

# **bayindustrial** Lunch & Learn Topic Selection Sheet

<b>Heat Exchangers</b>	
Plate & Frame	
Brazed Plate	
Double Wall Plate	
Shell & Tube	
Shell & Coil	
Plate & Frame Vs. Shell & Tube	
Hairpin	
Carbon Block / Carbon Shell & Tube	
Plate & Shell	
Intercoolers & Aftercoolers	
Low Fouling (spirals, wide gap)	

<b>Coils</b>	
Air Cooler Design	
Steam Coils	
Hot / Chilled Water Coils	
Condensers / Evaporators	
Gas Compression Coolers	
Unit Heaters	

<b>Wet Surface Air Coolers</b>	
WSAC Process Cooling	
WSAC Condensers	
WSAC vs Cooling Tower & HX	

<b>Steam Specialties</b>	
Steam Traps	
Regulators & Control Valves	
Condensate Removal Systems	
Air Vents & Liquid Drainers	
Humidification Systems	
Relief Valves	

<b>Packaged Systems</b>	
Domestic Hot Water Generating Stations	
HVAC Pumping & Heat Transfer Systems	
Process Cooling Water Systems	
Condensate Removal Systems	
Prepackaged Chiller & Boiler Plants	
Domestic Water Booster Pump Packages	

<b>Instrumentation &amp; Control</b>	
Thermometers	
Pressure Gauges / Diaphragm Seals	
Thermocouples & RTD's	
Control Valves	

<b>Pre-Insulated Pipe</b>	
Direct Bury	
Above Ground	
Heat Tracing	
Leak Detection	

<b>Heat Recovery</b>	
Gas/Gas	
Gas/Liquid	
Liquid/Liquid	

<b>Process Cooling</b>	
Air & Water Cooled Chillers	
Open Loop / Closed Loop Process Cooling	
Cooling Towers	

<b>Electrical Cooling</b>	
Transformer Coolers	
Generator & Motor Coolers	
Shell & Tube Coolers	
Double Wall & Leak Detection	
Bearing Coolers	

<b>Electrical Heating</b>	
Hot Oil & Water Heating Systems	
Boilers & Steam Generators	
Process Heaters	
Component Heaters	
Heat Trace Cable & Accessories	
Industrial Comfort Heaters (Unit Heaters)	
Thermostats & Controls	

<b>Separator / Filters</b>	
Fuel Gas Conditioning	
Steam Separation	