



TTR Shut Down Procedure for Test Chambers

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Abstract:

This procedure is to establish general requirements for taking the Test Chambers out of service.

SSC LABORATORY PROCEDURE	NUMBER GEM-TN-92-159	REV	PAGE 1 of 2
	EFFECTIVE DATE 10-9-92	SUPERSEDES	
	SPONSORING FUNCTION GEM		
	APPROVED BY F. Gilman <i>Fredrick J. Gilman</i>		
SUBJECT TTR Shut Down Procedure for Test Chambers			

1.0 PURPOSE

This procedure is to establish general requirements for taking the Test Chambers out of service.

2.0 SCOPE

The scope of this procedure is limited to the routine operation of the TTR and the Test Chambers. It allows for the safe deactivation of the Test Chambers.

3.0 DEFINITIONS

Test Chamber - one of many detection chambers that are to used in the TTR
TTR - Texas Test Rig

4.0 PROCEDURE

The following are the general procedures for shutting down one of the Test technologies for the TTR.

Note: GEM-TN-92-152, TTR Emergency Procedures, will be followed as the situation warrants.

4.1 Test Chamber Purging

4.1.1 The Test Chambers shall be purged in accordance with GEM-TN-92-154, TTR Purging Procedures.

WARNING: Failure to purge or an inadequate purging may result in a potentially flammable mixture inside the Test Chamber.

4.1.2 Purging will be a nominal 10 volume changes of the test chamber.

4.1.3 Appropriate sign off is required from the individual performing the purging operation and one witness verifying that inert gas is used and the completion of this task.

4.2 Disconnect test chamber electrical connections.

4.3 Disconnect test chamber gas line connections.

4.4 Remove test chamber from TTR frame.

4.5 Shutting down the TTR magnet

4.5.1 Slightly reduce amprage to the primary magnet.

4.5.2 Slightly reduce amprage to the secondary magnet.

4.5.3 Repeat 4.5.1 and 4.5.2 until both magnets are off.

NOTE: Removing power from only the secondary magnet will cause interference on computer monitors in the surrounding areas.

5.0 RESPONSIBILITIES

It is the sole responsibility of the TTR Project Manager to ensure the proper implementation of this procedure.

6.0 REFERENCES

GEM-TN-92-154 TTR Purging Procedures
GEM-TN-92-152 TTR Emergency Procedures
Applicable TTR Test Chamber Log Book

7.0 RECORDS

Records of purging of the Test Chamber gas system shall be fully documented in accordance with paragraphs 4.1.3 of this procedure. These records may be an entry in the appropriate TTR Test Chamber Log Book.