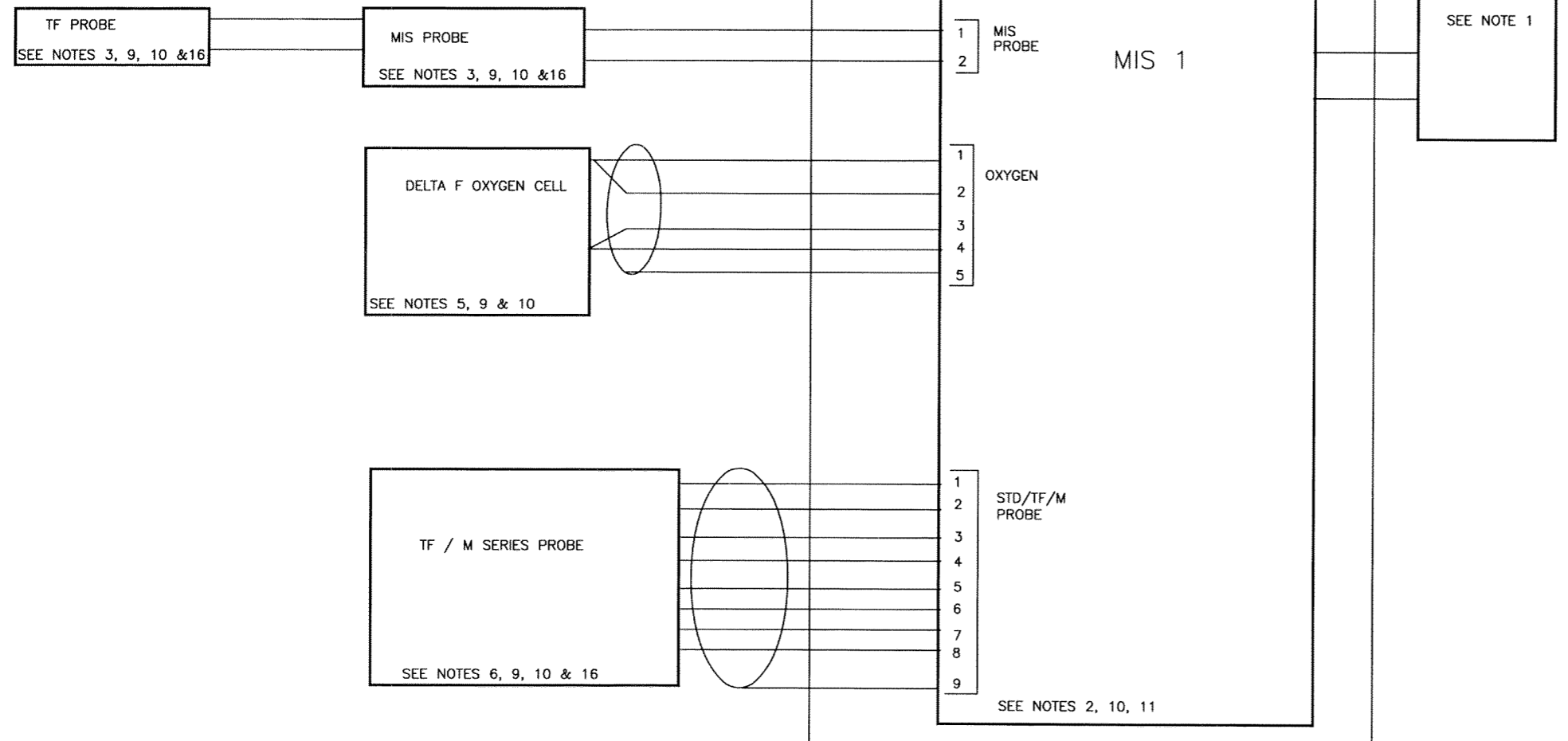


REVISIONS					
REV	ECO	DESCRIPTIONS	DWN	CKD	APVD
C	05347	REPLACED FORMAT & UPDATED PER ECO	JCF 6/21/04	Dms 7-7-04	PMF 7-7-04

