S E R V I C E N O T E

SUPERSEDES: None

5DX Structural Process Test Systems Series I Systems (E7201,E7202,E7203) Series II Systems (E7268,E7269,E7270) Series 2L Systems

Serial Numbers: US00000000 / USxxxxx329

WARNING

Possible X-Ray Radiation Hazard

A lead safety shield mounted inside one of the 5DX Main Cabinet sliding access panels was found unglued and laying in the area between the key access bracket and the sliding access panel opening. The missing shield was discovered when the customer's operator opened the sliding access panel to retrieve a jammed board. Division conducted a test by performing a radiation survey on a Demo 5DX System. Both sliding access panel safety shields were removed and the 5DX operated at full power. The test survey indicated that the radiation leakage was far below the maximum safe operating level of .15mR/hr for the 5DX.

Continued

DATE: January 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: **SAFETY**					
ACTION CATEGORY:	☐ ON SPECIFIED FAILURE ■ AGREEABLE TIME	STANDARDS: 0.5 LABOR			
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ■ ON-SITE ☐ SERVICE CENTER	SERVICE INVENTORY:	☐ RETURN ☐ SCRAP ■ SEE TEXT	USED PARTS:	☐ RETURN ☐ SCRAP ■ SEE TEXT
AVAILABILITY:	ALWAYS	AGILENT RESPONSIBLE UNTIL : ALWAYS			
AUTHOR: KDP	ENTITY: 0980	ADDITIONAL INFORMATION:			

Agilent Technologies

To be performed By: Agilent-Qualified Personnel

Parts Required: E7200-07941

Situation:

If the glue bonding for the lead safety shield breaks down, the shield could fall from its intended support mount. The only way to determine the situation is to open each sliding access panel and visually check that each shield is correctly fixed in position. The shield is located under the sliding access behind the keylock. The shield is approximately 1 inch (25mm)wide, 17 inches (245mm) long and 1/8 inch (3mm) thick.

Solution / Action:

This Product Safety note serves as an immediate notification of a possible radiation safety issue. If the lead safety shield does fall from the support mount, complete the 5DX X-ray Radiation Safety procedure to verify that no radiation leakage exceeds the .15 mR/hr level. Then use a quick drying contact cement applied to the cabinet mounting surface and to the safety shield and re-install the lead shield. Install the lead safety shield trap P/N E7200-07941.

Preventive Action:

During the next scheduled customer site visit install the lead safety shield trap p/n E7200-07941.