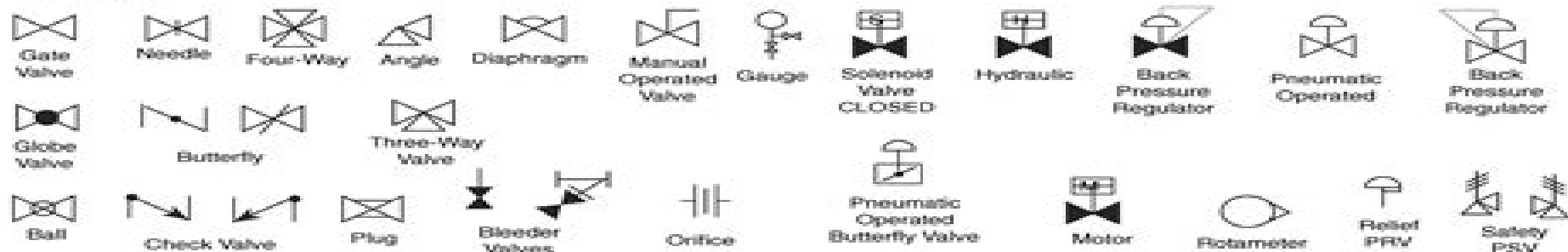
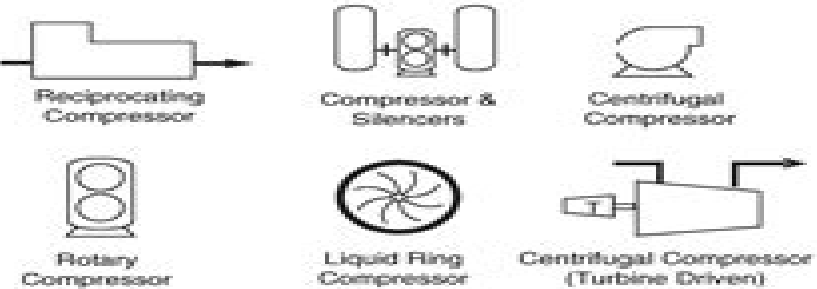


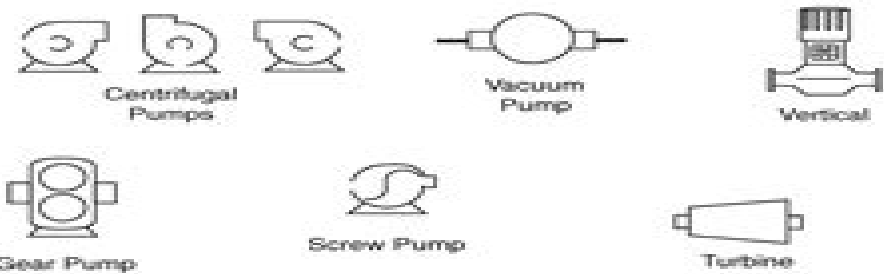
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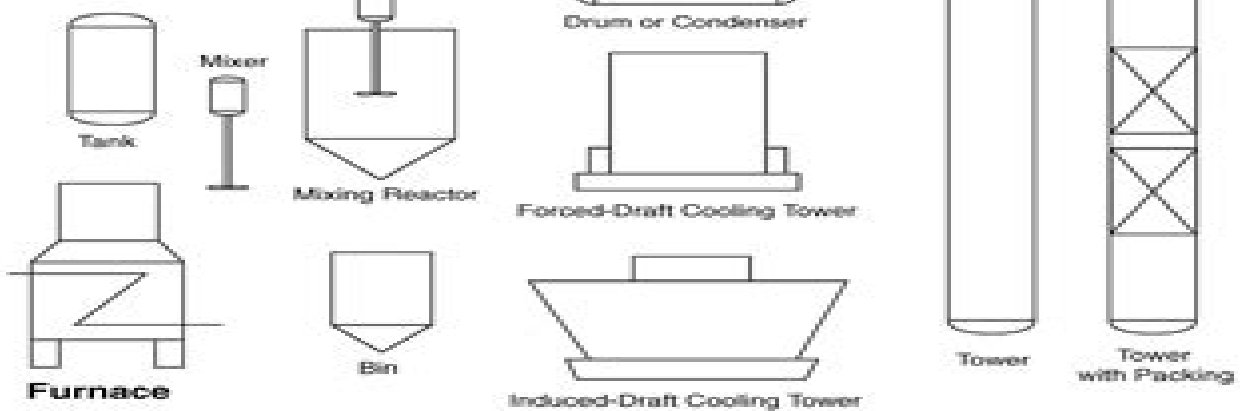
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LINE SYMBOLS

Future Equipment	-----
Major Process	=====
Minor Process	=====
Pneumatic	///
Hydraulic	--- ---
Capillary Tubing	xxxxxxx
Electromagnetic Signal	~~~~~
Electric	-----

VESSELS



TI	Temp Indicator
TT	Temp Transmitter
TR	Temp Recorder
LI	Level Indicator
LT	Level Transmitter
LC	Level Controller
FI	Flow Indicator
FT	Flow Transmitter
FR	Flow Recorder
PI	Pressure Indicator
PT	Pressure Transmitter
PC	Pressure Recording Controller

Ansi Piping Instrumentation Diagram Symbols

Bela G. Liptak



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