## Design Questionnaire For Electrically Trace Heated Hose

HOSE SPECIFICA	TION			
Hose Type:				
Nominal Bore:		[inches]	Hose Length:	[1 - 10 meters]
End Fitting One: End Fitting Two:				
Ind Fitting Two.				
	DITIONS			
Maximum Workin	g Pressure:	Bar	Vacuum Require	ements: mBar
	num bend ra <mark>dius r</mark>			
	-		<u>s</u> and not twice that of	the standard GP+SS
-	our product litera	ture.		
Fluid To Be Transf	erred: a Sheet if possible	)		
Ambient Tempera			Min.	°C Max.
_ocation:	Indoors	Outdoors		
Will the hose be s	ubject to external	corrosion from chem	icals, water, etc?	YES NO
f Yes please descr	ibe:			
			eaning)	YES NO
If Yes please descr	ibe:		· · · · · · · · · · · · · · · · · ·	
·		f the hose: (E.g. Tank		
Brief description o	f the exact duty of	f the hose: (E.g. Tank		Self Regulating Heate
Brief description o	f the exact duty of REMENTS	f the hose: (E.g. Tanki ain Temperature:		
Brief description of HEATING REQUI Min. Startup	of the exact duty of REMENTS Mainta	ain Temperature: °C	er Off Loading) °C Max. Operating:	<u>Self Regulating Heate</u>
Brief description of HEATING REQUI Min. Startup Max. Exposure	f the exact duty of REMENTS Mainta	ain Temperature: °C °C	er Off Loading)	Self Regulating Heate
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage:	f the exact duty of REMENTS Mainta 220-240v	ain Temperature: °C °C 110-120v	er Off Loading) er Max. Operating: Max. Allowable: *	<u>Self Regulating Heate</u> °C
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir	f the exact duty of REMENTS Mainta Mainta 220-240v ed length of of ext	ain Temperature: °C °C 110-120v ternal heater leads? (	er Off Loading) er Off Loading)  °C Max. Operating: Max. Allowable: * default 2)	Self Regulating Heater °C °C [m]
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir	f the exact duty of REMENTS Mainta 220-240v ed length of of ext is to have the Ele	ain Temperature: °C °C 110-120v	er Off Loading) er Off Loading) C Max. Operating: Max. Allowable: * default 2) End 1	<u>Self Regulating Heate</u> °C
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN	f the exact duty of REMENTS Mainta 220-240v ed length of of ext is to have the Ele * must use at lea	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? ast 30 Amp circuit bre	er Off Loading) er Off Loading) C Max. Operating: Max. Allowable: * default 2) End 1	Self Regulating Heater °C °C [m]
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN Area Classification	f the exact duty of REMENTS Maint: 220-240v ed length of of ext e is to have the Ele * must use at lea MENTS	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? <i>ast 30 Amp circuit bre</i> Non-Hazardous	er Off Loading) er Off Loading) C Max. Operating: Max. Allowable: * default 2) End 1 caker	Self Regulating Heater °C °C [m] End 2
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN Area Classification N/A Zone 0	f the exact duty of REMENTS Mainta 220-240v 220-240v ed length of of ext a is to have the Ele * must use at lea MENTS In which an expl	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? <i>ast 30 Amp circuit bre</i> Non-Hazardous osive Gas/Air mixture	er Off Loading) Provide the second s	Self Regulating Heater °C °C C [m] End 2
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN Area Classification V/A Zone 0 Zone 1	f the exact duty of REMENTS Mainta 220-240v ed length of of ext e is to have the Ele * must use at lea MENTS In which an expl In which an expl	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? <i>ast 30 Amp circuit bre</i> Non-Hazardous osive Gas/Air mixture osive Gas/Air mixture	er Off Loading) er Off Loading) C Max. Operating: Max. Allowable: * default 2) End 1 caker e is continuously presen is likely to occur in nor	Self Regulating Heater C C C C C C C C C C C C C
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN Area Classification N/A Zone 0	f the exact duty of REMENTS Mainta 220-240v ed length of of ext e is to have the Ele * must use at lea MENTS In which an expl In which an expl	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? <i>ast 30 Amp circuit bre</i> Non-Hazardous osive Gas/Air mixture osive Gas/Air mixture	er Off Loading) Provide the second s	Self Regulating Heate C C C C C C C C C C C C C
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN Area Classification N/A Zone 0 Zone 1 Zone 1 Zone 2	f the exact duty of REMENTS Mainta 220-240v 220-240v ed length of of ext a is to have the Ele * must use at lea MENTS In which an expl In which an expl In which an expl In which an expl	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? <i>ast 30 Amp circuit bre</i> Non-Hazardous osive Gas/Air mixture osive Gas/Air mixture	er Off Loading) er Off Loading) C Max. Operating: Max. Allowable: * default 2) End 1 caker e is continuously presen is likely to occur in nor	Self Regulating Heater C C C C C C C C C C C C C
Brief description of HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN AREA REQUIREN	f the exact duty of REMENTS Mainta 220-240v ed length of of ext e is to have the Ele * must use at lea MENTS In which an expl In which an expl In which an expl In which an expl	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? ast 30 Amp circuit bre Non-Hazardous osive Gas/Air mixture osive Gas/Air mixture osive Gas/Air mixture	er Off Loading) C Max. Operating: Max. Allowable: * default 2) End 1 e is continuously presen is likely to occur in nor is not likely to occur in	Self Regulating Heater C C C C C C C C C C C C C
HEATING REQUI Min. Startup Max. Exposure Supply Voltage: What is the requir Which end of hose AREA REQUIREN Area Classification N/A Zone 0 Zone 1	f the exact duty of REMENTS Mainta 220-240v ed length of of ext e is to have the Ele * must use at lea MENTS In which an expl In which an expl In which an expl In which an expl	ain Temperature: °C °C 110-120v ternal heater leads? ( ectrical Connections? ast 30 Amp circuit bre Non-Hazardous osive Gas/Air mixture osive Gas/Air mixture osive Gas/Air mixture	er Off Loading) er Off Loading) C Max. Operating: Max. Allowable: * default 2) End 1 caker e is continuously presen is likely to occur in nor is not likely to occur in - 300°C T3	Self Regulating Heater C C C C C C C C C C C C C

