

DDC Panel Event Object ID Event Object Name

12360	12360.EV2	Panel 100 Monitor
100	100.EV18	ISAC2_SUMP_FULL~AL
12360	12360.EV3	Panel 201 Monitor
201	201.EV1	ISAC2_AC3_SF~AL
201	201.EV2	ISAC2_AC3_RF~AL
201	201.EV3	ISAC2_AC3_FREEZE~AL
12360	12360.EV4	Panel 202 Monitor
202	202.EV1	ISAC2_AC4~AL
202	202.EV3	ISAC2_AC5~AL
202	202.EV5	ISAC2_RM242_RT~AL
12360	12360.EV5	Panel 203 Monitor
203	203.EV5	ISACII Power Supply Room 260 Temp Alm
12360	12360.EV1	Panel 300 Monitor
300	300.EV7	ISAC1_AHU1_FREEZE~AL
300	300.EV10	ISAC1_MASS_SEP_EXH~AL
300	300.EV11	ISAC1_TARGET_EXH~AL
300	300.EV12	ISAC1_TARGET_DAMPER_90~AL
300	300.EV23	Critical Alarm Test
300	300.EV24	Critical Alarm Test for Main Ops
300	300.EV25	EF12 Alarm
12360	12360.EV6	Panel 301 Monitor
301	301.EV1	ISAC1_CT1A~AL
301	301.EV2	ISAC1_CT1B~AL
301	301.EV3	ISAC1_CT_P1~AL
301	301.EV4	ISAC1_CT_P2~AL
301	301.EV9	ISAC1_CT_TEMP~AL
302	302.EV2	ISAC1_NON_ACTIVE_TK3_HI~AL
302	302.EV3	ISAC1_NON_ACTIVE_TK3_LO~AL
12360	12360.EV8	Panel 305 Monitor
305	305.EV1	ISAC1_EF14~AL
305	305.EV2	ISAC1_EF15~AL
305	305.EV6	Non Active HEX hi Temp Alarm

12360	12360.EV9	Panel 306 Monitor
306	306.EV4	ISAC1_AHU2_FZ~AL
306	306.EV5	ISAC1_LOW_ACTIVE_HEX_P5~AL
306	306.EV6	ISAC1_LOW_ACTIVE_HEX_P6~AL
306	306.EV11	ISAC1_DECON_SUMP_HI-HI~AL
306	306.EV13	Low Active HEX hi Temp Alarm
306	306.EV15	PUMPS_5&6_WARNING_EV

12360	12360.EV10	Panel 307 Monitor
307	307.EV9	ISAC1_MEBT_H2O_PSI~AL

12360	12360.EV13	Panel 310 Monitor
310	310.EV1	ISAC1_LOW_ACTIVE_TK2_HI~AL
310	310.EV2	ISAC1_LOW_ACTIVE_TK2_LO~AL

12360	12360.EV14	Panel 311 Monitor
311	311.EV1	ISAC1_AHU3_FAN~AL
311	311.EV3	ISAC1_AHU3_RT~AL
311	311.EV5	ISAC1_ACTIVE_SUMP~AL
311	311.EV6	ISAC1_DECON_SUMP-PUMP_ON~AL
311	311.EV7	ISAC1_SANITARY_SUMP~AL
311	311.EV8	ISAC1_STORM_SUMP~AL
311	311.EV10	ISAC1_AHU3_RT~CRITICAL~AL

12360	12360.EV15	Panel 312 Monitor
312	312.EV1	HOTCELL_SOUTH_PRESS~AL
312	312.EV2	HOTCELL_NORTH_PRESS~AL



ISAC 1&2 BUILDING MECHANICAL SYSTEMS - DDC ALARMS

ev.(EventclassRefInstance = 4 or EventclassRefInstance = 5)

ISAC2 PENTHOUSE (100)

Device	Name	OBJECT ID	Description
100	ISAC2_SUMP_FULL~AL	BAC.100.EV18	ISAC2 active sump high level alarm

AC UNIT3 (201)

Device	Name	OBJECT ID	Description
201	ISAC2_AC3_FREEZE~AL	BAC.201.EV3	SCRF Clean Room air conditioning unit AC3 freeze stat detects when the supply air is too cold, risking a cooling coil or heating coil freeze-over.
201	ISAC2_AC3_RF~AL	BAC.201.EV2	SCRF Clean Room air conditioning unit AC3 return fan current draw is out of acceptable range.
201	ISAC2_AC3_SF~AL	BAC.201.EV1	SCRF Clean Room air conditioning unit AC3 supply fan current draw is out of acceptable range.

