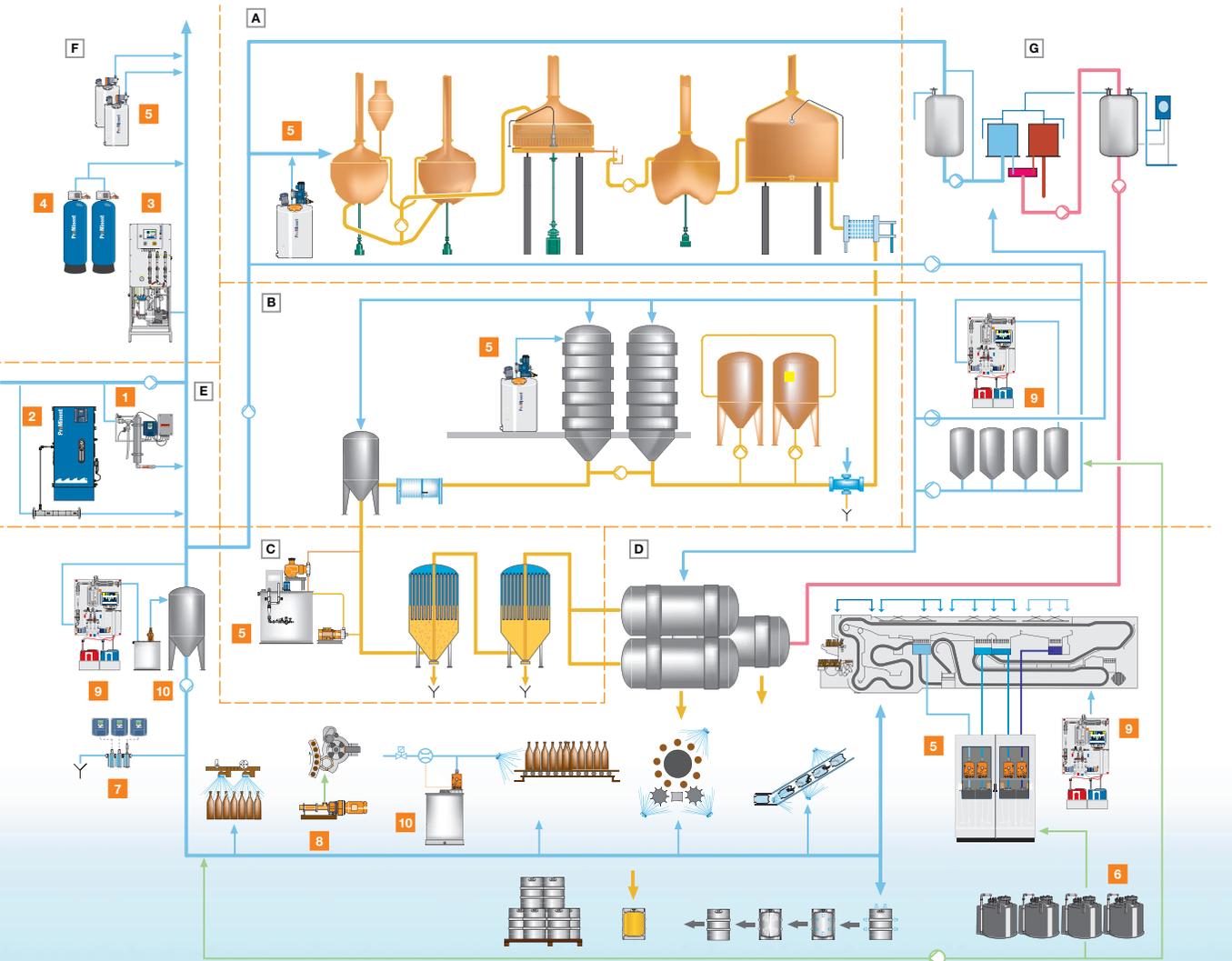


- A** Brewhouse
- B** Fermentation/storage cellar
- C** Filtration
- D** Filling/packaging
- E** Total water treatment
- F** Boiler house/engine room
- G** Soft drinks

Process optimisation integrated solutions

ProMinent comprehends the processes in the beverage industry. We've been working for leading beverage manufacturers and their supply industry for years. For us, process optimisation isn't just a catchword, it's part of our daily life: from the unpacker, through bottle washer, filler, CIP and syrup room, ProMinent technologies ensure the highest level of efficiency, quality, and operational and product safety.



- A Brewhouse**
 - Dosing of brewing gypsum, propionic acid, lactic acid, enzymes
 - Dosing of bitter substances and hop oils
- B Fermentation / storage cellar**
 - Dosing of colourant malt extract and yeast nutrients
 - CIP of fermentation and storage tanks, yeast propagation
- C Filtration**
 - Dosing of kieselgur/PVPP
 - CIP of pressure tanks
- D Filling / packaging**
 - Proportional dosing of belt lubricant
 - Disinfection of the bottle conveyors
 - Disinfection, inhibitor and softener dosing on the pasteuriser
 - Disinfection/chemical dosing for bottle washer
 - Keg cleaning/disinfection
 - Disinfection in the bottle/can rinser
 - Disinfection filler jetting, filler external cleaning, glass splinter safety shower
 - Bottle cap disinfection
 - Central adhesive dosing for labelling
 - Surface disinfection of system components
 - Storage and transfer of chemicals
- E Total water treatment**
 - Disinfection/sterilisation of potable water and service water
 - Cleaning/disinfection of pipes for potable and process water
 - Neutralisation of wastewater
- F Boiler house / engine room**
 - Softening/inhibitor dosing in boiler feed water treatment
 - Disinfection in the cold water circuit
 - Cooling tower/cooling water treatment
- G Soft drinks**
 - Cleaning and disinfection of plant components, tanks
 - Cleaning/disinfection of fruit presses
 - Dosing of ingredients

- 1** Disinfection system Dulcodes UV
- 2** Ozone production plant OZONFILT® OZVa
- 3** Osmosis plant Dulcosmose® reverse
- 4** Water softener DOUCEMAT®
- 5** Application-specific dosing systems
- 6** Chemical storage depot in accordance with WHG (Water Management Act)
- 7** Measurement and control equipment DULCOMETER®/DULCOTEST®
- 8** Transfer pumps Spectra
- 9** Chlorine dioxide generating plant Bello Zon®
- 10** Proportional dosing system gamma/ DOS

For more information, visit:
www.prominent.com/beverages