Manitowoc **Parts & Service Communicator**

Subject: Manitowoc Product Improvement Program Mandatory Upgrade of QuietQube Liquid Line Shut-off Valve

Affected Part:
Ningbo 3/8" Liquid Line Shut-off Valve ("Affected Ningbo Valve")

Affected QuietQube Models:
Only S0600C, S0800C, S1000C, IB0600C, IB0800C with a serial number listed below in this communicator ("Affected Ice Machines")

Purpose:
Manitowoc has learned that Ningbo 3/8" liquid line shut-off valves do not meet specifications in that they do not have a sufficient internal stop to prevent the valve stem from being completely unscrewed and removed from the valve housing. Manitowoc requests your assistance in immediately notifying customers that Affected Ningbo Valves must be replaced with an upgraded valve. Immediate shutdown of Affected Ice Machines is not required as long as the following temporary operational instructions are strictly followed.

Temporary Operational Instruction:
If an affected Ningbo Valve needs to be serviced before this Product Improvement Program / Mandatory Upgrade can be completed, then the valve must not be opened more than 6 full (360°) turns. In addition, the valve stem must never be turned/opened to the point that it protrudes above/beyond the top of the valve body. Do not turn/open the valve past the point displayed in Picture 1B below.

1A



1B



⚠ Warning

TURNING/OPENING AN AFFECTED NINGBO 3/8" LIQUID LINE SHUT-OFF VALVE TO THE POINT WHERE THE VALVE STEM PROTRUDES ABOVE/BEYOND THE TOP OF THE VALVE BODY WILL REDUCE THE AMOUNT OF THREAD ENGAGEMENT BETWEEN THE VALVE STEM AND THE VALVE BODY TO A POTENTIALLY HAZARDOUS LEVEL. LACK OF SUFFICIENT THREAD ENGAGEMENT WILL LEAD TO HIGH PRESSURE (UP TO 450 PSIG) EJECTION OF THE VALVE STEM WHICH COULD RESULT IN SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE.

Identification of the Ningbo Liquid Line Shut-off Valve:

Manitowoc uses Ningbo 3/8" valves and Parker/Sporlan 3/8" valves. This Product Improvement Program does not pertain to any valves manufactured by Parker or Sporlan. The unaffected Parker/Sporlan valves are clearly marked with Parker or Sporlan on their lock caps (see Picture 2A below) and also have a distinctly different valve body shape than the Affected Ningbo Valves (see Picture 2B below).

2A Parker and Sporlan **2B Ningbo**



Please contact the Manitowoc service department if you have a customer that has the Affected Ningbo 3/8" Liquid Line Shut-off Valve as specified above.

Manitowoc Service Department Contact Information - 1-800-545-5720

ONLY MACHINES WITH SERIAL NUMBER LISTED BELOW MAY HAVE NINGBO VALVES

SY0684C-161								
110838639	110840867	110840873	110840875	110841960	110841974	110843060	110843076	110844005
110844013	110844019	110844031	110844043	110844059	110844065	110844661	110844666	110844669
110844677	110844684	110844691	110844702	110845531	110845550	110845556	110847862	110855454
110855460	110855467	110855741	110855755	110855995	110856009	110856528	110856556	110857128
110857573	110858327	110859038	110859045	110859828	110860609	110860630		
IB0684YC-161								
110841950	110841954	110841957	110843063	110843078	110848412	110851265		
SY0874C-161								
110839885	110840200	110840202	110840214	110850117	110850123	110850157	110850883	110850904
110851140	110851247	110851268	110855446	110855989	110856560			
IB0824YC-161								
110837090	110839391	110839424	110839878	110839896	110839905	110839908	110840195	110840584
110841970	110841975	110841978	110842175	110842577	110844027	110844039	110844675	110844682
110845540	110845548	110848121	110848200	110848404	110848731	110848751	110849228	110849246
SY1074C-161								
110839397	110839430	110839436	110840208	110840212	110840220	110840576	110840579	110840587
110842169	110842189	110842197	110842205	110842213	110842221	110842233	110842241	110842520
110842555	110842567	110842592	110843065	110843072	110843087	110847854	110847858	110850604
110850615	110850909	110850920	110851756	110851765	110851773	110852060	110852069	110852250
110853141	110855482	110855732	110856506	110856918	110856925	110856940	110856956	110857145
110858347	110859462							