

Static Verification

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER:	PWGSC
PROJECT:	R.060508.003
FILE NUMBER:	15014
DATE:	DD / MM / YYYY

NAMEPLATE			
SUBJECT	Common Interior	LOCATION	
ASSEMBLY	Finishes	DRAWING REFERENCE	

COMPONENTS	SPECIFIED	SHOP DRAWINGS	INSTALLED
OTHER ACCESSORIES			

OTHER ACCESSORIES					
Architectural Field Review & Compliance Activity	Performance Criteria	STATUS			COMMENTS
		YES	NO	N/A	
Construction checklists prepared					
Construction checklists completed					
Field review reports completed					
Compliance test reports completed					
Deficiency (Issues log) created					
Issues Log items addressed					
Verify training completed					
Review required maintenance and data, and systems operations manuals					
INTERIM ACCEPTANCE					
Seasonal Compliance test reports completed					
Issues Log Seasonal items addressed					
Outstanding Cx issues addressed or explained					
FINAL ACCEPTANCE					

POSITION/TITLE	SIGNATURE	DATE

Architectural Field Review and Compliance

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

Architectural Field Review and Compliance
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

Table with 3 columns: POSITION/TITLE, SIGNATURE, DATE

BUILDING SYSTEM INTEGRATION

Static Verification

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

NAMEPLATE			
MANUFACTURER		EQUIPMENT NO.	
SERVICE	ALL RELATED EQUIPMENT AND SYSTEMS	LOCATION	

DESCRIPTION	RELATED SYSTEMS	POWER REQUIREMENTS	OPERATION TESTED & VERIFIED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

BUILDING SYSTEM INTEGRATION

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

BUILDING SYSTEM INTEGRATION

Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DDC FIELD CONTROL PANEL

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE			
MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

	SPECIFIED	SHOP DRAWINGS	INSTALLED
MANUFACTURER			
MODEL NO.			
SERIAL NO.			
TYPE			
I/O INTERFACE			
BATTERY BACKUP			

CONTROLLER INFORMATION	FIELD PANEL 1	FIELD PANEL 2	FIELD PANEL 3
MODEL NUMBER			
POINT CAPACITY			
POINTS USED			
SERIAL NUMBER			

STATIC VERIFICATION ACTIVITY	Y/N	COMMENTS	Y/N	COMMENTS	Y/N	COMMENTS
WIRING TERMINATED						
POWER CONNECTED						
EMERGENCY POWER						
WIRING IDENTIFICATION						
PANEL IDENTIFICATION						
PANEL DIRECTORY						
PANEL ACCESSIBLE						

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DDC FIELD CONTROL PANEL

Startup

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: DD / MM / YYYY

NAMEPLATE

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

STARTUP ACTIVITY	DDC PANEL 1		DDC PANEL 2		DDC PANEL 3	
	Y/N	COMMENTS	Y/N	COMMENTS	Y/N	COMMENTS
VERIFICATION COMPLETE						
POINTS LIST COMPLETE						
NETWORK CONNECTION COMPLETE						
CONTROL PROGRAM INSTALLED						
PANEL COMMUNICATING WITH OWS						
SENSORS CALIBRATED						
PANEL DRESSED						
DIRECTORY INSTALLED						
PANEL IDENTIFICATION INSTALLED						
PANEL CLEANED						

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DDC FIELD CONTROL PANEL
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

Verification Program

NAME:

COMPANY:

ADDRESS:

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: DD / MM / YYYY

MANUFACTURER

EQUIPMENT NO.

SERVICE

LOCATION

GENERAL COMMENTS:[Verification Program] Page 1 of 3

DOMESTIC COLD WATER SYSTEM

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DOMESTIC COLD WATER SYSTEM
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DOMESTIC HOT WATER SYSTEM

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE			
MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

VERIFICATION ACTIVITIES	EQUIPMENT NUMBER	STATUS			COMMENTS
		YES	NO	N/A	
CONTROL INTERFACE VERIFIED					
HOT WATER GENERATORS STARTED BY MANUFACTURER					
HOT WATER GENERATORS VERIFIED					
PRIMARY DOMESTIC HOT WATER PUMP VERIFIED					
RECIRCULATING DOMESTIC HOT WATER PUMP VERIFIED					
CONTROL VALVES VERIFIED					
TEMPERATURE SENSORS VERIFIED					
FLOW MEASURING DEVICES VERIFIED					
HEAT EXCHANGER					
STORAGE TANK(S)					
BALANCING COMPLETE					
DOMESTIC HOT WATER SYSTEM READY FOR FUNCTIONAL PERFORMANCE TESTING					

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DOMESTIC HOT WATER SYSTEM

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DOMESTIC HOT WATER SYSTEM

Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

Static Verification

NAME:

COMPANY:

ADDRESS:

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: DD / MM / YYYY

MANUFACTURER

EQUIPMENT NO.

