**MATERIALS of CONSTRUCTION**

LEEM/LSS offers a variety of proven metallic filter media including NEVA-CLOG, POR-O-SEPTA, WEDGEFLOW®, and woven screen cloths in a variety of meshes. Alloys are stainless steel and alloys of greater corrosion resistance.

**UNDERDRAIN DESIGNS**

Proven designs are manufactured to provide maximum strength and flow with minimum pressure loss. This service is available both for new installations and the modernization of existing facilities for increased economies.

From process flow sheets, LEEM/LSS FILTRATION engineers will evaluate and design underdrain assemblies to meet your specific needs.

Let LEEM/LSS FILTRATION Engineer and Design Your:

- Beam Supports
- POR-O-SEPTA support screens
- Wire Cloth filter media
- WEDGEFLOW® filter cap type filter media
- Sealing and hold down assemblies
- MULTI-GRATE sub-supports and retaining rings
- NEVA-CLOG filter media
- WEDGEFLOW® lateral type filter media
- WEDGEFLOW® flat type filter media

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The properly designed underdrain must:
- Be structurally sound
- Allow maximum vessel capacity of granular media
- Uniformly support the load over its entire surface area
- Retain the finest granules and resist clogging
- Provide minimum pressure loss and/or uniform drainage
- Be of corrosion-resistant material to insure long service life, especially in inaccessible locations or hazardous service
- Permit backwash, regeneration in place or hydraulic discharge
- Eliminate the need for subfill

APPLICATIONS:
Activated Carbons • Ion Exchange Resins • Sand
Molecular Sieves • Catalysts • Silica Gels
Desiccants • Other Packing Materials

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