

**INSTRUMENT LIST**



REV: 8  
DATE: October 27, 2005  
DWG. NO.: 200318-6050

P&ID Reference	Instrument Tag No.				Junction Box	Location	Description	Point Type	PLC Tag Name	Calibration Range	Comments
E-4081A	A7022	-	MIT	001	A7022-MIT001	60-JB-AHU1	AHU #1 Outside Air Humidity	AI	H92100.Ch4Data	0-100 %RH	REMOTE IO
E-4081A	A7022	-	TIT	001	A7022-TIT001	60-JB-AHU1	AHU #1 Outside Air Temperature	AI	H92100.Ch5Data	(-)-40-176 F	REMOTE IO
E-4081A	A7022	-	MIT	002	A7022-MIT002	60-JB-AHU1	AHU #1 Return Air Humidity	AI	H92100.Ch6Data	0-100 %RH	REMOTE IO
E-4081A	A7022	-	TIT	002	A7022-TIT002	60-JB-AHU1	AHU #1 Return Air Temperature	AI	H92100.Ch7Data	(-)-40-176 F	REMOTE IO
E-4081A	A7022	-	PDIT	003	A7022-PDIT003	60-JB-AHU1	AHU #1 Pre-Filter Differential Pressure	AI	H92101.Ch4Data	0-2.5 W.G.	REMOTE IO
E-4081A	A7022	-	PDIT	004	A7022-PDIT004	60-JB-AHU1	AHU #1 Intermediate Filter Differential Pressure	AI	H92101.Ch5Data	0-5 W.G.	REMOTE IO
E-4081A	A7022	-	PDIT	008	A7022-PDIT008	60-JB-AHU1	AHU #1 Final Filter Differential Pressure	AI	H92101.Ch6Data	0-10 W.G.	REMOTE IO
E-4081A	A7022	-	FIT	007	A7022-FIT007	60-JB-AHU1	AHU #1 Supply Air Discharge Flow	AI	H92101.Ch7Data	0-65985 CFM	REMOTE IO
E-4081A	A7022	-	TZ	007	A7022-TZ007	60-JB-AHU1	AHU #1 Beck Actuator Control Output Inlet Vanes	AO	H92002.Ch0Data	0-100 %	REMOTE IO
E-4081A	A7022	-	ZT	007	A7022-ZT007	60-JB-AHU1	AHU #1 Beck Actuator Position Indication Inlet Vanes	AI	H92100.Ch2Data	0-100 %	REMOTE IO
E-4081A	A7022	-	MIT	010	A7022-MIT010	60-JB-AHU1	AHU #1 Mixed Air Humidity	AI	H92101.Ch0Data	0-100 %RH	REMOTE IO
E-4081A	A7022	-	TIT	010	A7022-TIT010	60-JB-AHU1	AHU #1 Mixed Air Temperature	AI	H92101.Ch1Data	(-)-40-176 F	REMOTE IO
E-4081A	A7022	-	PIT	011	A7022-PIT011	60-IJB-301	Mezzanine Level AHU #1 Discharge Pressure	AI	H91111.ChanData[0]	0-12 W.G.	
E-4081A	A7022	-	TZ	012	A7022-TZ012	60-JB-AHU1	AHU #1 Beck Actuator Control Output Inlet Vanes	AO	H92002.Ch1Data	0-100 %	REMOTE IO
E-4081A	A7022	-	ZT	012	A7022-ZT012	60-JB-AHU1	AHU #1 Beck Actuator Position Indication Inlet Vanes	AI	H92100.Ch3Data	0-100 %	REMOTE IO
E-4081A	A7022	-	MIT	013	A7022-MIT013	60-IJB-301	Production Area Production Line #1 Humidity #1 - Roll Storage Area	AI	H91005.Ch1Data	0-100 %RH	
E-4081A	A7022	-	MV	013	A7022-MV013	60-IJB-301	Production Area Production Line #1 Humidity #1 Valve - Roll Storage Area	AO	H91009.Ch0Data	0-100 %	
E-4081A	A7022	-	TIT	013	A7022-TIT013	60-IJB-301	Production Area Production Line #1 Temperature #1 - Roll Storage Area	AI	H91005.Ch0Data	(-)-40-140 F	
E-4081A	A7022	-	MIT	014	A7022-MIT014	60-IJB-301	Production Area Production Line #1 Humidity #3 - Sound House Interior	AI	H91005.Ch5Data	0-100 %RH	
E-4081A	A7022	-	MV	014	A7022-MV014	60-IJB-301	Production Area Production Line #1 Humidity #3 Valve - Sound House Interior	AO	H91009.Ch2Data	0-100 %	
E-4081A	A7022	-	TIT	014	A7022-TIT014	60-IJB-301	Production Area Production Line #1 Temperature #3 - Sound House Interior	AI	H91005.Ch4Data	(-)-40-176 F	
