Basic Application Form
for the Smart Elbow™

HammerTek CORPORATION

Contact Name:_____ Title: _____ Company Name:_____ Date: _____
Address: _____ Phone#:_____ Ext#:_____ Fax#:_____
City:_____ State:_____ Zip: _____ Email:_____

CONVEYING LINE INFORMATION:

Pipe/Tube Alloy:_____ Elbow Alloy:_____ ☐ Pipe size:_____ Pipe schedule:_____ ☐ Tube size:_____ Tube gauge: _____
Longevity of current elbows:_____ Type of current elbows: _____ Total elbows in system: 90°:_____ 45°:_____ Other degree:_____
Total line length:_____ ft. Vertical:_____ft. Horizontal: _____ft. Number of – diverter valves:_____ – vertical runs:_____ – horizontal runs: _____
Type of elbow connection: ☐ Socket-weld ☐ Compression Couplings ☐ Flange – [*Type of ANSI flange:* ☐ *125#* ☐ *150#* ☐ *300#* ☐ *Other*] ☐ Other
Are you interested in a Free Trial (normally stocked items only)?* ☐ Yes Are you interested in a One-Year Warranty?* ☐ Yes
*(Free Trial or One-Year Warranty given only if this application form is completed and approved by HammerTek Corporation)

Pneumatic Conveying - Dry Materials

Material:_____
If plastics: ☐ Glass-filled:_____% ☐ Mineral-filled:_____%
Operating temperature: _____°F Lbs/cubic ft:_____
Particle size:_____ Moisture%:_____ ☐ Hygroscopic
Other characteristics: _____
_____
Is this a truck unload system? ☐ Yes
Distance from pickup to first elbow:_____ft.

DILUTE PHASE: ☐ Pressure ☐ Vacuum
Production rate: ☐ TPH:_____ ☐ Lbs/min:_____
Operating pressure: Pressure system: _____PSIG
Vacuum: _____ "Hg
Air Volume: SCFM: _____ ACFM: _____
Velocities: Pickup / acceleration:_____FPM
Terminal:_____FPM
Method of feed (RV, eductor, screw, wild flow, etc.):_____

DENSE PHASE:
Operating pressure:_____PSIG Size of pressure vessel: _____cu.ft.
Cycle Time: Min. On:_____ Min. Off:_____
Is air flow continuous? ☐ Yes ☐ No
Does system have line air boosters? ☐ Yes ☐ No
Is the system a plug or pulse flow?_____

Hydraulic Conveying - Transfer Systems

SLURRY SYSTEMS:
Liquid:_____ Solids:_____ % of solids by weight:_____
Particle size of solids:_____ Other chemicals in slurry: _____
Specific gravity of solids:_____ Velocity:_____FPS Flow rate:_____GPM
Slurry temperature:_____°F Operating pressure:_____PSIG
Other characteristics on the existing system such as choking, hammer effect, wear, etc. and any special notes that may be applicable:_____
_____
_____

LIQUID / CONDENSATE:
Type - ☐ Liquid:_____ ☐ Condensate
Velocity:_____FPS Flow rate:_____GPM or # / Min
Temperature:_____°F Operating pressure:_____PSIG
Other comments pertinent to system:_____
_____
_____

STEAM SERVICE:
Velocity:_____FPS Flow rate:_____GPM or # / Min
Temperature:_____°F Operating pressure:_____PSIG
Other comments pertinent to system:_____
_____
_____