f area is hazardo	us) T4 -	135°C 🗌 T5 - 10	0°C 🗌 🛛 T	6 - 85°C 🗌
re there anv unu	isual external con	ditions that could create a	Potentially Explosiv	ve Atmosphere or fire
		present? For example, airl		•
ease state:				
ease state the ga	as grouping: (furt	her gases may be identified	d in Table 7 BS 5345	5: Part 1)
	Gas Group	Representative	T-Class	Ignition
	•	Gas		Temperature
	I	Methane	T1	595°C
	IIA	Propane	T1	470°C
	IIB	Ethylene	T2	425°C
	IIC	Hydrogen	T1	560°C
ONTROL REQU	IREMENTS			
may be necessa	ry to use sensors	and controllers with self-re	egulating heaters w	hen very tight
•		flex will advise of this if app		
ontrollers are su onduit.	pplied with PT100	) (RTD) temperature senso	rs connected to the	hose via flexible
Hazardous Area	conditions apply	, it is possible to supply Spe	ecial Hazardous Are	a Controllers for use

Are cold leads required?		Yes 🗌	No 🗌
Is a Temperature Controller required?		Yes 🗌	No 🗌
Please indicate what kind of sensor is require	red (if any)		
РТ-100 🗌 К-Туре 🗌	Ј-Туре 🗌		
Additional information:			

QUESTIONNAIRE COMPLETED BY:	DATE:	
POSITION:		

The World's Leading Manufacturer of PTFE Flexible Hose Dyson Wood Way, Bradley Business Park Bradley, Huddersfield, West Yorkshire, HD2 1GZ Tel: +44(0)1422 317200 Fax: +44(0)1422 836000 Email: <u>info.aflex@wmfts.com</u> Website: <u>www.aflex-hose.com</u>