

MACHINING LIMITS TO BE ± .10mm UNLESS OTHERWISE STATED

ISSUE NO.	1									
DATE	15 DEC 14									

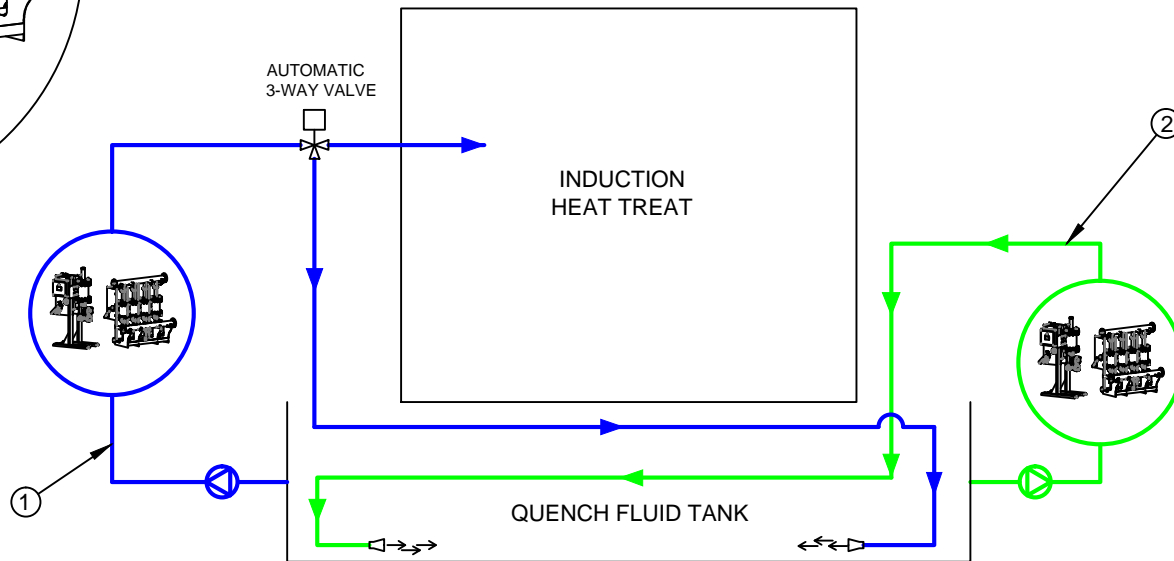
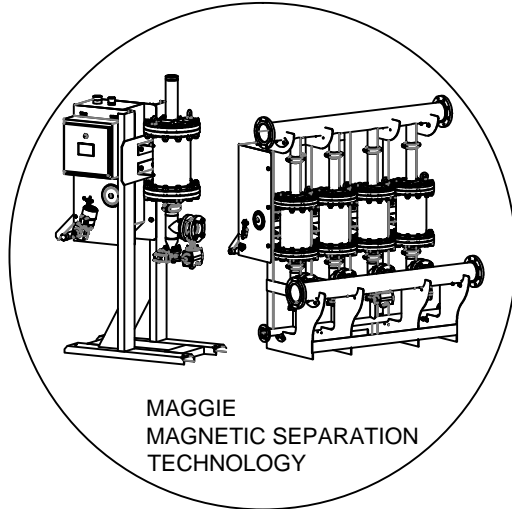
THIRD ANGLE PROJECTION

ISSUE CONTROL NOTES;
ISSUE 1 ORIGINAL

INDUCTION HARDENING / HEAT TREAT (QUENCH)

ZGF TECHNOLOGY PROVIDES COST, QUALITY AND ENVIRONMENTAL BENEFITS

- * LONGER QUENCH FLUID LIFE
- * IMPROVED PART QUALITY, COIL LIFE, AND MORE CONSISTENT METALLURGICAL PROPERTIES
- * NO CONSUMABLES AND VIRTUALLY NO FILTER MAINTENANCE
- * FULLY AUTOMATIC, 24/7 OPERATION



ZGF MAGGIE TECHNOLOGY CAN BE INSTALLED IN SEVERAL CRITICAL PROCESS POINTS THROUGHOUT THE SYSTEM TO PROVIDE VALVE

- ① **IN-LINE DIRECTLY TO THE QUENCH RING / NOZZLES (WITH AN AUTOMATIC 3-WAY & EDUCTORS TO SWEEP TANK WHEN NOT QUENCHING PARTS)**
- ② **ON A SIDE STREAM (WITH EDUCTORS TO SWEEP TANK)**

ZERO GRAVITY FILTERS
12300 EMERSON DR
BRIGHTON, MI 48116, USA

TITLE
PROCESS DIAGRAM
INDUCTION HARDING / HEAT TREAT

MATL:	DRAWN:	MG
SPECN:	CHECKED:	MG
No DFF:	DATE:	15 DEC 14

No ZG 10466