



# APPLICATION FOR PREAPPROVAL SPECIAL SEISMIC CERTIFICATION OF EQUIPMENT AND COMPONENTS

For Office Use Only

<b>APPLICATION NO.</b>
<b>OSP – 0073-10</b>

Check whether application is: NEW  RENEWAL

1.0 Honeywell Scott Greco  
*Manufacturer* *Manufacturer's Technical Representative*  
12 Clintonville Road, Northford CT, 06472  
*Mailing Address*

203-484-6464 scott.greco@honeywell.com  
*Telephone* *E-mail Address*

2.0 Gamewell-FCI (Other Brands, See Att 1) Fire Alarm Control Panel  
*Product Name* *Product Type*  
E3 Series Emergency Evacuation Systems (Other OEM Models, See Att 1)  
*Product model No (List all unique product identification numbers and/or serial numbers)*

*General Description:* Wall mounted  
Integrated Fire Alarm and Control Panel Systems

3.0 The VMC Group John P. Giuliano, PE  
*Applicant Company Name* *Contact Person*  
113 Main Street, Bloomingdale, NJ 07403  
*Mailing Address*

973-838-1780 john.giuliano@thevmcgroup.com  
*Telephone* *E-mail Address*

I hereby agree to reimburse the Office of Statewide Health Planning and Development for the actual costs incurred by the department for review.

5/28/10

*Signature of Applicant*

*Date*

President  
*Title*

The VMC Group  
*Company Name*



**Registered Design Professional Preparing the Report**

4.0 The VMC Group  
*Company Name*

Ahmed Haider, PE C68541  
*Contact Name* *California License Number*

456-D West Huntington Dr, Arcadia CA 91007  
*Mailing Address*

(973) 838-1780 ahmed.haider@thevmcgroup.com  
*Telephone* *E-mail Address*

**California Licensed Structural Engineer Review and Acceptance of the Report**

5.0 Panache Engineering, Inc.  
*Company Name*

Eui S. Kim S-5138  
*Contact Name* *California License Number*

150 North Santa Ana Ave., Arcadia CA, 91006  
*Mailing Address*

(626) 203-6401 panacheg@gmail.com  
*Telephone* *E-mail Address*

**Anchorage Pre-Approval**

6.0  Anchorage is pre-approved under OPA-  
 (Separate application for anchorage pre-approval is required)

Anchorage is not Pre-approved

**Certification Method**

7.0  Testing in accordance with:  ICC-ES AC-156  Other (Please Specify):

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Analysis

Experience data

Combination of Testing, Analysis, and/or Experience Data (Please Specify):

**Testing Laboratory (if applicable)**

8.0 Trentec Timothy A. Geers  
*Company Name* *Contact Name*

4600 East Tech Dr., Cincinnati, OH 45245  
*Mailing Address*

(513) 528-7900 tgeers@curtisswright.com  
*Telephone* *E-mail:*



**Approval Parameters**

9.0 Design in accordance with ASCE 7-05 Chapter 13:  Yes  No

Design Basis of Equipment or Components ( $F_p/W_p$ ) = 1.45 g's

$S_{DS}$  (Spectral response acceleration at short period) = 1.93 g's

$a_p$  (In-structure equipment or component amplification factor) = 2.5

$R_p$  (Equipment or component response modification factor) = 6.0

$I_p$  (Importance factor) = 1.5

$z/h$  (Height factor ratio) = 1.0

Equipment or Component fundamental period(s) = See Attachment 1

Building period limits (if any) = N/A

Overall dimensions and weight (or range thereof) = See Attachment 1

Equipment or Components @ grade designed in accordance with ASCE 7-05 Chapter 15:  Yes  No

Design Basis of Equipment or Components ( $V/W$ ) =

$S_{DS}$  (Spectral response acceleration at short period) =

$S_1$  (Spectral response acceleration at 1 second period) =

$R$  (Response modification coefficient) = 1.0

$\Omega_0$  (System overstrength factor) = 1.0

$C_d$  (Deflection amplification factor) = 1.0

$I_p$  (Importance factor) = 1.5

Height to Center of Gravity above base =


Equipment or Component fundamental period(s) = Sec

Overall dimensions and weight (or range thereof) =

Tank(s) designed in accordance with ASME BPVC, 2007:  Yes  No

**10.0 List of attachments supporting the special seismic certification of equipment or components:**

- Test Report  Drawings  Manufacturer's Catalog  
 Calculations  Others (Please Specify):

<b>11.0 OSHPD Approval (For Office Use Only)</b>		<b>6/7/2010</b>	<b>December 31, 2013</b>
 Signature & Date		Approval Expiration Date	
<b>Chris Tokas, SHFR</b>		$S_{DS}$ (g) = <b>1.93</b>	$z/h$ = <b>1.0</b>
Name & Title		Special Seismic Certification Valid Up to	
Condition of Approval (if any):			

