



# COBIE 101 session 16. job worksheet

## **audience**

this course is for public government officials and business partners who need to understand how COBIE is implemented on their contracts.

## **prerequisite**

COBIE 101. session 4. cobie general overview

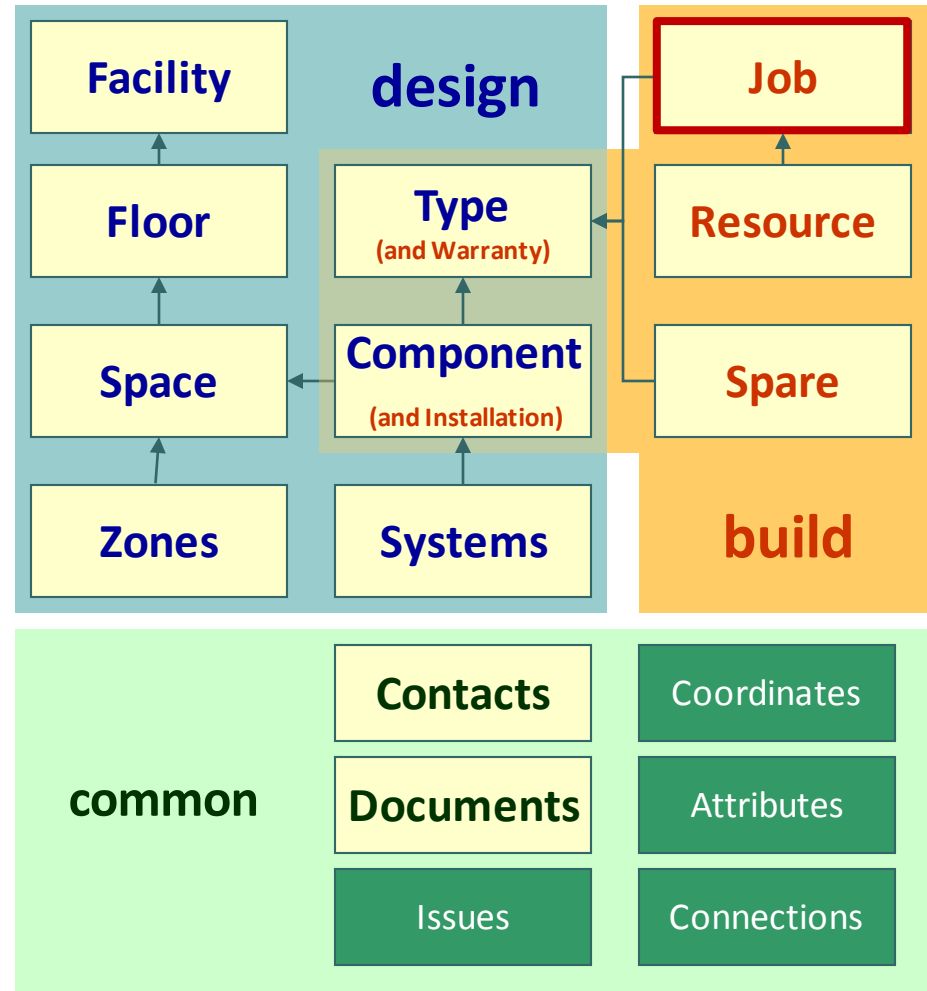
## **objectives**

describe the contents of the COBIE Job worksheet



# resource worksheet

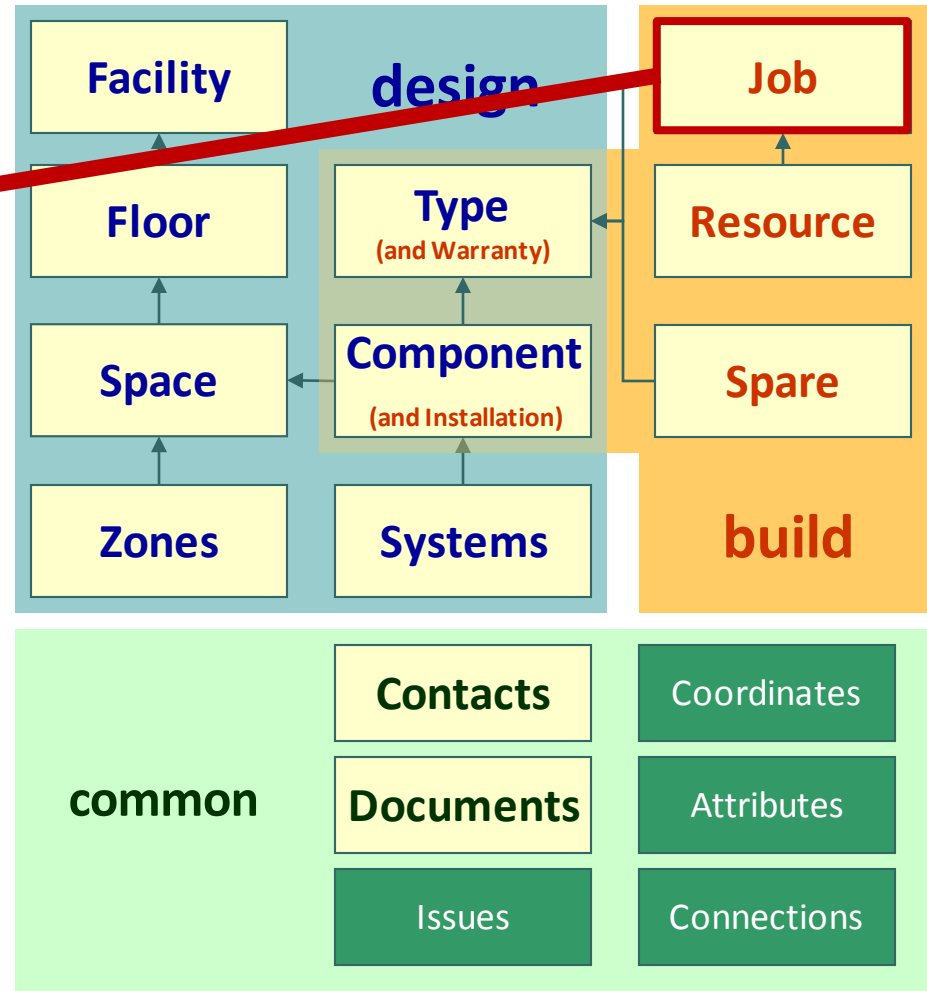
- Adjustments
- Calibrations
- Emergency Operations Plans
- Inspections
- Operational Instructions
- Preventative Maintenance Schedule
- Safety Issues
- ShutDown procedures
- StartUp procedures
- Testing schedule
- Troubleshooting flowchart





# resource worksheet

- Name
- CreatedBy
- CreatedOn
- Category
- Status
- TypeName
- Description
- Duration
- DurationUnit
- Start
- TaskStartUnit
- Frequency
- FrequencyUnit
- ExtSystem
- ExtObject
- ExtIdentifier
- TaskNumber
- Priors
- ResourceNames