SERVICE

LOCATION

[illegible]

DRAINAGE SYSTEM
Static Verification

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

NAMEPLATE			
MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

EQUIPMENT NO.	FIXTURE LOCATION	SPECIFIED	SHOP DRAWINGS	INSTALLED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DRAINAGE SYSTEM

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

DRAINAGE SYSTEM
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

EXHAUST FANS

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

EXHAUST FAN	SPECIFIED	SHOP DRAWINGS	INSTALLED
MANUFACTURER			
TYPE/ SIZE			
MODEL NO.			
MOTOR CONTROL CENTRE NO.			
MOTOR HP			
VOLTAGE / PHASE / FREQUENCY			
STATIC PRESSURE AIR (PA)			
FAN RPM			
AIR VOLUME (L/S)			
VIBRATION ISOLATOR TYPE			

EXHAUST FAN	STATUS	COMMENTS
INSTALLED AS PER DRAWINGS & SPECIFICATIONS		
INSTALLED AS PER MANUFACTURER'S REQUIREMENTS		
FAN BEARINGS LUBRICATED		
GREASE EXTENSION LEADS REQUIRED		
FAN ROTATION CORRECT		
FAN CASING CLEANED		
BELT GUARDS INSTALLED		
ALIGNMENT REPORT ATTACHED		
INLET & OUTLET GUARDS INSTALLED		
DUCT GEOMETRY CORRECT		
FLEXIBLE CONNECTORS CORRECT		
VIBRATION ISOLATORS CORRECT		
STARTER & DISCONNECT COMPLETE		
DISCONNECT LOCATION CORRECT		
BELT TENSION		
FAN WHEEL CLEARANCE		
FAN INTERLOCKS CORRECT		
VARIABLE SPEED DRIVE/VOLUME CONTROLS		

EXHAUST FANS

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

AIR DISTRIBUTION SYSTEM

	STATUS	COMMENTS
QUALITY OF DUCT CONSTRUCTION		
SUITABILITY OF DUCT FITTINGS		
DUCTWORK INSULATION		
WALL PENETRATIONS SEALED		
ACCESS FOR INSPECTION & SERVICING		
DUCT MOUNTED ACCESS DOORS CLOSED		
FIRE DAMPERS OPEN		

START-UP

	STATUS	COMMENTS
ALL SYSTEM COMPONENTS STARTED AS DETAILED ON EQUIPMENT START-UP SHEETS.		
DUCTWORK PRESSURE TESTED		
NOISE & VIBRATION		
AIR BALANCING COMPLETE		
AIR BALANCE REPORT ATTACHED		

MOTORIZED DAMPER

	SPECIFIED	SHOP DRAWINGS	INSTALLED
MANUFACTURER			
TYPE OR MODEL NO.			
SUPPLY DAMPER SIZE			
RETURN DAMPER SIZE			

MOTORIZED DAMPER

	STATUS		
	NO. 1	NO. 2	NO. 3
DAMPERS			
DAMPER LOCATION			
AIR LEAKAGE AT SHUTOFF			
NO CRACKS AROUND DAMPER FRAME			
BLADES CLOSE FULLY, SEAL TIGHTLY			
MOTORIZED DAMPER STROKES FULLY OPEN TO FULLY CLOSED			
DAMPER ACCESSIBLE & IDENTIFIED			

EXHAUST FANS

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

MOTORIZED DAMPER	STATUS		
	NO. 1	NO. 2	NO. 3
LINKAGE CONNECTIONS INSTALLED			
FREE MOVEMENT & STROKE			
ACCESS TO DAMPER			
ACTUATOR NOT IN AIR STREAM			
NORMAL POSITIONS AS SPECIFIED			
DAMPER CONTROL SEQUENCES			
MIXING DAMPERS STROKE IN UNISON			
LINKAGE CONNECTIONS INSTALLED			
FREE MOVEMENT & STROKE			
ACCESS TO DAMPER			
ACTUATOR NOT IN AIR STREAM			
NORMAL POSITIONS AS SPECIFIED			
DAMPER CONTROL SEQUENCES			
MIXING DAMPERS STROKE IN UNISON			

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

EXHAUST FANS

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

EXHAUST FANS
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

Static Verification

NAME:

COMPANY:

ADDRESS:

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: DD / MM / YYYY

MANUFACTURER

EQUIPMENT NO.

