Hayward Gordon Ltd.
Pumps • Mixers • Strainers
Engineered Systems and Controls

Engineered_Systems_Quote(Chem).rev0

CHEMICAL FEED PUMP PACKAGE SPECIFICATIONS

Date: _____
SHT ___ OF ___

CLIENT: _____ PHONE: _____ FAX: _____
PROJECT: _____ ITEM NO.: _____
SITE: _____ SERVICE: _____

PUMP OPERATING CONDITIONS

FLUID _____
OPERATING TEMP, T _____ ○ °F ○ °C
DESIGN TEMP (MAX) _____ ○ °F ○ °C
SPECIFIC GRAVITY _____ ○ lb/gal ○ g/m3
VISCOSITY @ T _____ ○ cPs ○ cstokes ○ SSU
pH _____ CORROSIVE: ○ YES ○ NO
SOLIDS % _____ SETTLES: ○ YES ○ NO

ABRASIVE: ○ YES ○ NO SHEAR SENSITIVE: ○ YES ○ NO
FLOW RATE DESIGN: _____ ○ gpm ○ gph ○ L/min ○ cc/min
FLOW RATE (MIN): _____ ○ gpm ○ gph ○ L/min ○ cc/min
FLOW RATE (MAX): _____ ○ gpm ○ gph ○ L/min ○ cc/min
DISCHARGE PRESSURE: _____ ○ psi(g) ○ ft ○ bar(g) ○ kPa(g)
SUCTION PRESSURE: _____ ○ psi(g) ○ ft ○ bar(g) ○ kPa(g)
OTHER CONDITIONS _____

PUMP CONSTRUCTION

TYPE OF PUMP

○ DIAPHRAGM ○ PROGRESSIVE CAVITY
○ AIR DIAPHRAGM ○ PERISTALTIC
○ INTERNAL GEAR ○ WCB PD PUMP
○ EXTERNAL GEAR ○ SANITARY
○ ROTARY LOBE ○ SELF PRIMING/TRASH
○ PISTON ○ CENTRIFUGAL

STROKE / SPEED ADJUSTMENT

MAX: _____ ○ RPM ○ SPM
○ DIAPHRAGM ○ PLUNGER
○ MANUAL ○ AUTOMATIC ○ NONE
○ WHILE RUNNING ○ STOPPED ○ ALARM

CONTROL

○ LOCAL ○ REMOTE ○ PLC
○ AC DRIVE ○ DC DRIVE
○ PNEUMATIC ○ ELECTRICAL ○ HYDRAULIC
○ PANEL ○ NEMA4

NO. OF SKIDS: _____ NO. OF PUMPS PER SKID/PACKAGE: _____
PUMP MANUFACTURER: _____
MODEL: _____
MATERIALS LIQUID END: _____
SEAL: ○ PACKING ○ SINGLE MECH ○ DOUBLE MECH ○ MAG DRIVE
FLUSH: ○ YES ○ NO
ELASTOMERS: ○ TEFLON ○ VITON ○ EPDM ○ OTHER _____
COUPLING: ○ CLOSE ○ FLEX ○ MAG ○ OTHER _____
BASEPLATE: ○ SS ○ CS ○ NONE ○ OTHER _____

CONNECTIONS FOR UNIT

SUCTION: ○ FLANGE ○ WELD ○ NPT ○ CAMLOK ○ SANITARY
NUMBER OF INLET CONNECTIONS REQUIRED _____
SIZE / DIAMETER _____ ○ INCHES ○ mm
DISCHARGE: ○ FLANGE ○ WELD ○ NPT ○ CAMLOK ○ SANITARY
NUMBER OF INLET CONNECTIONS REQUIRED _____
SIZE /DIAMETER _____ ○ INCHES, ○ mm

RELIEF VALVE ○ EXTERNAL ○ BUILT IN Mfr/MODEL _____
○ RELIEF TO PUMP SUCTION ○ RELIEF TO TANK / DRAIN

MOTOR /DRIVE

VOLTS _____ PHASE _____ HZ _____ HORSEPOWER _____ RPM _____ Mfr/MODEL _____
○ EXPLOSION PROOF ○ TEFC ○ TENV ○ GEAR REDUCER ○ GEAR MOTOR GEAR RATIO _____

INSTRUMENTATION AND FITTINGS

FLOW MEASUREMENT

○ DRAWDOWN CC ○ MAG FLOW METER FLOW RANGE _____ NO. OF METERS PER SYSTEM: _____
○ BURKETT PADDLE ○ MASS FLOW METER MANUFACTURER: _____
○ ROTAMETER ○ HEDLAND METER MODEL: _____

FITTINGS

○ CHECK VALVE ○ DRAIN/VALVE ○ ISOLATION VALVE ○ STATIC MIXER ○ SIMPLEX STRAINER ○ BAG/ CARTRIDGE FILTER
○ FLUSH LINES ○ PRESS GAUGE ○ MIXING QUILL ○ Y-STRAINER ○ DUPLEX STRAINER ○ BYPASS PIPING
○ FLANGED ○ BUTT WELDED ○ SOCKET WELDED ○ NPT ○ CAMLOK ○ SANITARY
○ 316 SS ○ PVC ○ CPVC
○ OTHER

COMMENTS

_____
_____
_____
_____
_____
_____
_____

Please complete the form, date and return to FAX: 905-336-9443 - Attn: Applications Specialist / Sales