# unique name

	A	B	C	D	E	F	G
1	Name	CreatedBy	CreatedOn	Category	Status	TypeName	Description
2	Quarterly Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Inspect hose for cracks., 2. Make sure bracket is secured
3	Annual Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Recharge extinguisher, 2. Replace tag
4	Monthly Fire Alarm Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Check alarm per manufactures instructions
5	Yearly Fire Alarm Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Alarm System	1. Replace batteries in alarm., 2. Cycle alarm
6	Quarterly Water Valve Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Visual inspection of valves for leaks.
7	Annual Overhead Door Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Overhead Coiling Doors Assembly	1. Visually inspect door., 2. Operate door., 3. Lubricate track
8	Quarterly Fire Sprinkler System Pressure	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Perform pressure test of system per manufacturer specific
9	Monthly Fire Sprinkler System Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Replace back up battery., 2. Inspect sprinkler heads., 3.
10	Quarterly Air Compressor Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Compressed air system components	1. Inspect compressor for leaks and tests voltage.
11	Monthly Air Handler Maintenance	pmerletta@pmd				HVAC System Components and Equipment	1. Replace filters., 2. Lubricate bearing., 3. Take airflow read
12	Annual Heater Maintenance	pmerletta@pmd				HVAC System Components and Equipment	1. Replace filters., 2. Clean unit., 3. Temperature check.
13	Quarterly Exhaust Fan Maintenance	pmerletta@pmd				HVAC System Components and Equipment	1. Clean exhaust fan., 2. Perform maintenance check per m
14	Quarterly Fuel Oil System Check	pmerletta@pmd					1. Record system reading.
15	Annual Light Pole Maintenance	pmerletta@pmd					1. Replace light bulb and ballast.
16	Quarterly Grinder Pump Maintenance	pmerletta@pmd					1. Clean strainer on pump., 2. Inspect for leaks., 3. Tighten
17	Monthly Pump Inspections	pmerletta@pmd					1. Inspect seals o-rings and packing.
18	Annual Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace seals o-rings and packing.
19	Annual Transformer Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Transformer	1. Visual inspect transformer
20	Monthly Crane Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended monthly maintenance s
21	Annual Crane Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended annual maintenance sc
22	Evaporative Condenser	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	1. Perform Cleaning Of The Condenser In Accordance With

unique name required for each job record

# authorship information

	A	B	C	D	E	F	G
	Name	CreatedBy	CreatedOn	Category	Status	TypeName	Description
1							
2	Quarterly Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Inspect hose for cracks., 2. Make sure bracket is secured
3	Annual Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Recharge extinguisher, 2. Replace tag
4	Monthly Fire Alarm Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Check alarm per manufactures instructions
5	Yearly Fire Alarm Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Alarm System	1. Replace batteries in alarm., 2. Cycle alarm
6	Quarterly Water Valve Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Visual inspection of valves for leaks.
7	Annual Overhead Door Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Overhead Coiling Doors Assembly	1. Visually inspect door., 2. Operate door., 3. Lubricate track
8	Quarterly Fire Sprinkler System Pressure Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Perform pressure test of system per manufacturer specific
9	Monthly Fire Sprinkler System Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Replace back up battery., 2. Inspect sprinkler heads., 3.
10	Quarterly Air Compressor Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Compressed air system components	1. Inspect compressor for leaks and tests voltage.
11	Monthly Air Handler Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Lubricate bearing., 3. Take airflow reading.
12	Annual Heater Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	Clean unit., 3. Temperature check.
13	Quarterly Exhaust Fan Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	2. Perform maintenance check per manufacturer instructions.
14	Quarterly Fuel Oil System Check	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Check fuel oil level., 2. Check fuel oil pressure., 3. Check fuel oil
15	Annual Light Pole Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Check ballast.
16	Quarterly Grinder Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Clean grinder pump., 2. Inspect for leaks., 3. Tighten
17	Monthly Pump Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Check pump operation., 2. Check pump seals and packing.
18	Annual Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace seals o-rings and packing.
19	Annual Transformer Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Transformer	1. Visual inspect transformer
20	Monthly Crane Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended monthly maintenance schedule
21	Annual Crane Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended annual maintenance schedule
22	Evaporative Condenser	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	1. Perform Cleaning Of The Condenser In Accordance With

