

Engineered Suppression SystemsDesign Guide

Your Onboard Safe Choice www.sea-fire.com

A Division	of Metalcr	aft, Inc. 9351	G Phila	deiphia R	kd. Baitii	more, MD 2	1237	Tel: 1-410-687-55	00 Fax: 1	-410-6	87-550
Date Completed:						Date quote requested by:					
Boat Builder / Distributor					c	Contact Name:					
Vessel Name:					(Contact Phone No.:					
						Contact E-Mail:					
Flag Authority:											
		NFORMATIC									
	npartment	TVI OTTIVII TITO	714.								
Length:		Width:			Height	:		Or Total GROSS \	/olume		
If Fuel Tanl in the belo		rmanently instal	led tanl	cages are i	ncluded	in the above	Engin	e Compartment (Gro	oss Volume)	, please	e fill
Length:		Width:		Height:				Or Total Volume			
_	I Area is sepa n the below		Engine (Compartm	ent and	is not include	ed in t	he above Engine Con	npartment	Volume	2,
Bilge Area											
Length:		Width:			Height:			Or Total Volu			
Other area	to be prote	ected such as Laz	arette,	Garage, Pu	ımp Roo	m, Paint Locl	ker, et	c.			
Please indi	cate the Are	ea:									
Length:	n: Width:		Height:		:	Or Total Volume					
Please indi	 cate the Are	ea:									
Length:		Width:			Height:			Or Total Volu	otal Volume		
Length.		Wiatii.			rieigiic	•		Of Total volume			
Will agent cy	temperatur ylinders be l	receivers: Pre range: Minir ocated inside the om the cylinder	mum Te e protec	mp cted space	? \(\text{Y}\)	Maxi es		P (ta Temp	nk max.)		
APPROV	ALS:										
Check type	of approva	al(s) required.									
TC (Transport Canada)		Maritime New Zealand		BV (Bureau Veritas)		CE (Certified European)		DNV (Det Norske Veritas)	GL (Germani Lloyo		
Lloyds/MCA		Australia				ABS		USCG ME			
(Maritime Coastal		(National Marine Safety		(Registro	, ⊔¦	(American Bureau of		(United States Coast	(Marine Equipment		



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A Division of Metalcraft, Inc. 9351 G Philadelphia Rd. Baltimore, MD 21237 Tel: 1-410-687-5500 Fax: 1-410-687-5503

DRAWING REQUIRED:

In order to preform System flow calculations, the following information must be provided.

- 1. Provide the following sketches of each area to be protected.
 - (A. Plan View B. Elevation C. Cross Sections D. Potential Piping Isometric)
- 2. Place the cylinders(s) location(s) on the sketch and complete the piping isometric.

NOTE: If moisture is present, place the cylinders at least two inches off the deck.

3. Locate all hatches and vents that need to be closed with pressure trip devices.

OPTIONS:

Sunnression Agent: = =	equired equired	Preferred Preferred	Quote Both							
Is a time delay necessary? NO YES 32 second time delay (pneumatic) 30 second time delay (electric)										
Audible devices required? NO YES Horn Strobe via pressure switch or Siren via N ₂ pressure operated										
Please choose a method of system actuation: a. Automatic via Heat Actuated Devices (HAD) and Manual Remote Pull Station b. Manual ONLY – via manual remote pull station c. Automatic via Electric Release Panel (with 30 second time delay) (NOT USCG approved) d. Manual ONLY via Electric Release Panel (with 30 second time delay) (NOT USCG approved)										
Determine the length of the manual release cable and the location of the manual release station: Length required: If second manual release station is required, please indicate below.										
Length required: Location:										
Specify the Engine Shutdown Restart System: number of devices to shutdown.										
a. Type of Engine:										
b. Type of Generator:	12 V 24 V Number of Generators:									
c. Air Intakes:	12 V 24 V 110 V 220 V Numbers:									
d. Other Devices:	12 V 24 V 110 V 220 V Numbers:									
If above devices are not located in the Engine Room, please indicate the location										