HAZARDOUS LOCATION
CLASS I, DIVISION 1, GROUP A,B,C,D
INTRINSICALLY SAFE / SECURITE INTRINSQUE

NON-HAZARDOUS OR HAZARDOUS
CLASS I, DIVISION 2, GROUP B,C,D LOCATION
ASSOCIATED EQUIPMENT/ APPAREILLAGE CONNEXE

NON-HAZARDOUS LOCATION

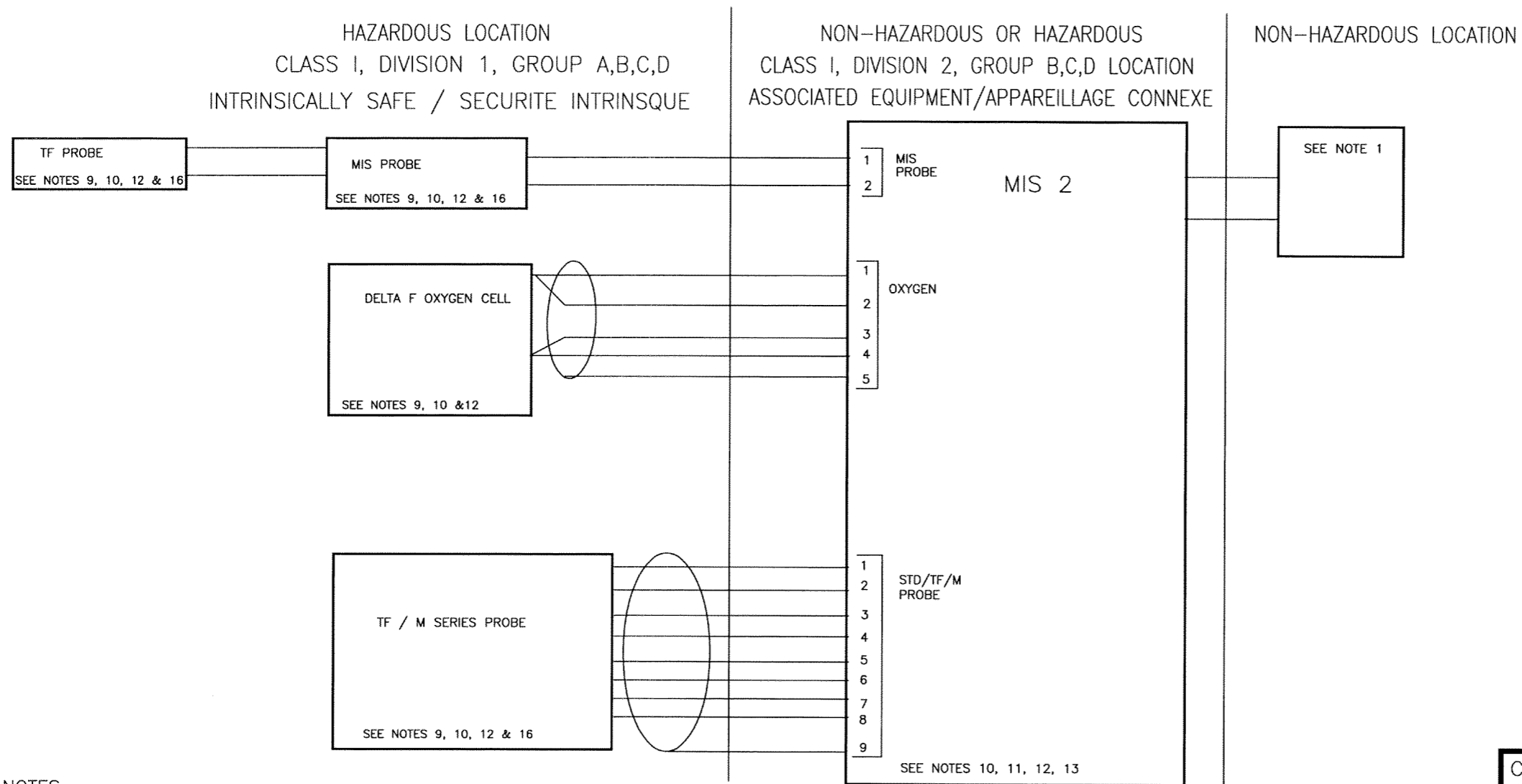


CSA CONTROLLED DOCUMENT DO NOT ALTER WITHOUT CSA AUTHORIZATION

- NOTES:
1. APPARATUS WHICH IS UNSPECIFIED EXCEPT THAT IT MUST NOT USE OR GENERATE MORE THAN 250VRMS OR 250VDC. FOR DIVISION 2 APPLICATIONS POWER TO THE MIS 1, MIS 2 OR MIS 3 MUST BE SUPPLIED IN ACCORDANCE WITH DIVISION 2 WIRING METHODS AS DOCUMENTED IN THE CEC.
 2. FOR CLARITY PURPOSES ONE OUTPUT CHANNEL IS SHOWN, MIS 1 HAS THE OPTION FOR CONNECTION OF 6 OUTPUT OPTIONS AS DESCRIBED.
 3. A SINGLE TF PROBE MAY BE CONNECTED TO EACH OF THE MIS PROBE SOCKETS.
 4. A SINGLE MIS PROBE MAY BE CONNECTED TO EACH OF THE 6 MIS PROBE TERMINALS OF THE MIS 1.
 5. A SINGLE DELTA F OXYGEN SENSOR MAY BE CONNECTED TO EACH OF THE OXYGEN OXYGEN TERMINALS OF THE MIS 1.
 6. A SINGLE TF OR M SERIES PROBE MAY BE CONNECTED TO EACH OF THE STD/TF TERMINALS OF THE MIS 1.