author email  
date-time stamp



# external category

	A	B	C	D	E	F	G
1	Name	CreatedBy	CreatedOn	Category	Status	TypeName	Description
2	Quarterly Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Inspect hose for cracks., 2. Make sure bracket is secured
3	Annual Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	Calibrati	Not Yet Started	Fire Extinguishers and wall brackets	1. Recharge extinguisher, 2. Replace tag
4	Monthly Fire Alarm Test	pmerletta@pmd	2009-08-17T16:30:25	Emergen	Not Yet Started	Sprinkler system	1. Check alarm per manufactures instructions
5	Yearly Fire Alarm Inspections	pmerletta@pmd	2009-08-17T16:30:25	Inspectio	Not Yet Started	Fire Alarm System	1. Replace batteries in alarm., 2. Cycle alarm
6	Quarterly Water Valve Inspection	pmerletta@pmd	2009-08-17T16:30:25	Operatic	Not Yet Started	Plumbing Fixtures	1. Visual inspection of valves for leaks.
7	Annual Overhead Door Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Overhead Coiling Doors Assembly	1. Visually inspect door., 2. Operate door., 3. Lubricate track
8	Quarterly Fire Sprinkler System Pressu	pmerletta@pmd	2009-08-17T16:30:25	Safety ShutDown StartUp	Not Yet Started	Sprinkler system	1. Perform pressure test of system per manufacturer specific
9	Monthly Fire Sprinkler System Inspectio	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Replace back up battery., 2. Inspect sprinkler heads., 3.
10	Quarterly Air Compressor Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Compressed air system components	1. Inspect compressor for leaks and tests voltage
11	Monthly Air Handler Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System	airflow rea
12	Annual Heater Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System	check.
13	Quarterly Exhaust Fan Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System	check per r
14	Quarterly Fuel Oil System Check	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fuel Oil Syst	
15	Annual Light Pole Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Lighting Pole	
16	Quarterly Grinder Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Grinder Pump	Tighten
17	Monthly Pump Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	
18	Annual Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace seals o-rings and packing.
19	Annual Transformer Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Transformer	1. Visual inspect transformer
20	Monthly Crane Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended monthly maintenance s
21	Annual Crane Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended annual maintenance scl
22	Evaporative Condenser	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	1. Perform Cleaning Of The Condenser In Accordance With

select from category of items  
what kind of job is it?



# external category

	A	B	C	D	E	F	G
1	Name	CreatedBy	CreatedOn	Category	Status	TypeName	Description
2	Quarterly Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Inspect hose for cracks., 2. Make sure bracket is secured
3	Annual Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Recharge extinguisher, 2. Replace tag
4	Monthly Fire Alarm Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Alarm System	1. Check alarm per manufactures instructions
5	Yearly Fire Alarm Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Alarm System	1. Replace batteries in alarm., 2. Cycle alarm
6	Quarterly Water Valve Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Visual inspection of valves for leaks.
7	Annual Overhead Door Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Overhead Coiling Doors Assembly	1. Visually inspect door., 2. Operate door., 3. Lubricate track
8	Quarterly Fire Sprinkler System Pressure Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Sprinkler system	1. Perform pressure test of system per manufacturer specifications
9	Monthly Fire Sprinkler System Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Sprinkler system	1. Replace back up battery., 2. Inspect sprinkler heads., 3. Test
10	Quarterly Air Compressor Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Compressed air system components	1. Inspect compressor for leaks and tests voltage.
11	Monthly Air Handler Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	
12	Annual Heater Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	
13	Quarterly Exhaust Fan Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	
14	Quarterly Fuel Oil System Check	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fuel Oil System and pumps	
15	Annual Light Pole Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Lighting Poles	
16	Quarterly Grinder Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Grinder Pump Station	
17	Monthly Pump Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	
18	Annual Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace seals o-rings and packing.
19	Annual Transformer Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Transformer	1. Visual inspect transformer
20	Monthly Crane Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended monthly maintenance schedule
21	Annual Crane Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended annual maintenance schedule
22	Evaporative Condenser	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	1. Perform Cleaning Of The Condenser In Accordance With

