY TANK: Separator system cleansed water recovery tank shall be constructed of carbon steel with bolted steel lid and removal handles. Recovery tank is complete with 3/16" stainless steel perforated basket, epoxy lining, air release valve and 25 micron filter bag.

2.6 CONTROL PANEL: Separator system control shall be NEMA 4 and have pump motor starter and overload, voltage transformer, main power switch and LED indicator light, pump H/O/A switch with LED indicator light, red LED service indicator and terminal block. Easy to read terminal block and wiring diagram will be enclosed in all control panels. All interconnecting wiring will be of ample size as according to local wiring standards.

2.7 PLUMBING: Separator system main plumbing shall be black iron or carbon steel. Separator to recovery to strainer shall be connected with brass hose barbs and industrial black hose.

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

2.9 OPTIONAL FEATURES: Select from the following.

- Code "MP" Motorized Purge Kit
- Code "LP22" 22 1/2° Low Profile Mount
- Code "LP45" 45° Low Profile Mount
- Code "RD__" Flanged removable dome for interior inspection
- Code "RPC__" Victaulic groove removable purge chamber for purge inspection

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- ✦ 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.

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