

AMX/FMX ATS Actions

Number	Title	Related Assessment Title	Description	Owner	Status	Due Date
8053.23.2	Review and Update Radiation Analysis Report	Design Reviews - Action Items	The Radiation Analysis Report will need to be reviewed and updated to verify the information related to this review (e.g. shielding dimensions, materials, and location). In addition the Tungsten Max Fan shielding should be included in the report.	Benmerrouche, Mohamed	Closed	1/26/2016
8053.23.1	Provide Shielding Design Dimensions to Radiation Physicis	Design Reviews - Action Items	Beamline Engineer will provide the shielding design dimensions to the Radiation Physicist.	Schneider, Dieter	Closed	12/31/2015
8053.23.3	Verify that the SGB Shielding Area Does not Include the Fasteners	Design Reviews - Action Items	The design team needs to verify that the SGB shielding area does not include the fasteners. Increase the SGB foot print up to the hole pattern to meet the minimum requirements for Bremsstrahlung shields.	Schneider, Dieter	Closed	12/31/2015
8053.23.4	Caps on Aluminum Supports to Avoid Gouging Lead	Design Reviews - Action Items	Provide caps on the top ends of the vertical extruded aluminum supports for the lead to avoid gouging of the lead plates.	Schneider, Dieter	Closed	12/31/2015
8053.23.5	Consider Using Multiple Plates Instead of One Large Plate	Design Reviews - Action Items	Consider using multiple plates (e.g. qty of 4) of lead instead of one large plate 242 kg (533.52lb) so that it is more manageable to install.	Schneider, Dieter	Closed	1/6/2016
8053.23.6	Remove Hoist Rings from the Design	Design Reviews - Action Items	Engineer will remove the hoist rings from the design.	Schneider, Dieter	Closed	1/6/2016
8053.23.7	Larger Gussets for SGB Shield Support Stand	Design Reviews - Action Items	Provide larger gussets in the vertical for the Third SGB Shield support stand.	Schneider, Dieter	Closed	1/6/2016
8053.23.8	Include Means of Adjustment of the Tungsten Block on the Max Fan Shields.	Design Reviews - Action Items	Include means of adjustment of the tungsten block on the Max Fan Shields.	Schneider, Dieter	Closed	1/6/2016
8053.23.9	Include Three Fiducial Points for Surveying on the Max Fan Shield Flange	Design Reviews - Action Items	Include three fiducial points for surveying on the Max Fan Shield flange and include a hole pattern and fixture for orienting the tungsten into the beamline during survey.	Schneider, Dieter	Closed	1/6/2016
8053.23.10	Develop a Clear Plan for the Installation of the AMX Lead Plates	Design Reviews - Action Items	A clear plan needs to be developed for the installation of the AMX Lead Plates. One solution may be to remove the vacuum valve to provide adequate clearance for installation of lower plates.	Schneider, Dieter	Closed	12/31/2015
8053.23.11	Re-evaluate Cooling Lines/Connectors to Assure There is Adequate Space for Connections	Design Reviews - Action Items	Reevaluate cooling lines/connectors that are located directly upstream of the AMX SGB shielding to assure there is adequate space for connections.	Schneider, Dieter	Closed	12/31/2015
8053.23.12	Change Secondary Lead Shielding Drawings from A2 to A1.	Design Reviews - Action Items	Secondary Lead shielding drawings need to be changed from A2 to A1.	Schneider, Dieter	Closed	12/31/2015