

QUESTIONS FOR TOWER PLANNING

- 1. How old are the tower's currently installed internals?**
- 2. At what capacity is your tower or drum running?**
 - It is helpful for WMP to know what capacity you are currently running and what increased capacity will be needed for your new target.
 - Knowing your current capacity limits, reliability concerns, and future needs enables WMP to improve process internal equipment selections.
- 3. At what capacity do you want your tower or drum to run?**
 - Based on your existing and desired flow capacity, WMP can recommend and design improvements. These improvements might include mist eliminator modifications or using different internal process equipment like engineered knitted mesh layers or chevron vanes. Our team can also suggest improved inlet devices, fixed trays, or grid packing to reduce fouling, along with other design changes.
- 4. Are you interested in de-bottlenecking options?**
 - WMP can review existing process internals inside your towers and drums and suggest alternate internal equipment improvements, often without welding to the vessel.
- 5. Are you interested in replacing old trays with newer improved trays?**
 - Based on current flow and desired future flow, WMP can often recommend improved trays for additional capacity and efficiency without major tower or drum modifications. Whether it is a new design, improvements on an existing design, or replacement in-kind of your existing design, WMP can assist in your needs.
- 6. Are you interested in process flow improvements?**
 - WMP can recommend a variety of improvements to improve process flow conditions, output and reliability.
 - Sometimes going to increased tray passes or converting to packings can improve capacity by replacing old trays with newer, improved process internals.
 - Regardless of the situation, WMP can review your current internals and process conditions to recommend a better solution.
- 7. Do you have any prints, pictures or recent inspection reports of your tower or drum?**



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