ABASCO was established in 1975 providing environmental application products and services directed at meeting today's market demands for improved water quality and protection. With years of experience providing water treatment baffles, we can use our expertise offering standard products and engineered solutions for robust applications.

ABASCO baffles include lagoon baffles, clear well, tank and reservoir baffles used in industrial and municipal water treatment facilities by establishing an effective treatment area and detention time. Ultimately, ABASCO baffles are an economical way to treat water at your facility utilizing new construction or existing infrastructure with sizable benefits in most applications.

ABASCO has been providing customized floating baffle systems for years that address more robust applications:

- Corrosive water conditions
- Substantial water level variations
- High wind conditions

Using proprietary designs, ABASCO can engineer baffle systems for these more demanding baffle applications. Our product specialists will secure the right information so the system can be reviewed to meet the more challenging design criteria.



Additional Products and Services:

- Engineering Support
- Temporary Storage Tanks
- Installation Support
- Industrial Oil Skimmers
- Debris Barrier
- Containment Boom



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ABASCO provides multiple lagoon style baffle system designs depending upon your application requirements. ABASCO provides all accessory items and anchors as required for complete packages.

ABASCO Light Duty Baffle Standard Features:

- 35oz PVC Fabric
- 6” to 8” Floats
- 20’ Water Depths
- 5/16” HG Chain Ballast

Applications: Shorter term with light operating conditions and upgrades available upon request

Baffle Benefits and Features:

- Baffles increase hydraulic retention time (HTR) by controlling flow and circulation in water treating ponds to eliminate dead zones.
- Baffles create bio-separators using serpentine hydraulic flow patterns preventing short circuiting.
- Baffles reduce Biological Oxygen Demand (BOD), Total Suspended Solids (TSS) and other benefits.

ABASCO Medium Duty Baffle Standard Features:

- 30oz Elvaloy Coated Fabric
- 6” to 12” Floats
- 5/16” SS Top Tension Cable
- 3/8”; 1/2” or 5/8” HG Chain Ballast
- Up to 50’ Water Depths
- Options available based upon application

Applications: Longer term with standard operating conditions and custom features upon request



ABASCO Heavy Duty Baffle Standard Features:

- 30oz Elvaloy Coated Fabric or heavier
- 8” to 12” Floats
- Dual 5/16” SS Top Tension Cable
- 1/2”, 5/8”, dual or mid depth HG Chain Ballast
- Up to 80’ Water Depths
- Options available based upon application

Applications: Longer term with more robust operating conditions such as high winds, sizable water level adjustments or active treatment zones

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