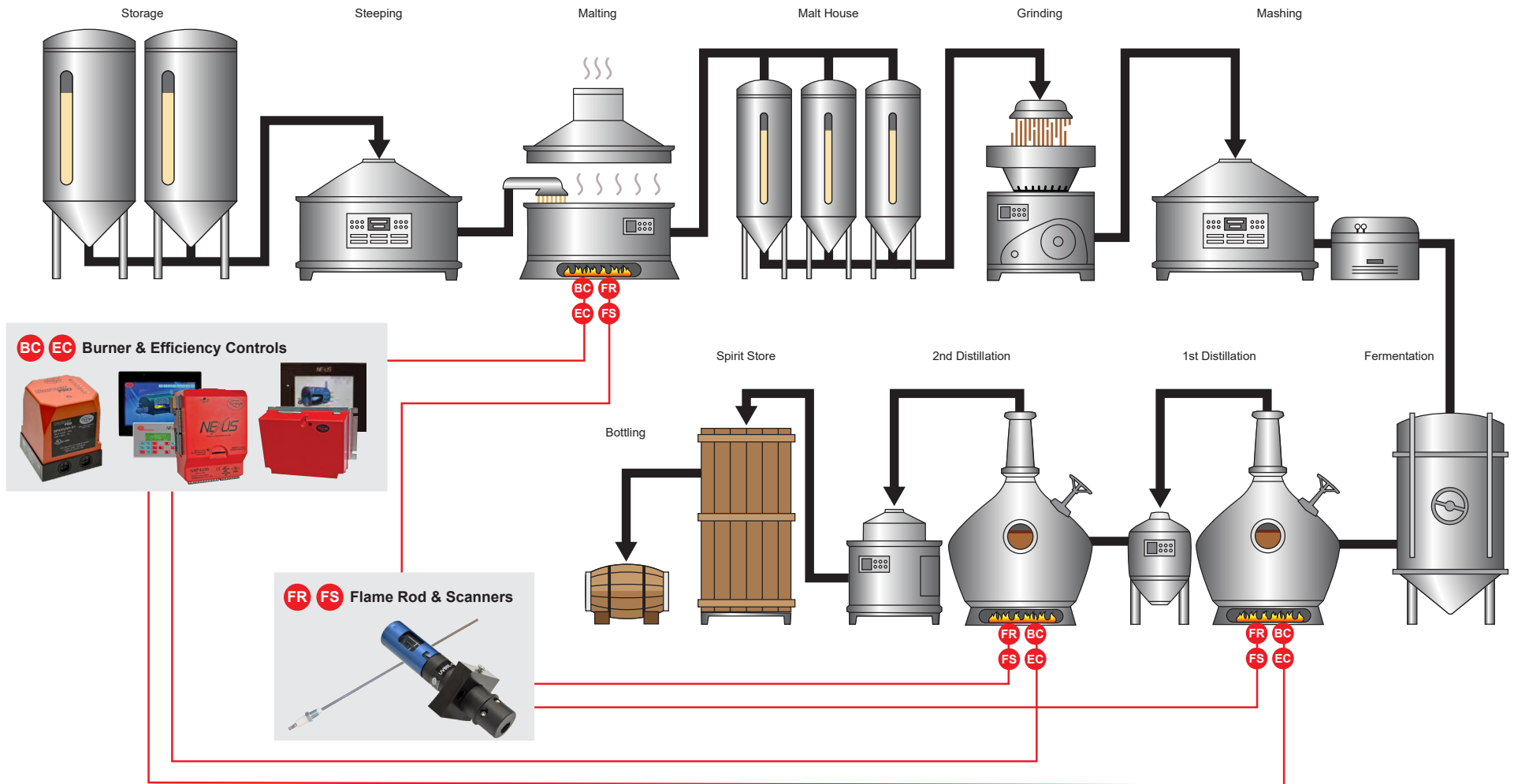# Distillery Applications
Combustion Control Products

Flame safeguard and efficiency controls with Ultraviolet (UV) and Infrared (IR) flame scanners, flame rod, valve servo motor and O2 trim options.

Storage

Steeping

Malting

Malt House

Grinding

Mashing

BC FR
EC FS

BC EC Burner & Efficiency Controls

Spirit Store

2nd Distillation

1st Distillation

Fermentation

Bottling

FR FS Flame Rod & Scanners

FR BC
FS EC

FR BC
FS EC

Burner & Efficiency Controls

Flame Safeguard Controls

- BurnerPro™
- BurnerLogix®
- Flame-Monitor™
- MicroM

Efficiency Controls

- Nexus® NXF4000
- Nexus PPC4000
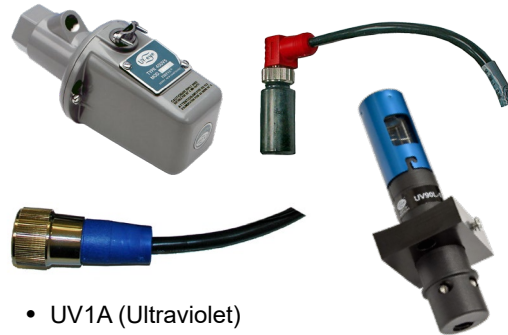- Nexus NX6100
- Nexus PPC6000

CM-420 Combustion Monitor

Provides oxygen percentage via 4-20mA or Modbus for PLC, Scada or building management systems. Used in conjunction with the Fireye oxygen probe (NXCESO2).

Flame Scanners

Discrete Flame Scanners

- UV1A (Ultraviolet)
- UV90L (Ultraviolet)
- 45UV5 (Ultraviolet / Self Check)
- 48PT2 (Infrared)

Integrated Flame Scanners

- Phoenix™ Series 2 (Ultraviolet Extended, Ultraviolet or Infrared)
- InSight® II (Ultraviolet, Infrared or Dual Sensor)
- InSight Series 4 (Ultraviolet or Infrared)

FX Servo Motors

The Fireye FX Series servo motors are precision actuators designed to accurately position valves and dampers.

Flame Rods

The Fireye flame rod (69ND1) is made from high temperature resistant metal and can be used to detect gas flames only.

Oxygen Probe

The Fireye oxygen probe (NXCESO2) is designed to provide continuous oxygen concentration readings.

For more information, please contact your local OEM or Fireye Distributor.

fireye.com

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