MIS 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES ± $\frac{\dots}{\dots}$.XX ± .01 ± $\frac{\dots}{\dots}$.XXX ± .005 SURFACE FINISH 125 ✓					
	THIRD ANGLE PROJECTION		TITLE IS SYSTEM DIAGRAM		
© COPYRIGHT 1997 GENERAL ELECTRIC CO.	DRAWN LML 11/18/99	APP'D PMF 11/29/99	CHECKED MPT 11/29/99	SALES	SIZE B
PROPRIETARY INFORMATION - THIS DRAWING CONTAINS PROPRIETARY INFORMATION OF GENERAL ELECTRIC CO. AND MAY NOT BE VIEWED OR DISCLOSED TO OTHERS, EXCEPT WITH THE WRITTEN PERMISSION OF GENERAL ELECTRIC CO.	CERT RN 4880	QC GENERATED USING AUTOCAD	DRAWING NUMBER 752-138		REV C
MODEL NO. MIS 1, 2 & MMS 3	SCALE NONE	DO NOT SCALE DWG		SHEET 1 OF 3	



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NOTES:

7. REFER TO CANADIAN ELECTRICAL CODE FOR ALLOWABLE CABLE PARAMETERS AND LENGTHS AND ALL INSTALLATIONS MUST BE IN ACCORDANCE WITH THE CANADIAN ELECTRICAL CODE PART 1.
8. WARNING – SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.
AVERTISSEMENT – LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SECURITE INTRINSEQUE.
9. TF/M SERIES PROBE, MIS PROBE AND THE DELTA F OXYGEN SENSOR ARE INTRINSICALLY SAFE FOR USE IN CLASS I, DIVISION 1, GROUP A,B,C,D HAZARDOUS LOCATIONS WHEN INSTALLED IN ACCORDANCE WITH THIS DRAWING.
10. OPERATING AMBIENTS:

TF/M SERIES PROBES	70°C	T4
MIS PROBE	80°C	T4
DELTA F OXYGEN SENSOR	50°C	T5
MIS 1, MIS 2 & MMS 3	50°C	T5
11. DO NOT CONNECT OR DISCONNECT INPUT POWER OR REMOVE FUSE UNLESS POWER HAS BEEN SWITCHED OFF OR IF AREA IS KNOWN TO BE NON-HAZARDOUS.
12. A SINGLE DELTA F OXYGEN SENSOR, TF/M SERIES SENSOR AND A SINGLE MIS PROBE WITH A TF SENSOR MAY CONNECT TO THE DESIGNATED TERMINALS OF THE MIS 2.
13. THE MIS 2 AND MMS 3 HAVE AN OPTIONAL POWER SOURCE, A 12V, 5Ah, RECHARGABLE BATTERY.

