

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	0	INITIAL RELEASE	4/26/11	IC
	1	CHANGE BATTERY PACK	7/21/11	IC
	2	ADD CONDITIONS OF USE <i>4/8/11</i>	8/31/11	IC

Hazardous (Classified) Location  
 CLASS I DIVISION 1  
 GROUPS A,B,C,D

VPAC II, VALVE LEAK DETECTOR  
 INTRINSICALLY SAFE FOR  
 CLASS I DIVISION 1  
 GROUPS A,B,C,D T3

NOTE 2  
 SENSOR  
 D9203-IS  
 or  
 D9241-IS

NOTE 3  
 SENSOR  
 VS9203-IS  
 VALVE SQUEAK

CONDITIONS OF USE:

1. THE MODEL 5133 VPAC II VALVE LEAK DETECTOR MAY ONLY BE USED WITH THE MODEL D9203-IS VPAC RESONANT AE SENSOR, MODEL DS9241-IS LOW FREQUENCY VPAC SENSOR AND MODEL VS9203-IS VALVE-SQUEAK SENSOR WITH BUILT IN WAVEGUIDE.
2. CABLE CONNECTING D9203-IS OR D9241-IS SENSOR TO VPAC II IS INTEGRAL PART OF SENSOR AND HAS LENGTH 6' ±1".
3. VS9203-IS SENSOR TO BE CONNECTED DIRECTLY TO VPAC II AND SECURED TO DETECTOR'S BODY.
4. VPAC II, INTRINSICALLY SAFE VALVE LEAK DETECTOR TO BE USED WITH BATTERY PACK P/N: 5133-5095 ONLY. THIS BATTERY PACK CONTAINS 4 NH15 RECHARGEABLE CELLS AND PROTECTION CIRCUIT FOR SAFE OPERATION.
5. REPLACEMENT OF BATTERY PACK IS ALLOWED IN NON-CLASSIFIED (SAFE) AREAS ONLY.
6. CHARGE OF BATTERY PACK IS ALLOWED IN NON-CLASSIFIED (SAFE) AREAS ONLY.
7. THE MODEL 5133 VPAC II VALVE LEAK DETECTOR HOUSING CONTAINS ALUMINUM AND IS CONSIDERED A POTENTIAL RISK OF IGNITION BY IMPACT OR FRICTION. CARE MUST BE TAKEN INTO ACCOUNT DURING INSTALLATION AND USE TO PREVENT IMPACT AND FRICTION.
8. TO AVOID ELECTROSTATIC DISCHARGE CLEAN PLASTIC SURFACES WITH DAMP CLOTH.

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SCHEDULE DRAWING  
 No modifications permitted without reference to the certifying agency

PROJECT NO. 5133 VPAC II 2-377	MISTRAS Group Inc. Products & Systems Division	© 2011 195 CLARKSVILLE ROAD PRINCETON JUNCTION, NJ 08550
APPROVALS	DATE	TITLE:
DRAWN IC	7/21/11	VPAC II, CONTROL DRAWING
OPTIONAL		
ENG. <i>Jay N. [Signature]</i>	1/13/12	
MFG. <i>[Signature]</i>	1/16/12	
Q.A. <i>[Signature]</i>	4/13/12	
SIZE B	FILE NAME 5133-5200_R0 REFLECTOR, VPAC II.dwg	DRAWING NO. 5133-6000
SCALE: NTS		SHEET 1 OF 1