ATTACHMENT 1

Honeywell Gamewell-FCI Product Line								
Model	Cabinet Style	Cabinet Dims W [in] X H [in] X D [in]	Cabinet Weight [lbs]	UUT # (From Pg 4 of Test Report)	Lowest Natural Frequencies			Other Branding: Model
					S-S; X	F-B; Y	Vert; Z	
Intelligent Network Command Center (INCC)	D-Size	19-3/8" x 41" x 4-1/2"	92 lbs	8	<del>38.5</del>	<del>26.8</del>	<del>47.7</del>	FCI (Canada): CACF-C-D
Intelligent Network Command Center (INCC)	C-Size	19-3/8" x 30" x 4-1/2"	82 lbs	similar to above and below				FCI (Canada): CACF-C-C
Intelligent Network Transponder (INX)	D-Size	19-3/8" x 41" x 4-1/2"	77 lbs	10	<del>38.5</del>	<del>26.8</del>	<del>36.6</del>	none
Intelligent Network Transponder (INX)	C-Size	19-3/8" x 30" x 4-1/2"	67 lbs	similar to above and below				none
Intelligent Network Command Center (INCC)	B-Size	19-3/8" x 19-3/8" x 4-1/2"	56 lbs	9	<del>38.5</del>	<del>22.5</del>	<del>46.5</del>	FCI (Canada): CACF-C-B
Annunciator Panel	A-Size	19-1/4" x 10" x 3"	< 20 lbs					FCI (Canada): CACF-C-A
Annunciator Panel	AA-Size	19-1/4" x 10" x 4-1/2"	< 20 lbs					none
Annunciator Panel	A1-Size	8-3/4" x 10" x 3"	< 20 lbs					none
Annunciator Panel	A2-Size	13-1/4" x 10" x 3"	< 20 lbs					none
7100 Fire Alarm Control Panel	B-CAB	19-3/8" x 19-3/8" x 4-1/2"	46 lbs	11	<del>38.5</del>	<del>29.8</del>	<del>35.8</del>	none
7100-C Fire Alarm Control Panel	B-CAB	19-3/8" x 19-3/8" x 4-1/2"	46 lbs	similar to above and below				none
NS-INX Intelligent Network Transponder	B-CAB	19-3/8" x 19-3/8" x 4"	44 lbs	13	<del>38.5</del>	<del>28.0</del>	<del>47.6</del>	FCI (Canada): INX-C-B
7100 SLIM Fire Alarm Control Panel	602	15-1/2" x 21-1/2" x 4-1/2"	40 lbs	12	<del>38.5</del>	<del>27.5</del>	<del>38.1</del>	
E-Series B-Slim	602	15-1/2" x 21-1/2" x 4-1/2"	38 lbs	similar to above				



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Honeywell Gamewell-FCI Product Line								
Model	Cabinet Style	Cabinet Dims W [in] X H [in] X D [in]	Cabinet Weight [lbs]	UUT # (From Pg 4 of Test Report)	Lowest Natural Frequencies			Other Branding: Model
					S-S; X	F-B; Y	Vert; Z	
The following are Co-Branded with Notifier or Fire-Lite								
					S-S; X	F-B; Y	Vert; Z	
Transponder Module	MBB-2	12" x 9" x 3.25"	< 20 lbs	3	<del>30</del>	<del>26-2</del>	<del>20-3</del>	
BB-200 Back-Up Battery Box	BB-200	30" x 36" x 7.5"	300 lbs	6	N/A	N/A	N/A	
BB-100 Back-Up Battery Box	BB-100	30" x 22" x 7.5"	175 lbs	similarity to above and below				
FCI-LBB Back-Up Battery Box	FCI-LBB	24" x 15" x 8"	100 lbs					
MBB-6 Auxiliary Equipment Box	MBB-6	24" x 12.7" x 6.5"	60 lbs					
BB-26 Back-Up Battery Box (With CHG-75 Charger)	BB-26 (5215)	15.75" x 15.5" x 5.2"	50 lbs	17	N/A	N/A	N/A	
BB-17F Back-Up Battery Box	BB-17F (5134)	14.5" x 8.5" x 4.75"	30 lbs	similar to BB-26 but without charger				
GWACCZ-25/50ZS Voice Evacuation Control Panel	05240	15.5" x 26" x 4.75"	60 lbs	14	N/A	N/A	N/A	
GWACC-25/50 Voice Evacuation Control Panel	05240	15.5" x 26" x 4.75"	58 lbs	similar to above				
GWACC-25/50DAZS Voice Evacuation Control Panel	05240	15.5" x 26" x 4.75"	56 lbs					
GWACC-25/50DA Voice Evacuation Control Panel	05240	15.5" x 26" x 4.75"	54 lbs					
ACC-25/50ZST Voice Evacuation Control Panel	05240	15.5" x 26" x 4.75"	40 lbs					
MS-9200UDLS Addressable Fire Alarm Control Panel	05258	16.7" x 19" x 5.25"	53 lbs	15	N/A	N/A	N/A	
MS-9050UD Addressable Fire Alarm Control Panel	05258	16.7" x 19" x 5.25"	47 lbs	similar to above				
MS-9600UDLS Addressable Fire Alarm Control Panel	05258	16.7" x 19" x 5.25"	45 lbs					
MS-9600LS Addressable Fire Alarm Control Panel	05258	16.7" x 19" x 5.25"	45 lbs					
GF506R Agent Releasing Panel	05258	16.7" x 19" x 5.25"	45 lbs					
GF506D Pre-Action/Deluge Panel	05258	16.7" x 19" x 5.25"	45 lbs					
GF510 Series Fire Alarm Control Panel	05258	16.7" x 19" x 5.25"	45 lbs					
GF505 Series Fire Alarm Control Panel	05258	16.7" x 19" x 5.25"	44 lbs					
FCPS-24FS8 Power Supply Panel	05209	14" x 15" x 2.75"	31 lbs	16	N/A	N/A	N/A	
FCPS-24FS6 Power Supply Panel	05209	14" x 15" x 2.75"	31 lbs	similar to above				
GWF404 Fire Alarm Control Panel	05209	14" x 15" x 2.75"	27 lbs					
GWF402 Fire Alarm Control Panel	05209	14" x 15" x 2.75"	24 lbs					
411UDAC	05202	12.5" x 14.5" x 3.0"	21 lbs					
ROME Relay Panel	05209	14" x 15" x 2.75"	10 lbs					