AC UNIT4/5 (202)

Device	Name	OBJECT ID	Description
202	ISAC2_AC4~AL	BAC.202.EV1	CHECK AC UNIT FAN-ON STATUS. CURRENT DRAW CAN BE OUT OF RANGE IF: 1) BELT IS LOOSE 2) INTAKE AIR FILTERS ARE DIRTY 3) FAN MOTOR IS OFF.
202	ISAC2_RM242_RT~AL	BAC.202.EV5	If the ISAC2 Network computer room 242 room temperature is out of acceptable range, this alarm is generated.
202	ISAC2_AC5~AL	BAC.202.EV3	ISAC2 Network computer room 242air conditioning unit AC5 fan motor current draw.

Device	Name	OBJECT ID	Description
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AC UNIT6 (203)

Device	Name	OBJECT ID	Description
203	ISACII Power Supply Room 260 Temp Alm	BAC.203.EV5	If the ISAC2 power supply room's average temperature is outside of acceptable limits, this alarm is generated.

ISAC1 AHU1-EF12 new (300)

Device	Name	OBJECT ID	Description
300	EF12 Alarm	BAC.300.EV25	
300	ISAC1_MASS_SEP_EXH~A L	BAC.300.EV10	If the static air pressure differential between the Mass Separator room and atmosphere decreases to a value less than 22.5 Pascals (0.09" w.c.) a DDC alarm will be generated.
300	ISAC1_TARGET_DAMPER _90~AL	BAC.300.EV12	The Target Pit damper is controlled to achieve a static air depression between the target pit exhaust duct and the Target Hall. The damper will open is 90% or greater if the HEPA filters need changing or if the pit is opened.
300	ISAC1_AHU1_FREEZE~AL	BAC.300.EV7	This alarm is critical because an AHU1 fan failure affects the nuclear ventilation zoning.
300	Critical Alarm Test for Main Ops	BAC.300.EV24	This is just a test. When the "Critical Event Test" object has been assigned a value of "ON", this alarm is generated.
300	Critical Alarm Test	BAC.300.EV23	This is just a test. When the "Critical Event Test" object has been assigned a value of "ON", this alarm is generated.
300	ISAC1_TARGET_EXH~AL	BAC.300.EV11	This static air pressure is measured between the target pit duct and the Target Hall. If the value drops below 42.5 Pascals (0.17" w.c.) a DDC alarm is generated.

CHILLER/CT1 (301)

Device	Name	OBJECT ID	Description
301	Chiller1 temp	BAC.301.EV13	

Device	Name	OBJECT ID	Description
301	ISAC1_CT_TEMP~AL	BAC.301.EV9	If the Cooling Tower leaving water temperature is outside the alarm limits, i.e. 1.6 deg C above or below setpoint, this alarm is generated.
301	ISAC1_CT_P1~AL	BAC.301.EV3	If the DDC is calling for raw water pump P1 to run, and detects that the pump motor current draw is out of its normal operating range, this alarm is generated.
301	ISAC1_CT_P2~AL	BAC.301.EV4	If the DDC is calling for raw water pump P2 to run, and detects that the pump motor current draw is out of its normal operating range, this alarm is generated.
301	ISAC1_CT1B~AL	BAC.301.EV2	The cooling tower VFD fault must be cleared before the fan can run again. At the H.I.M. module on the VFD, press alt -view - ESC. This gets you to the menu. select diagnostics - faults - clear fault. If this doesn't work, its because the fault still exist
301	ISAC1_CT1A~AL	BAC.301.EV1	The cooling tower VFD fault must be cleared before the fan can run again. At the H.I.M. module on the VFD, press alt -view - ESC. This gets you to the menu. select diagnostics - faults - clear fault. If this doesn't work, its because the fault still exist

AHU1 ZONES (302)

Device	Name	OBJECT ID	Description
302	ISAC1_NON_ACTIVE_TK3_LO~AL	BAC.302.EV3	If the non-active tank TK3 water level has dropped below the lowest limit, this alarm is generated.
302	ISAC1_NON_ACTIVE_TK3_HI~AL	BAC.302.EV2	Sensor is a float switch.

MISC EF (305)

Device	Name	OBJECT ID	Description

Device	Name	OBJECT ID	Description
305	Non Active HEX Hi Temp Alarm	BAC.305.EV6	If the ISAC de-ionized non-active supply water temperature rises above 25 deg C, this alarm is generated.
305	ISAC1_EF15~AL	BAC.305.EV2	The current draw under no-load condition (broken belt) is 3.3 amps. Under load the motor draws a little under 5 amps. This exhaust fan draws on the fume hoods in ISAC1 Laboratory 07. Fan is located in the ISAC1 fan room 203. If fan motor current draw is out
305	ISAC1_EF14~AL	BAC.305.EV1	This exhaust fan draws on the fume hoods in Laboratory 06. Fan is located in the ISAC1 fan room 203. If fan motor current draw is out of range, alarm is generated.

