

Dec 2011 COBie2 Challenge for CMMS/CAFM COBie Consumer Quality Control Worksheet

1. Challenge Meetings/Attendees

- list dates and attendees of all COBie Challenge reviews prior to the final public Challenge.

2. Challenge Submission Requirements

Required File	File URL
Logo file	
Product name	
Product version	
Product commercial availability	
Extent of participation	
EcoBuild Presentation	
COBie Configuration Guide	
COBie Support Contact	

3. Model Used for Checking

Working models:

2011-10-04-Duplex-Dec2011CobieChallenge-v03-Full.zip
http://projects.buildingsmartalliance.org/files/?artifact_id=4303

Final test model:

2011-11-16-Clinic-COBieDec2011Challenge-v06
http://projects.buildingsmartalliance.org/files/?artifact_id=4368

4. Quality Assurance Checklist

Sheet	Description	Included	Result
.Contact	May be checked when reviewing warranty or other information below.		
	Verify Total Number of Contacts: 51	yes	Pass / Fail
	Verify Example Contact: email: fibrdor@fibrdor.com category: 34-31 11 Manufacturer	yes	Pass / Fail

	company: FIB-R-DOR phone: 800-342-7367 Department: Sales OrganizationCode: Fibrdor GivenName: n/a FamilyName: n/a Street: n/a PostalBox: PO Box 13268 Town: Maumelle StateRegion: AR PostalCode: 72113 Country: USA		
.Facility	Verify name of Building: <i>PN 0001</i>	yes	Pass / Fail
	Verify category of Building: <i>11-13 24 14: Clinic</i>	yes	Pass / Fail
	Verify description of Building: <i>Medical-Dental Clinic</i>	yes	Pass / Fail
	Verify Units used for Measurement: <i>meters, square meters, cubic meters</i>	yes	Pass / Fail
.Floor	Identify Number of floors in the building: Count: 5 Name: TOF Footing, Roof-Main, Second Floor, First Floor, Site	yes	Pass / Fail
.Space	Verify Total Number of Spaces: 269	yes	Pass / Fail
	Verify Example Space: Name: 1E16 Category: 13-15 11 34 11: Office Description: BMET Work Station Floor: First Floor GrossArea: 49.58 NetArea: 49.58 Room Tag: (not used for this test) UsableHeight: (not used for this test) SpaceProperties: .attribute checks.	yes	Pass / Fail
	Verify Space Type Count: Number of Spaces of type: 13-15 11 34 11: Office: 61	yes	Pass / Fail

	Verify Example Space: Name: 1C05 Category: 13-41 41 14: Physical Examination Room Description: Visual Field Floor: First Floor GrossArea: 11.34 NetArea: 11.35 Room Tag: n/a UsableHeight: n/a SpaceProperties: .attribute checks	yes	Pass / Fail
	Verify Space Type Count: Number of Spaces of type: 13-41 41 14: Physical Examination Room: 6	yes	Pass / Fail
.Zone	Not tested in this challenge	n/a	n/a
.Type	Verify Total Product Type Count: 155	yes	Pass / Fail
	Verify Example Type Information: Name: Door Type A Category: 23.30.10.00: Doors Description: Flush Solid Core Wood - 0915 x 2134mm Asset Type: Fixed Manufacturer: fibrdor@fibrdor.com Model Number: Standard Fib-R-Dor Warranty Gaurntor Parts/Labor: both fibrdor@fibrdor.com Warranty Duration Parts/Labor: 2, 0 year Replacement Cost: n/a Expected Life: 15 Finish: Solid Core Material: Wood		Pass / Fail
	Verify Strong Typing with Instance Count: Number of Door Type A Components: 178	yes	Pass / Fail
	Verify Example Type Information: Name: AHU Category: 23.75.35.14.17: Modular Indoor Air Handling Units Description: 63300000 J	yes	Pass / Fail

	<p>Asset Type: Fixed Manufacturer: sales@Yorkcom Model Number: AP-500 Warranty Gaurntor Parts/Labor: sales@Yorkcom Warranty Duration Parts/Labor: 1, 1 Replacement Cost: n/a Expected Life: n/a Model Reference: n/a Material: n/a</p>		
	<p>Verify Strong Typing with Instance Count: Total components for this type: 2</p>	yes	Pass / Fail
.Component	<p>Verify Total number of components: 3950</p>	yes	Pass / Fail
	<p>Verify Example Component Information: Name: Door 2D10 TypeName: Door Type A Space: 2D18, 2D10 Description: M_Single-Flush:0915 x 2134mm:0915 x 2134mm:241581 Serial Number: STRD65401 Installation Date: 2011-10-18T07:00:42 Warranty Start Date: 2011-10-18T07:00:42</p>	yes	Pass / Fail
	<p>Verify Example Component Information: Name: AHU-2 TypeName: AHU Space: 2D05 Description: M_Air Handling Unit - Split System - Horizontal:63300000 J:63300000 J:570439 Serial Number: AH 250 PXL 4 Installation Date: 2011-01-14T17:02:59 Warranty Start Date: 2011-01-14T17:02:59</p>	yes	Pass / Fail
.System	<p>Verify Total System Categories: 4 Air Distribution – 01, 02 HVAC Cooling System, HVAC Heating System</p>	yes	Pass / Fail
	<p>Verify a Specific System Component List: System Category: 21-51 51 16: Air Distribution</p>	yes	Pass / Fail