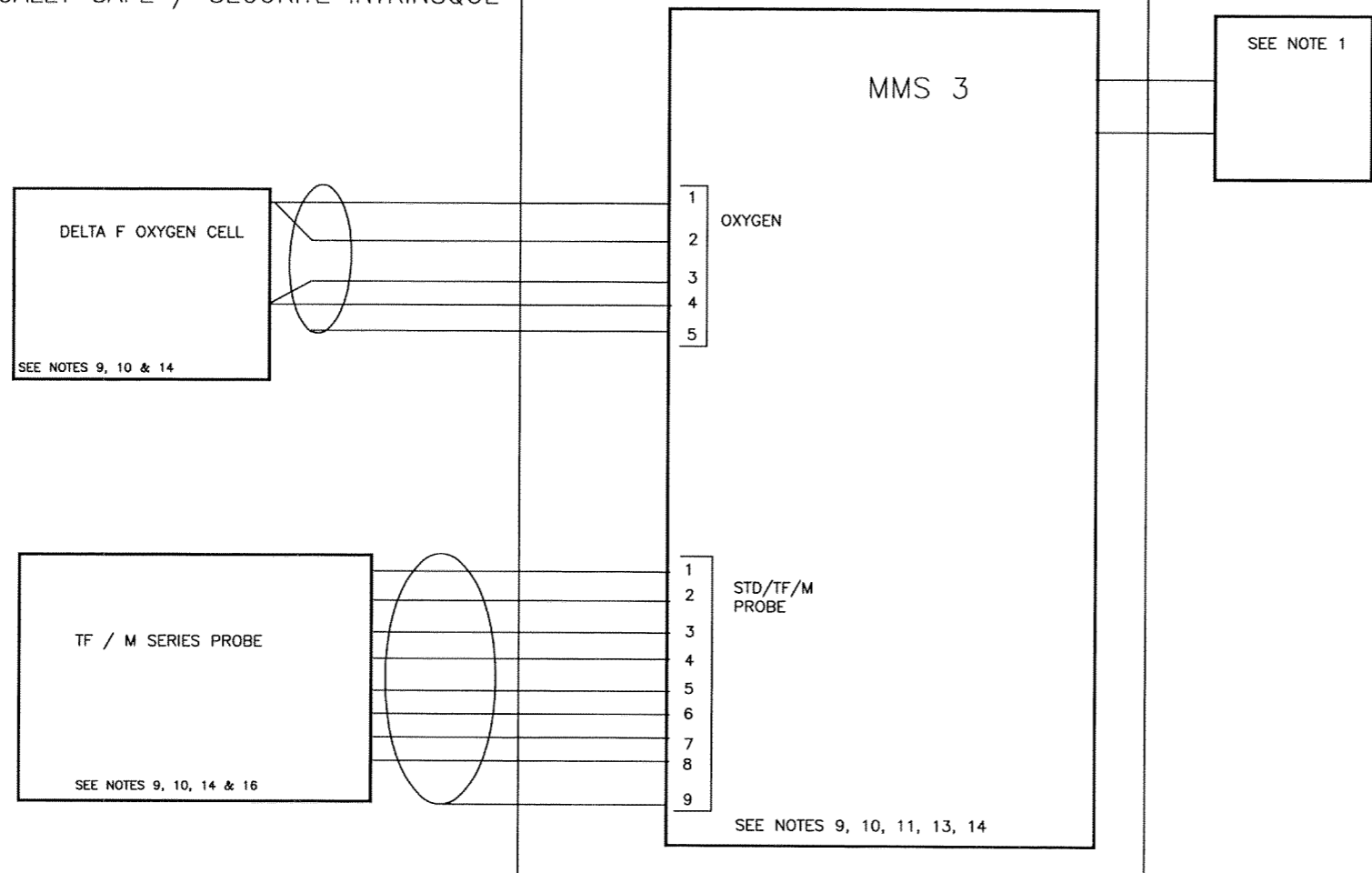
MIS 2

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	CERT	QC			

HAZARDOUS LOCATION
CLASS I, DIVISION 1, GROUP A,B,C,D
INTRINSICALLY SAFE / SECURITE INTRINSQUE

NON-HAZARDOUS OR HAZARDOUS
CLASS I, DIVISION 2, GROUP B,C,D LOCATION
ASSOCIATED EQUIPMENT/ APPAREILLAGE CONNEXE

NON-HAZARDOUS LOCATION



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NOTES:

- 14. A SINGLE DELTA F OXYGEN SENSOR AND SINGLE TF/M SERIES PROBE MAY CONNECT TO THE DESIGNATED TERMINALS OF THE MMS 3.
- 15. "WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2" and, "AVERTISSEMENT - RISQUE D'EXPLOSION - LA SUBSTITUTION DE COMPOSANTS PEUT RENDRE CE MATERIAL INACCEPTABLE POUR LES EMPACEMENTS DE CLASSE I, DIVISION 2."

"WARNING - EXPLOSION HAZARD - DO NOT REPLACE FUSE UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS" and "AVERTISSEMENT - RISQUE D'EXPLOSION - COUPER LE COURANT OU S'ASSURER QUE L'EMPLACEMENT EST DESIGNE NON DANGEREUX AVANT DE REPLACER LE FUSE."

"WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS" and "AVERTISSEMENT - RISQUE D'EXPLOSION - AVANT DE DECONNECTER L'EQUIPEMENT, COUPER LE COURANT OU S'ASSURER QUE L'EMPLACEMENT EST DESIGNE NON DANGEREUX."

- 16. MAXIMUM WORKING PRESSURE FOR TF/M SERIES AND MISP PROBES IS 34,474 KPA

MMS 3

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	CHECKED MPT 11/29/99	SALES	B	752-138	C
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