## **TB0441** Removal of Redundant Drive Timer and Contactor

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## **Technical Bulletin**

TB Number:	0441
Originator:	Gareth Green
Machine:	Flowlines
Date:	30/04/19
Circulate to:	; Service;
Title:	Removal of Redundant Drive Timer and Contactor



The timer and contactor were added 15 years ago on flowlines when the old DOS PC used to have a boot-up problem due to the drives switching on at the same time as the PC power supply, causing a power drain.

On a Windows PC, the original issue is no longer a problem, so the delayed start is not needed. If the timer or contactor parts fail, they can be removed, and the contactor bypassed.