

GREAT LAKES INDUSTRIAL CONTROLS

SIZING & SELECTION FORM FOR ON-OFF QUARTER-TURN ISOLATION VALVES (BALL-BUTTERFLY-PLUG)

CUSTOMER COMPANY NAME & ADDRESS _____

NAME OF CONTACT _____

EMAIL ADDRESS _____ PHONE _____

NAME OF PROCESS MEDIA _____

CLEAN LIQUID / SLURRY STATE PERCENT SOLIDS / CLEAN GAS / DIRTY GAS **(SELECT ONE)** _____

VISCOITY IN CENTIPOISE _____ PH SCALE VALUE (1-14) _____

MAX PRESSURE _____ MAX TEMPERATURE _____ MAX FLOW RATE & Cv _____

INDOOR OR OUTDOOR INSTALLATION _____

IS THIS A FIRESAFE or NON-FIRESAFE APPLICATION _____

LINE SIZE _____ VALVE TYPE (BALL-BUTTERFLY-PLUG) _____

RESILIENT BUBBLE-TIGHT SOFT SEAT or METAL to METAL HARD SEAT DESIGN _____

TWO-WAY FLOW PATH or THREE- WAY FLOW PATH _____

IF THREE-WAY FLOW PATH STATE TYPE OF THREE WAY (MIXING OR DIVERTING) _____

FULL PORT or STANDARD REDUCED PORT DESIGN _____

ANSI CLASS PIPING SYSTEM _____ (125-250-150-300-600-900-1500-5000-OTHER)

MATERIAL OF LINE _____ (CARBON STEEL/CHROME MOLY/316L SS/317L SS/TITANIUM/OTHER)

SCHEDULE THICKNESS OF LINE (PIPE) _____ (SCHEDULE-10 / SCHEDULE-40 / SCHEDULE-80)

VALVE END CONNECTIONS _____ (THREADED/FLANGED/SOCKETWELD/BUTWELD/SANITARY)

PREFERRED STEM SEAL & PACKING MATERIAL _____ (GRAPHITE-TEFLON-BUNA-VITON-CERMIC-OTHER)

PREFERRED RESILIENT SOFT SEAT MATERIAL _____ (GRAPHITE-TEFLON-BUNA-VITON-CERAMIC-OTHER)

TYPE OF ACTUATION _____ (MANUAL ON-OFF/AIR ACTUATOR/ELECTRIC ACTUATOR/HYDRAULIC ACTUATOR)

INSTRUMENT AIR PRESSURE AVAILABLE _____

ACTUATOR ACCESSORIES _____ (SOLENOID VALVE/LIMIT SWITCHES/LOCKOUT DEVICE)

CYCLE RATE OF VALVE (frequency of operation) _____ (PER MINUTE-PER HOUR-PER DAY-PER MONTH-PER YEAR)

HAZZARDOUS AREA ELECTRICAL CLASSIFICATION _____ (NON HAZZARDOUS/CLASS 1-DIV 2/CLASS 1-DIV 1)

WEATJERPROOF/WATERPROOF CLASSIFICATION _____ (YES/NO)

NEW INSTALLATION or REPLACING EXISTING VALVE _____

IF REPLACING EXISTING VALVE STATE MANUFACTURERS NAME, SIZE & COMPLETE MODEL NUMBER OF VALVE OFF OF NAMEPLATE _____

IF REPLACING EXISTING VALVE STATE FACE-TO-FACE DIMENSION OF EXISTING VALVE _____

SERVICE LIFE OF EXISTING VALVE (HOW OFTEN DOES IT HAVE TO BE REPLACED OR REPAIRED) _____