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**TRENTEC**


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**3.0 Test Item Description**
**Table 3.1**

Test Item Number	Manufacturer	Description
Q0010-01-01-01	Honeywell	Group: IBCS1 / Family: Notifier Model: ONYX Series NFS2-3030 Intelligent 1 to 10 Loop Fire Alarm Control Panel Options: CPU2-3030D, DVC-KD, DVC-EM, DAA-5025, NCM-W, LCD-160, UDACT, AMPS 24, LCM-320, LEM-320, ACM-24AT, APS2-6R, TELH-1, CMIC-1, BAT-12260
Q0010-02-01-01	Honeywell	Group: IBCS2 / Family: Notifier Model: ONYX Series NFS2-640 Intelligent 1 to 2 Loop Fire Alarm Control Panel Options: CPU2-640, KDM-R2, CHG-120, ACPS-610
Q0010-03-01-01	Honeywell	Group: IBCS3 / Family: N/A Model: Transponder Module BB-XP Options: AA-120, XP10-M
Q0010-04-01-01	Honeywell	Group: IBCS4 / Family: Notifier Model: ACPS-610 Addressable Charger Power Supply Options: ACPS-610, BAT-12120
Q0010-05-01-01	Honeywell	Group: IBCS5 / Family: Notifier Model: ONYX FirstVision Interactive Firefighters Display
Q0010-06-01-01	Honeywell	Group: IBCS6 / Family: Notifier Model: BB-200 Back-Up Battery Box Options: BAT121000
Q0010-07-01-01	Honeywell	Group: IBCS7 / Family: Notifier Model: ONYX Series NFS-320 Intelligent Single Loop Fire Alarm Control Panel
Q0010-08-01-01	Honeywell	Group: IBCS8 / Family: FCI - Gamewell Model: E3 Series Intelligent Network Command Center (INCC) Options: LCD, ASM16
Q0010-09-01-01	Honeywell	Group: IBCS9 / Family: FCI - Gamewell Model: E3 Series Intelligent Network Command Center (INCC)
Q0010-10-01-01	Honeywell	Group: IBCS10 / Family: FCI - Gamewell Model: E3 Series Intelligent Network Transponder (INX)
Q0010-11-01-01	Honeywell	Group: IBCS11 / Family: FCI - Gamewell Model: Netsolo 7100 Fire Alarm Control Panel
Q0010-12-01-01	Honeywell	Group: IBCS12 / Family: FCI - Gamewell Model: Netsolo 7100 SLIM Fire Alarm Control Panel
Q0010-13-01-01	Honeywell	Group: IBCS13 / Family: FCI - Gamewell Model: Netsolo Intelligent Network Transponder Options: Audio
Q0010-14-01-01	Honeywell	Group: IBCS14 / Family: Firelite Model: ACC-25/50 Audio Command Center Voice Evacuation Control Panel Options: ACC-AAM25, FC-XRM70, FC-LPS, FC-RM, BAT-12180
Q0010-15-01-01	Honeywell	Group: IBCS15 / Family: Firelite Model: MS-9200UDLS Rev 2 Intelligent Addressable FACP with Built-In Communicator Options: 4XTMF, DP-9692, BB-55F, CHG-120F, XRM-24B, IPDACT-2UD
Q0010-16-01-01	Honeywell	Group: IBCS16 / Family: Firelite Model: FCPS-24FS8 Power Supply
Q0010-17-01-01	Honeywell	Group: IBCS17 / Family: Firelite Model: Battery Box BB-26

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