E-4081A	A7022	-	MIT	015	A7022-MIT015	60-IJB-301	Production Area Production Line #1 Humidity #2 - Diaper M/C Midpoint Area	AI	H91005.Ch3Data	0-100 %RH	
E-4081A	A7022	-	MV	015	A7022-MV015	60-IJB-301	Production Area Production Line #1 Humidity #2 Valve - Diaper M/C Midpoint Area	AO	H91009.Ch1Data	0-100 %	
E-4081A	A7022	-	TIT	015	A7022-TIT015	60-IJB-301	Production Area Production Line #1 Temperature #2 - Diaper M/C Midpoint Area	AI	H91005.Ch2Data	(-)-40-140 F	
E-4022	A7022	-	XA	017	A7022-XA017	60-EJB-301	Electrical Room Line 1 Panel Cooling AC Unit Common Alarm	DI	H91102.12	-	
	A7022	-	XA	018	A7022-XA018	60-EJB-301	Electrical Room Line 1 Ground Fault Relay For Adhesive Tank System Alarm	DI	H91102.13	-	
E-4081A	A7022	-	XA	019	A7022-XA019	60-EJB-301	Electrical Room Line 1 Hammermill Running Status from JOA	DI	H91103.15	-	
E-4081A	A7022	-	ZSC	006	A7022-ZSC006A	60-JB-AHU1	AHU #1	DI	H92103.0	-	REMOTE IO
E-4081A	A7022	-	ZSC	006	A7022-ZSC006B	60-JB-AHU1	AHU #1	DI	H92103.1	-	REMOTE IO
E-4081A	A7022	-	EVO	016	A7022-EVO016A	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve A - Sound House Interior	DO	H91005.0	-	
E-4081A	A7022	-	EVO	016	A7022-EVO016B	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve B - Sound House Interior	DO	H91005.1	-	
E-4081A	A7022	-	EVO	016	A7022-EVO016C	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve C - Sound House Interior	DO	H91005.2	-	
E-4081A	A7022	-	EVO	016	A7022-EVO016D	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve D - Sound House Interior	DO	H91005.3	-	
E-4081A	A7022	-	EVO	016	A7022-EVO016E	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve E - Sound House Interior	DO	H91005.4	-	
E-4081A	A7022	-	EVO	016	A7022-EVO016F	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve F - Sound House Interior	DO	H91005.5	-	
E-4081A	A7022	-	EVO	016	A7022-EVO016G	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve G - Sound House Interior (Future)	DO	H91005.6	-	
E-4081A	A7022	-	EVO	016	A7022-EVO016H	60-EJB-301	Production Area Production Line #1 Humidity #3 Zone Valve H - Sound House Interior (Future)	DO	H91005.7	-	
E-4081A	A7022	-	TT	005	A7022-TT005A	60-JB-AHU1	AHU #1	AI	H92101.Ch2Data	(-)-58-122 F	REMOTE IO
E-4081A	A7022	-	TT	005	A7022-TT005B	60-JB-AHU1	AHU #1	AI	H92101.Ch3Data	(-)-58-122 F	REMOTE IO
	A7022	-	TSLH	20	A7022-TSLH20	60-JB-AHU1	AHU #1	AO	H92002.Ch2Data	0-10V	REMOTE IO
E-4025	A7033	-	TT	001	A7033-TT001	60-JB-AHU1	AHU #1	AI	H92100.Ch1Data	0-250 F	REMOTE IO
E-4025	A7033	-	TV	001	A7033-TV001	60-IJB-301	Mezzanine Level Hot Water to AHU-PA-1	AO	H90015.Ch3Data	0-100 %	HART
E-4025	A7033	-	PDI	002	A7033-PDI002		Production Area AHU #1 Pressure Differential Indicator				
E-4025	A7033	-	FBV	003	A7033-FBV003		Production Area AHU #1 Flow Balancing Valve				
E-4026	A7034	-	PRV	001	A7034-PRV001		Production Area Production Line #1 Humidifier Pressure Regulator Valve				
E-4026	A7034	-	PI	002	A7034-PI002		Production Area Production Line #1 Humidifier Pressure Indicator				
E-4081B	B7022	-	MIT	001	B7022-MIT001	60-JB-AHU2	AHU #2 Outside Air Humidity	AI	H95100.Ch4Data	0-100 %RH	REMOTE IO