for jobs completed by contractor prior to beneficial occupancy

# internal category

	A	B	C	D	E	F	G
	Name	CreatedBy	CreatedOn	Category	Status	TypeName	Description
2	Quarterly Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	Inspect hose for cracks., 2.Make sure bracket is secured
3	Annual Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	Recharge extinguisher, 2. Replace tag
4	Monthly Fire Alarm Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	Check alarm per manufactures instructions
5	Yearly Fire Alarm Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	Replace batteries in alarm., 2. Cycle alarm
6	Quarterly Water Value Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	compressed air system components	Visual inspection of valves for leaks.
7	Annual Overhead Door Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	Visually inspect door., 2. Operate door., 3. Lubricate track
8	Quarterly Fire Sprinkler System Pressure	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	TAB Related HVAC Submittals	Perform pressure test of system per manufacturer specific
9	Monthly Fire Sprinkler System Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fuel Oil System and pumps	1. Replace back up battery., 2. Inspect sprinkler heads., 3.
10	Quarterly Air Compressor Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Inspect compressor for leaks and tests voltage.
11					Not Yet Started	HVAC System Components and Equipment	1. Replace filters., 2. Lubricate bearing., 3. Take airflow rea
12					Not Yet Started	HVAC System Components and Equipment	1. Replace filters., 2. Clean unit., 3. Temperature check.
13					Not Yet Started	HVAC System Components and Equipment	1. Clean exhaust fan., 2. Perform maintenance check per r
14					Not Yet Started	Fuel Oil System and pumps	1. Record system reading.
15					Not Yet Started	Lighting Poles	1. Replace light bulb and ballast.
16					Not Yet Started	Grinder Pump Station	1. Clean strainer on pump., 2. Inspect for leaks., 3. Tighten
17					Not Yet Started	Plumbing Fixtures	1. Inspect seals o-rings and packing.
18	Annual Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1.Replace seals o-rings and packing.
19	Annual Transformer Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Transformer	1. Visual inspect transformer
20	Monthly Crane Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended monthly maintenance s
21	Annual Crane Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended annual maintenance scl
22	Evaporative Condenser	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	1. Perform Cleaning Of The Condenser In Accordance With

what type of item is it?

# descriptive information

	A	B	C	D	E	F	G
	Name	CreatedBy	CreatedOn	Category	Status	TypeName	Description
1							
2	Quarterly Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Inspect hose for cracks., 2. Make sure bracket is secured
3	Annual Fire Extinguisher Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Extinguishers and wall brackets	1. Recharge extinguisher, 2. Replace tag
4	Monthly Fire Alarm Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Check alarm per manufactures instructions
5	Yearly Fire Alarm Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Fire Alarm System	1. Replace batteries in alarm., 2. Cycle alarm
6	Quarterly Water Valve Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Visual inspection of valves for leaks.
7	Annual Overhead Door Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Overhead Coiling Doors Assembly	1. Visually inspect door., 2. Operate door., 3. Lubricate track
8	Quarterly Fire Sprinkler System Pressure Test	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Perform pressure test of system per manufacturer specifications
9	Monthly Fire Sprinkler System Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Sprinkler system	1. Replace back up battery., 2. Inspect sprinkler heads., 3. Inspect for leaks.
10	Quarterly Air Compressor Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Compressed air system components	1. Inspect compressor for leaks and tests voltage.
11	Monthly Air Handler Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace filters., 2. Lubricate bearing., 3. Take airflow reading
12	Annual Heater Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace filters., 2. Clean unit., 3. Temperature check.
13	Quarterly Exhaust Fan Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Clean exhaust fan., 2. Perform maintenance check per manufacturer instructions.
14	Quarterly Fuel Oil System Check	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Record system reading.
15	Annual Light Pole Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace light bulb and ballast.
16	Quarterly Grinder Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Clean strainer on pump., 2. Inspect for leaks., 3. Tighten
17	Monthly Pump Inspections	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Inspect seals o-rings and packing.
18	Annual Pump Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Plumbing Fixtures	1. Replace seals o-rings and packing.
19	Annual Transformer Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Transformer	1. Visual inspect transformer
20	Monthly Crane Maintenance	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended monthly maintenance schedule
21	Annual Crane Inspection	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	Crane system, Crane runway track system	Follow manufacturers recommended annual maintenance schedule
22	Evaporative Condenser	pmerletta@pmd	2009-08-17T16:30:25	PM	Not Yet Started	HVAC System Components and Equipment	1. Perform Cleaning Of The Condenser In Accordance With Manufacturer Instructions

what needs to be done?  
individual tasks may be comma delimited?



