Test for NanoLabBuilding/Merging_test_small.ifcxml

Test Id	Input	Expected Result	Actual Result
1 – Metadata edits			
1.a Wall	Added name "Blue wall" to Wall with globalId "2mx4Jk7obAEAjWfuchlX2I"	IfcWall with globalId "2mx4Jk7obAEAjWfuchlX2I" should have name "Blue wall"	As expected.
1.b Opening	Added description "Opening for a pipe" to Opening with globalId "0nHTRzg7P1Mx2h9$obAF_8"	IfcOpening with globalId "0nHTRzg7P1Mx2h9$obAF_8" should have description "Opening for a pipe"	As expected.
1.c Pipe	Added name "Water pipe" to Pipe with globalId "29_bOJXiH3gf6n2gugdTQW"	IfcFlowSegment with globalId "29_bOJXiH3gf6n2gugdTQW" should have name "Water pipe"	As expected.
2 – Placement edits			
2.a Wall	Changed placement of Wall with globalId "2mx4Jk7obAEAjWfuchlX2I"	IfcWall with globalId "2mx4Jk7obAEAjWfuchlX2I" should have a new IfcLocalPlacement	As expected.
2.b Opening	Changed placement of Opening with globalId "0nHTRzg7P1Mx2h9$obAF_8"	IfcOpeningElement with globalId "0nHTRzg7P1Mx2h9$obAF_8" should have a new IfcLocalPlacement	As expected.
2.c Pipe	Changed placement of Pipe with globalId "29_bOJXiH3gf6n2gugdTQW"	IfcFlowSegment with globalId "29_bOJXiH3gf6n2gugdTQW" should now have a new IfcLocalPlacement	As expected.
3 – Give Openings more Walls			
3.a	Added Wall with globalId "2mx4Jk7obAEAjWfuchlX2I" to Opening "0nHTRzg7P1Mx2h9$obAF_8"	An IfcRelVoidsElement relating to the IfcWall and IfcOpening is created	As expected.
4. Delete Pipe			
4.a	Deleted Pipe with globalId "29_bOJXiH3gf6n2gugdTQW"	IfcFlowSegment with globalId "29_bOJXiH3gf6n2gugdTQW" should no longer be in the model.	As expected.
5. Add Opening			
5.a	Created a new Opening.	A new IfcOpeningElement with a new unique globalId should now be in the model.	As expected.
6. Add, Delete and Edit			
6.a	Added an Opening, deleted a Pipe with globalId "29_bOJXiH3gf6n2gugdTQW" and changed name a Wall with globalId "2mx4Jk7obAEAjWfuchlX2I" to "Office Wall".	A new IfcOpeningElement should be in the model, IfcFlowSegment with globalId "29_bOJXiH3gf6n2gugdTQW" should no longer be in the model and IfcWall with globalId "2mx4Jk7obAEAjWfuchlX2I" should be named "Office Wall"	As expected.