



Dependable Mechanical Systems Inc.

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Request for Information

RFI# M-0120

To:	Kyrollos	From:	Apinder Singh
Fax:		Pages:	1(Including Cover)
Phone:		Date:	2025-05-12 11:58:12
Re:	McMaster University - Air Genuity FMS panel locations (SST - sensor suite)		
<input type="checkbox"/> Urgent <input type="checkbox"/> For Review <input type="checkbox"/> Please Reply <input type="checkbox"/> Attachment			

Due to distance limitations in the SST/pump location and the need to maintain required system air pressures, the SST panel need to be relocated to the 6th-floor mechanical room. A such, the required power circuits, duplex electrical outlet and ethernet data drops need to be relocated to the 6th floor Mechanical room SST panel location by div 16. Below is an explanation from Air Genuity and their reasonings behind the distance limitation of their SST panel. Below is an explanation from Air Genuity and their reasonings behind the distance limitation of their SST panel.

There's a distance limitation of 500 feet between the location of our pump and the furthest air sensing device to maintain the necessary suction pressure for air sampling. Based on the location of the various air sampling locations/devices across 10 floors, the 6th floor mechanical room was determined to be the optimal point between the various tubing branches and still staying within the maximum distance requirement.