# automated system reference

	M	N	O	P	Q	R	S	T
	FrequencyUnit	ExtSystem	ExtObject	ExtIdentifier	TaskNumber	Priors	ResourceNames	
1								
2	month		lfcTask		12600		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
3	year		lfcTask		12700		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
4	month		lfcTask		13500		Voltmeter>Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
5	year		lfcTask		13600		Voltmeter>Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
6	month		lfcTask		14800		Pipe Threader,Pipe Cutter,Master Plumber	
7	month		lfcTask		15200		Overhead Door Trac Lubricant,Snap Ring Pliers,Overhead Door Training	
8	month		lfcTask		16300		Amtrol Liquid Sensor,	
9	month		lfcTask		16500		Amtrol Liquid Sensor,	
10	month		lfcTask		17500		North Respirator North Respirator - Air Hose Amtrol Refrigerant Recovery Compressor Certification	
11	month		lfcTask		18000			
12	year		lfcTask		18300			
13	month		lfcTask		18400			
14	month		lfcTask		11300			
15	year		lfcTask		10200			
16	month		lfcTask		19500			
17	month		lfcTask		20200		Power Screwdriver,Grinder Pump Training	
18	year		lfcTask		20300		Power Screwdriver,Grinder Pump Training	
19	year		lfcTask		21200			
20	month		lfcTask		22500		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
21	year		lfcTask		22600		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
22	year		lfcTask		C-12		Contact Cleaner,HVAC Certified	

external system information  
(if automatically created)

# optional (as-specified) information

	M	N	O	P	Q	R	S	T
	FrequencyUnit	ExtSystem	ExtObject	ExtIdentifier	TaskNumber	Priors	ResourceNames	
1								
2	month		lfcTask		12600		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
3	year		lfcTask		12700		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
4	month		lfcTask		13500		Voltmeter,Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
5	year		lfcTask		13600		Voltmeter,Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
6	month		lfcTask		14800		Pipe Threader,Pipe Cutter,Master Plumber	
7	month		lfcTask		15200		Overhead Door Trac Lubricant,Snap Ring Pliers,Overhead Door Training	
8	month		lfcTask		16300		Amtrol Liquid Sensor,	
9	month		lfcTask		16500		Amtrol Liquid Sensor,	
10	month		lfcTask		17500		North Respirator, North Respirator - Air Hose, Amtrol Refrigerant Recovery Compressor Certification	
11	month		lfcTask		18200		North Respirator	
12	year		lfcTask		18300		Radiant Heater	
13	month		lfcTask		18400		Exhaust Fan SV	
14	month		lfcTask		11300		Thermostat for fu	
15	year		lfcTask		10200		Replacemet Glo	
16	month		lfcTask		19500		Grinder Pump F	
17	month		lfcTask		20200		Power Screwdriver,Grinder Pump Training	
18	year		lfcTask		20300		Power Screwdriver,Grinder Pump Training	
19	year		lfcTask		21200			
20	month		lfcTask		22500		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
21	year		lfcTask		22600		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
22	year		lfcTask		C-12		Contact Cleaner,HVAC Certified	

