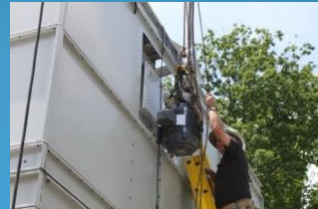


Maintainability / Hygiene / Safety



Maintainability / Hygiene / Safety

- Proper access and cleanability are key
- When choosing heat rejection, consider the following:
 - Fan and Drive System
 - Water Distribution System
 - Heat Transfer Surface
 - Cold Water Basin



Maintainability / Hygiene / Safety

- Access platforms and ladders



Maintainability / Hygiene / Safety

- Water distribution system



Maintainability / Hygiene / Safety

- Common features in crossflow cooling towers



Maintainability / Hygiene / Safety

- Common features in counter-flow cooling towers

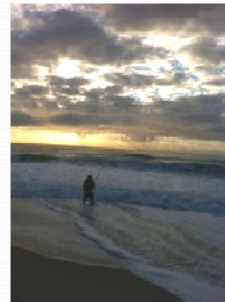


Longevity



Longevity

- Understand application
 - Water quality
 - Local air quality (i.e., coastal location)
- Open circuit cooling towers
- Closed circuit cooling towers
 - Isolate the rest of the system by closing the cooling loop
 - Less maintenance
 - Higher, more consistent thermal performance over time



Longevity

- Wide array of material of construction options available
 - Galvanized steel
 - Stainless steel
 - Type 304
 - Type 316
 - Fiberglass
 - Pultruded Composite Structure (PCS)



Sound

