***STAAD Pro Smoke Testing  
AUTOPIPE 9.6.1.9***

**STAAD Pro using PipeLink**

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| **Test Scope** | STAAD Pro Export using PipeLink |
| **Performed By** | Mujahid Ali |
| **Date** | 25th September 2014 |
| **Machine** | WIN 7-64-SP1 |
| **Description** | Verification of the ability to export an existing Autopipe model into the STAAD Pro |
| **Models** | QA331A |
| **Testing Status** | Pass |
| **AutoPIPE version** | 9.6.1.9 |
| **STAAD Pro Vesion** | 20.07.10.64 |

**Procedure:**

1. Open structure model Integ\_sample1.std in STAAD Pro and Analyze (Analyze>Run Analysis)
2. Export this structure to AutoPIPE (Piping>Export). Select folder to save and click on start run .pipelink file will be created.
3. Open DAT model (WALKTHRU.dat) from AutoPIPE Examples folder
4. Analyze the model (Analyze> Analyze All).
5. For Insert;

* Insert structure model into walkthru piping model (File>Insert Model> Model from STAAD using PipeLink (\*.pipelink)).
* Open Integ\_sample1.pipelink from saved location folder and import it by checking
* “ Structural Model, Loads and Pipe Connections” option
* “Import Imposed Point Dead Loads” option
* ”Import Support Connections” option
* “Remove any previously imported structures” option

Click next and structure will be inserted into Autopipe WALKTHRU model.

1. Analyze (Analyze> Analyze All) the new model after insertion in Autopipe.
2. For export; Export AutoPIPE model into STAAD Pro (File>Export>Model to STAAD using PipeLink (\*.Pipelink)) \*.pipeLink file will be created.
3. For import; Import AutoPIPE model (Piping>Import in STAAD Pro) and Select the exported \*.pipelink file

**Conditions Tested:**

| **CONDITIONS** | **PASS/FAIL** |
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| All graphic and textural information passed from AutoPIPE to STAAD Pro through PipeLink are “workable” in that environment. | PASS |
| No omissions of translatable information | PASS |
| No STAAD crashes or Hangs | PASS |
| STAAD model is importable to AutoPIPE | PASS |