E-4081B	B7022	-	TIT	001	B7022-TIT001	60-JB-AHU2	AHU #2 Outside Air Temperature	AI	H95100.Ch5Data	(-)-40-176 F	REMOTE IO
E-4081B	B7022	-	MIT	002	B7022-MIT002	60-JB-AHU2	AHU #2 Return Air Humidity	AI	H95100.Ch6Data	0-100 %RH	REMOTE IO
E-4081B	B7022	-	TIT	002	B7022-TIT002	60-JB-AHU2	AHU #2 Return Air Temperature	AI	H95100.Ch7Data	(-)-40-176 F	REMOTE IO
E-4081B	B7022	-	PDIT	003	B7022-PDIT003	60-JB-AHU2	AHU #2 Pre-Filter Differential Pressure	AI	H95101.Ch4Data	0-2.5 W.G.	REMOTE IO
E-4081B	B7022	-	PDIT	004	B7022-PDIT004	60-JB-AHU2	AHU #2 Intermediate Filter Differential Pressure	AI	H95101.Ch5Data	0-5 W.G.	REMOTE IO
E-4081B	B7022	-	FIT	007	B7022-FIT007	60-JB-AHU2	AHU #2 Supply Air Discharge Flow	AI	H95101.Ch7Data	0-65985 CFM	REMOTE IO
E-4081B	B7022	-	TZ	007	B7022-TZ007	60-JB-AHU2	AHU #2 Beck Actuator Control Output Inlet Vanes	AO	H95002.Ch0Data	0-100 %	REMOTE IO
E-4081B	B7022	-	ZT	007	B7022-ZT007	60-JB-AHU2	AHU #2 Beck Actuator Position Indication Inlet Vanes	AI	H95100.Ch2Data	0-100 %	REMOTE IO
E-4081B	B7022	-	PDIT	008	B7022-PDIT008	60-JB-AHU2	AHU #2 Final Filter Differential Pressure	AI	H95101.Ch6Data	0-10 W.G.	REMOTE IO
E-4081B	B7022	-	MIT	010	B7022-MIT010	60-JB-AHU2	AHU #2 Mixed Air Humidity	AI	H95101.Ch0Data	0-100 %RH	REMOTE IO
E-4081B	B7022	-	TIT	010	B7022-TIT010	60-JB-AHU2	AHU #2 Mixed Air Temperature	AI	H95101.Ch1Data	(-)-40-176 F	REMOTE IO
E-4081B	B7022	-	PIT	011	B7022-PIT011	60-IJB-302	Mezzanine Level AHU #2 Discharge Pressure	AI	H91111.ChanData[1]	0-12 W.G.	
E-4081B	B7022	-	TZ	012	B7022-TZ012	60-JB-AHU2	AHU #2 Beck Actuator Control Output Mixing Dampers	AO	H95002.Ch1Data	0-100 %	REMOTE IO
E-4081B	B7022	-	ZT	012	B7022-ZT012	60-JB-AHU2	AHU #2 Beck Actuator Position Indication Mixing Dampers	AI	H95100.Ch3Data	0-100 %	REMOTE IO
E-4081B	B7022	-	MIT	013	B7022-MIT013	60-IJB-302	Production Area Production Line #2 Humidity #1 - Roll Storage Area	AI	H91006.Ch1Data	0-100 %RH	
E-4081B	B7022	-	MV	013	B7022-MV013	60-IJB-302	Production Area Production Line #2 Humidity #1 Valve - Roll Storage Area	AO	H91009.Ch3Data	0-100 %	
E-4081B	B7022	-	TIT	013	B7022-TIT013	60-IJB-302	Production Area Production Line #2 Temperature #1 - Roll Storage Area	AI	H91006.Ch0Data	(-)-40-176 F	
E-4081B	B7022	-	MIT	014	B7022-MIT014	60-IJB-302	Production Area Production Line #2 Humidity #3 - Sound House Interior	AI	H91006.Ch5Data	0-100 %RH	
E-4081B	B7022	-	MV	014	B7022-MV014	60-IJB-302	Production Area Production Line #2 Humidity #3 Valve - Sound House Interior	AO	H91009.Ch5Data	0-100 %	
E-4081B	B7022	-	TIT	014	B7022-TIT014	60-IJB-302	Production Area Production Line #2 Temperature #3 - Sound House Interior	AI	H91006.Ch4Data	(-)-40-176 F	
E-4081B	B7022	-	MIT	015	B7022-MIT015	60-IJB-302	Production Area Production Line #2 Humidity #2 - Diaper M/C Midpoint Area	AI	H91006.Ch3Data	0-100 %RH	
E-4081B	B7022	-	MV	015	B7022-MV015	60-IJB-302	Production Area Production Line #2 Humidity #2 Valve - Diaper M/C Midpoint Area	AO	H91009.Ch4Data	0-100 %	