task or activity identifier

# optional (as-specified) information

	M	N	O	P	Q	R	S	T
	FrequencyUnit	ExtSystem	ExtObject	ExtIdentifier	TaskNumber	Priors	ResourceNames	
1								
2	month		lfcTask		12600		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
3	year		lfcTask		12700		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
4	month		lfcTask		13500		Voltmeter>Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
5	year		lfcTask		13600		Voltmeter>Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
6	month		lfcTask		14800		Pipe Threader,Pipe Cutter,Master Plumber	
7	month		lfcTask		15200		Overhead Door Trac Lubricant,Snap Ring Pliers,Overhead Door Training	
8	month		lfcTask		16300		Amptrol Liquid Sensor,	
9	month		lfcTask		16500		Amptrol Liquid Sensor,	
10	month		lfcTask		17500		North Respirator,North Respirator - Air Hose Amptrol Refrigerant Recovery Compressor Certification	
11	month		lfcTask		18200		North Respirator,North Respirator - Air Hose Amptrol Refrigerant Recovery Compressor Certification	
12	year		lfcTask		18300		Radiant Heater Safety	
13	month		lfcTask		18400		Exhaust Fan Switch,C	
14	month		lfcTask		11300		Thermostat for fuel oil p	
15	year		lfcTask		10200		Replacemet Globe,Vo	
16	month		lfcTask		19500		Grinder Pump Packing	
17	month		lfcTask		20200		Power Screwdriver,Grinder Pump Training	
18	year		lfcTask		20300		Power Screwdriver,Grinder Pump Training	
19	year		lfcTask		21200			
20	month		lfcTask		22500		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
21	year		lfcTask		22600		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
22	year		lfcTask		C-12		Contact Cleaner,HVAC Certified	

list of prior tasks

# optional (as-specified) information

	M	N	O	P	Q	R	S	T
	FrequencyUnit	ExtSystem	ExtObject	ExtIdentifier	TaskNumber	Priors	ResourceNames	
1								
2	month		lfcTask		12600		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
3	year		lfcTask		12700		Fire Extinguisher Tags,Power Drill,Power Screwdriver,Keyston Saw,Fire Extinguisher Certification Course	
4	month		lfcTask		13500		Voltmeter,Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
5	year		lfcTask		13600		Voltmeter,Contact Cleaner,Fire Alarm System Certification,Fire Alarm Training	
6	month		lfcTask		14800		Pipe Threader,Pipe Cutter,Master Plumber	
7	month		lfcTask		15200		Overhead Door Trac Lubricant,Snap Ring Pliers,Overhead Door Training	
8	month		lfcTask		16300		Amtrol Liquid Sensor,	
9	month		lfcTask		16500		Amtrol Liquid Sensor,	
10	month		lfcTask		17500		North Respirator, North Respirator - Air Hose Amtrol Refrigerant Recovery Compressor Certification	
11	month		lfcTask		18200		North Respirator, North Respirator	
12	year		lfcTask		18300		Radiant Heater Safety Grill,Hard	
13	month		lfcTask		18400		Exhaust Fan Switch,Contact Cle	
14	month		lfcTask		11300		Thermostat for fuel oil pump,Volt	
15	year		lfcTask		10200		Replacemet Globe,Voltmeter,	
16	month		lfcTask		19500		Grinder Pump Packing,Grinder P	
17	month		lfcTask		20200		Power Screwdriver,Grinder Pump Training	
18	year		lfcTask		20300		Power Screwdriver,Grinder Pump Training	
19	year		lfcTask		21200			
20	month		lfcTask		22500		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
21	year		lfcTask		22600		Crane Cable,R-Grinder Pump O-Rings Grease,Calipher,Bridge Crane Certification	
22	year		lfcTask		C-12		Contact Cleaner,HVAC Certified	

identification of needed resources



# COBIE 101 session 16. job worksheet

## **audience**

this course is for public government officials and business partners who need to understand how COBIE is implemented on their contracts.

## **prerequisite**

COBIE 101. session 4. cobie general overview

## **objectives**

describe the contents of the COBIE Job worksheet