	System Name: Air Distribution- 02 Component Count: 63		
	Verify a Specific System Component List: System Category: 21-51 51 16: Air Distribution System Name: Air Distribution- 02 Component Names: AHU-2	yes	Pass / Fail
.Assembly	Not tested in this challenge	n/a	n/a
.Connection	Not tested in this challenge	n/a	n/a
.Spare	Verify Total Spare Count: 9	yes	Pass / Fail
	Verify an Individual Replacement Part Information: Name: 175W Metal Halide Lamp Category: Spare TypeName: Light Fixture M175 Suppliers: sales@lithonia.com Set Number: n/a Part Number: n/a	yes	Pass / Fail
.Resource	Verify correct import of Material: Name: Boiler chemicals Category: Material Description: n/a	yes	Pass / Fail
	Verify correct import of Tool: Name: Tachometer Category: Tool Description: n/a	yes	Pass / Fail
.job	Verify total number of jobs: 5	yes	Pass / Fail
	Verify total number of Jobs for Specific Type: Type name: AHU Total Count: 2	yes	Pass / Fail
	Verify correct import of full Job Plan: Name: Air Handler Lockout Category: Safety Status: Not Yet Started Type: AHU Description: 1. Turn off power at the control panel. 2. Shut down all auxiliary power to the unit. 3.	yes	Pass / Fail

	<p>Check power readings to insure total shut down. 4. Remove safety pin from the panel.5. Kill power to the device. 6. Wait until all moving parts have been STOPPED. 7. Complete task.</p> <p>Duration: 30 minute Start: 2011-09-14T17:02:58 Frequency: 1 year</p>		
	<p>Verify Correct import of Discrete Job Plan: Name: AHU Annual Maintenance Category: PM Status: Not Yet Started Type: AHU Description: AHU PM Duration: 180 minute Start: 2011-09-14T17:02:58 Frequency: 1 year Task Number: 0 Number of Following Tasks: 18 Correct Sequence of Tasks: 1, 2, 3, 4, ... 18</p>	yes	Pass / Fail
.Impact	Not tested in this challenge	n/a	n/a
.Document	<p>Verify Documents with Specific Product Type: Type: Door Type A Document Count 4</p>	yes	Pass / Fail
	<p>Verify Correct Document Load: Name: Door Type A Product Data Category: Product Data File: Door Type A_ProductData.pdf Description: 0915 x 2134mm</p>	yes	Pass / Fail
.Attribute	<p>Verify Space Attributes: SheetName: Space RowName: 1E16 Name: Volume Value: 216.6 Unit: n/a</p>	yes	Pass / Fail
	<p>Verify Attribute Count: SheetName: Space RowName: 1E16 Total Count: 8</p>	yes	Pass / Fail

	Verify Space Attributes: SheetName: Space RowName: 1C05 Name: Actual Supply Airflow Value: 8.29... Unit: n/a	yes	Pass / Fail
	Verify Attribute Count: SheetName: Space RowName: 1C05 Total Count 8 (not checked due to time restrictions)	yes	Pass / Fail
	Verify Type Attributes: SheetName: Type RowName: Door Type A Name: FireExit Value: false Unit: n/a	yes	Pass / Fail
	Verify Attribute Count: Sheet: Type RowName: Door Type A Total Count: 47 (not checked due to text listing of all attributes, user can check this)	yes	Pass / Fail
	Verify Type Attributes: SheetName: Type RowName: AHU Name: Voltage Value: 460 Unit: V	yes	Pass / Fail
	Verify Attribute Count: Sheet: Type RowName: AHU Total Count: 25	yes	Pass / Fail
	Verify Component Attributes: SheetName: Component RowName: 2D19 Name: AssemblyPlace	yes	Pass / Fail

	Value: factory Unit: n/a		
	Verify Attribute Count: Sheet: Component RowName: 2D19 Total Count: 4 (not checked due to text listing of all attributes, user can check this)	yes	Pass / Fail
.Coordinate	Not tested in this challenge	n/a	n/a
.Issues	Not tested in this challenge	n/a	n/a
.PickLists	Not tested in this challenge	n/a	n/a

{end of checklist}