AHU2 (306)

Device	Name	OBJECT ID	Description
306	PUMPS_5&6_WARNING_EV	BAC.306.EV15	If an attempt is made to turn pump P5 or P6 on when there is insufficient water in tank T2, this alarm is generated.
306	ISAC1_LOW_ACTIVE_HEX_P5~AL	BAC.306.EV5	If DDC calls for P5 to run, and low pump motor current is detected, this alarm is generated.
306	ISAC1_LOW_ACTIVE_HEX_P6~AL	BAC.306.EV6	If DDC calls for P6 to run, and low pump motor current is detected, this alarm is generated.
306	ISAC1_DEC_SUMP_HI-HI~AL	BAC.306.EV11	If the decon sump water rises to high level, this alarm is generated.
306	Low Active HEX Hi Temp Alarm	BAC.306.EV13	If the low active supply water temperature rises above 30 deg C, this alarm is generated.
306	ISAC1_AHU2_FZ~AL	BAC.306.EV4	If TRINAT's air handle unit shuts off due to a freeze-stat trip, this alarm is generated.

EXPER HALL (307)

Device	Name	OBJECT ID	Description

Device	Name	OBJECT ID	Description
307	ISAC1_MEBT_H2O_PSI~A L	BAC.307.EV9	When in alarm, ISAC 1 MEBT cooling water pressure is out of range. This means the cooling water supply pressure (to MEBT equipment) has either dropped below 77 psi or risen above 100 psi. CHECK THE PUMP P3 OR P4 CURRENT DRAW STATUS.

TK2 (310)

Device	Name	OBJECT ID	Description
310	ISAC1_LOW_ACTIVE_TK2 _HI~AL	BAC.310.EV1	IF THE THE LOW-ACTIVE TANK TK2 WATER LEVEL DROPS BELOW ITS FIRST LOW LIMIT, THIS ALARM IS GENERATED.
310	ISAC1_LOW_ACTIVE_TK2 _LO~AL	BAC.310.EV2	IF THE THE LOW-ACTIVE TANK TK2 WATER LEVEL DROPS BELOW ITS SECOND LOW LIMIT, THIS ALARM IS GENERATED.

AHU3/SUMP (311)

Device	Name	OBJECT ID	Description
311	ISAC1_AHU3_RT~AL	BAC.311.EV3	If DDC is calling for ISAC1 Electrical Room 02 recirculating fan, and the room temperature is above 26C or below 15C, this alarm is generated.
311	ISAC1_AHU3_RT~CRITICAL~AL	BAC.311.EV10	If DDC is calling for ISAC1 Electrical Room 02 recirculating fan, and the room temperature is above 26C or below 15C, this alarm is generated.
311	ISAC1_ACTIVE_SUMP L	BAC.311.EV5	IF ISAC1 ACTIVE SUMP HIGH LEVEL IS EXCEEDED, THIS ALARM IS GENERATED.
311	ISAC1_DECONT_SUMP-P UMP_ON~AL	BAC.311.EV6	IF ISAC1 DECON SUMP HIGH LEVEL IS EXCEEDED, THIS ALARM IS GENERATED.

Device	Name	OBJECT ID	Description
311	ISAC1_SANITARY_SUMPH I~AL	BAC.311.EV7	IF ISAC1 SANITARY SUMP HIGH LEVEL IS EXCEEDED, THIS ALARM IS GENERATED.
311	ISAC1_STORM_SUMPHI~A L	BAC.311.EV8	IF ISAC1 STORM SUMP HIGH LEVEL IS EXCEEDED, THIS ALARM IS GENERATED.
311	ISAC1_AHU3_FAN~AL	BAC.311.EV1	If motor current for ISAC1 Electrical Room 02 recirculating fan is low, this alarm is generated.

HOT CELLS (312)

Device	Name	OBJECT ID	Description
312	HOTCELL_N_PRESS~AL	BAC.312.EV2	
312	HOTCELL_S_PRESS~AL	BAC.312.EV1	The exhaust air system maintains a static air pressure in the hot cell that is negative with respect to the sub-basement Room 006. If the static pressure differential is less than 0.5 inches w.c. (125 Pascals) a DDC alarm is generated.

ISAC-II (12360)

Device	Name	OBJECT ID	Description
12360	Panel 300 Monitor	BAC.12360.EV1	
12360	Panel 203 Monitor	BAC.12360.EV5	
12360	Panel 306 Monitor	BAC.12360.EV9	
12360	Panel 310 Monitor	BAC.12360.EV13	
12360	Panel 202 Monitor	BAC.12360.EV4	
12360	Panel 305 Monitor	BAC.12360.EV8	
12360	Panel 309 Monitor	BAC.12360.EV12	
12360	Panel 313 Monitor	BAC.12360.EV16	
12360	Panel 201 Monitor	BAC.12360.EV3	
12360	Panel 308 Monitor	BAC.12360.EV11	
12360	Panel 312 Monitor	BAC.12360.EV15	
12360	Panel 100 Monitor	BAC.12360.EV2	
12360	Panel 301 Monitor	BAC.12360.EV6	
12360	Panel 307 Monitor	BAC.12360.EV10	
12360	Panel 311 Monitor	BAC.12360.EV14	

Total : 59 objects