

# INSTALLATION INSTRUCTIONS

## LeKr DUO SAFETY CARTRIDGE

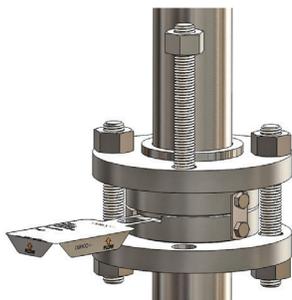
### SAFETY EQUIPMENT

- Safety Goggles
- Gloves
- Other as required by facility

### TOOLS & MATERIALS

- Cleaning Solvent compatible with service media
- Torquing Specifications
- Torque Wrench

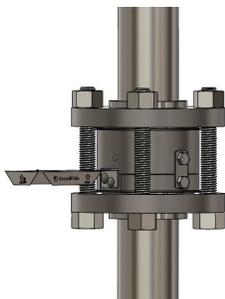
## 1 Disassembly



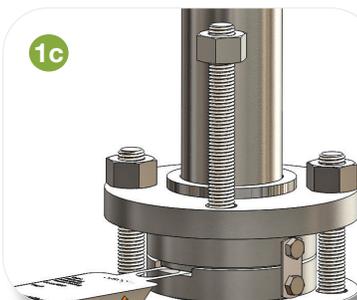
## 2 Placement & Alignment



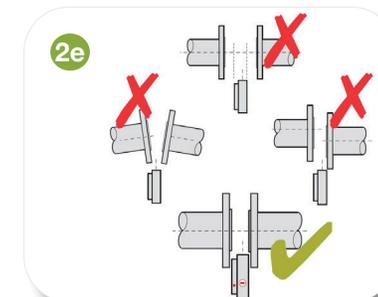
## 3 Torquing & Inspection



- 1a** Perform lockout & tagout procedures
- 1b** Depressurize system
- 1c** Loosen nuts, remove studs as needed, inspect for rust, galling, and other damage
- 1d** Remove assembly



- 2a** Clean flange surfaces, inspect for damage
- 2b** Place gaskets and Safety Cartridge between flanges
- 2c** Check flow arrows
- 2d** Lubricate studs & nuts, replace & finger tighten
- 2e** Ensure proper piping alignment



- 3a** Determine Torque:
  - follow gasket manufacturer requirement
  - or reference ASME PCC-1
- 3b** Torque evenly, in increments, up to 100%, following star pattern
- 3c** Follow facility's testing & inspection procedures

