



TO ENSURE SAFETY AND CONSISTENCY WHEN INSPECTING FLOW LINE SAFETY RESTRAINT (FSR) EQUIPMENT, SPM ENGINEERING HAS CREATED ANNUAL INSPECTION PROCEDURE 4S24036. THIS DOCUMENT SHOULD BE USED AS A GUIDELINE DURING THE YEARLY INSPECTION AND RE-CERTIFICATION THAT SHOULD BE PERFORMED ON ALL FLOW LINE SAFETY COMPONENTS.

THIS PROCEDURE DETAILS METHODS THAT ARE TO BE USED WHEN INSPECTING SAFETY RESTRAINTS (SPINES & RIBS), FSR ANCHOR ASSEMBLY CROSSOVERS, AND "ANCHOR"-TYPE OR "D"-TYPE SHACKLES. SPEC. 4S24036 SHOULD BE USED IN CONJUNCTION WITH DOCUMENTS SPM SP-2002, MIL-STD-105-E, and SPM PWI-1057RD, DEPENDING UPON HOW EXTENSIVE THE ANNUAL INSPECTION IS (i.e. WHETHER SAMPLE PULL TESTS ARE PERFORMED).

THESE INSPECTIONS SHOULD BE PERFORMED BY QUALIFIED SPM PERSONNEL OR THEIR DESIGNATES. THE FOLLOWING TABLE OUTLINES WHICH DOCUMENTS ARE REQUIRED.

FOR ADDITIONAL INFORMATION IN REGARD TO THE FLOW LINE SAFETY RESTRAINT PROGRAM, ESPECIALLY ON ISSUES DEALING WITH SAFETY AND/OR INSPECTION, PLEASE CONTACT SPM ENGINEERING @ (817) 246-2461. TO SCHEDULE AN ANNUAL FSR INSPECTION PLEASE CONTACT YOUR SPM SALES REPRESENTATIVE.

**THE FOLLOWING IS A LIST OF SPM DOCUMENTS UTILIZED FOR ANNUAL RE-CERTIFICATION OF FSR COMPONENTS**

Document	Requirements for Annual FSR Re-Cert	Comments
<p><b>SPM Spec. 4S24036</b> Flow Line Safety Restraint Annual Re-Certification Procedure</p>	<p>Mandatory</p>	<p>Required document to perform a standard annual FSR re-certification procedure</p>
<p><b>SPM SP-2002</b> Sampling Plan</p>	<p>Optional</p>	<p>Optional documentation that details sampling quantities when performing FSR pull tests</p>
<p><b>MIL-STD-105-E: Sampling</b> Table 1 General Inspection Level 1 AQL 4.0, Table II-A</p>	<p>Optional</p>	<p>Optional documentation that details sampling quantities when performing FSR pull tests</p>
<p><b>SPM PWI-1057RD</b> SPM Refurbished Procedures Manual</p>	<p>Mandatory</p>	<p>Required document to perform an annual re-certification on FSR Anchor Crossover Assys</p>

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