SERVICE

LOCATION

SPECIFIED

SHOP DRAWINGS

INSTALLED

MANUFACTURER

MODEL NO.

SIZE

SERIAL NO.

STATUS

COMMENTS

MOUNTING CORRECT

SERVICE SPACE ADEQUATE

PIPE SUPPORT & LAYOUT CORRECT

ISOLATING VALVES INSTALLED

BALANCING VALVES INSTALLED

AIR VENTS INSTALLED

DRAIN PAN & PIPING INSTALLED

FILTERS INSTALLED

CONTROL VALVE INSTALLED

THERMOSTAT CORRECT

SPEED SWITCH INSTALLED

VIBRATION & NOISE CORRECT

FRESH AIR DAMPER OPERATIONAL

GENERAL COMMENTS:

POSITION/TITLE

SIGNATURE

DATE _____

FAN COILS

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

FAN COILS

Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

INSULATED MOLDED CASE CIRCUIT BREAKERS

Functional Performance Testing

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: DD / MM / YYYY

NAMEPLATE DATA

MANUFACTURER		SERIAL NO.	
--------------	--	------------	--

EQUIP. TEMPERATURE °C Indicates Temperature Corrected Reading to 20°C

CONTACT RESISTANCE

RESISTANCE TCF:

	PHASE A	PHASE B	PHASE C
INITIAL (MICRO-OHMS)			
INITIAL (MICRO-OHMS)			
CLEANED (MICRO-OHMS)			
CLEANED (MICRO-OHMS)			

ELECTRICAL OPERATIONS

CLOSE		OK	N/A
TRIP		OK	N/A
TRIP-FREE		OK	N/A
ANTIPUMP		OK	N/A

MINIMUM COIL PICKUPS

CLOSE COIL	V
TRIP COIL	V

BOLTED CONNECTION RESISTANCE

MICRO-OHMS

MILLI-OHMS

RESISTANCE TCF:

FROM	TO	PHASE A	PHASE B	PHASE C	NEUTRAL	GROUND

INSULATION TESTS

MEG-OHMS

MICRO-AMPS

INSULATION TCF:

	KV	TIME (min)	PHASE A	PHASE B	PHASE C	NEUTRAL
PHASE-TO-PHASE						
PHASE-TO-GROUND						
LINE-TO-LOAD						

INSULATED MOLDED CASE CIRCUIT BREAKERS

Functional Performance Testing

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

BREAKER NAMEPLATE										
MANUFACTURER				SERIAL NO.						
TYPE				CATALOG NO.						
FRAME SIZE (F)				MOUNTING			B.I.		D.O.	

TRIP UNIT NAMEPLATE										
MANUFACTURER				CT RATIO						
TYPE				RATING PLUG(R)						
THERMAL MEMORY				ON		OFF		SENSOR TAP		
ZONE INTLK		TARGETS								

SETTINGS AS FOUND				LONG TIME PU				DELAY							
RATING PLUG(R)				SHORT TIME PU				DELAY				i ² T	IN	OUT	N/A
SENSOR TAP				INST. PU				ON	OFF						
GRD. FLT.		3W	4W	GRD. FLT. PU				ON	OFF	DELAY		i ² T	IN	OUT	N/A

SETTINGS AS LEFT				LONG TIME PU				DELAY							
RATING PLUG(R)				SHORT TIME PU				DELAY				i ² T	IN	OUT	N/A
SENSOR TAP				INST. PU				ON	OFF						
GRD. FLT.		3W	4W	GRD. FLT. PU				ON	OFF	DELAY		i ² T	IN	OUT	N/A

PRIMARY INJECTION		SECONDARY INJECTION		MFG. TIME CURRENT CURVE NO.	
-------------------	--	---------------------	--	-----------------------------	--

PICKUP TESTS	MFG STANDARD		PHASE A		PHASE B		PHASE C	
	MIN	MAX	FOUND	LEFT	FOUND	LEFT	FOUND	LEFT
INSTANTANEOUS								
LONG TIME								
SHORT TIME								
GROUND FAULT								

TIME DELAY TESTS	MFG STANDARD		PHASE A				PHASE B				PHASE C			
			FOUND		LEFT		FOUND		LEFT		FOUND		LEFT	
	MIN	MAX	AMPS	DELAY	AMPS	DELAY	AMPS	DELAY	AMPS	DELAY	AMPS	DELAY	AMPS	DELAY
INSTANTANEOUS														
LONG TIME														
SHORT TIME														
GROUND FAULT														

INSULATED MOLDED CASE CIRCUIT BREAKERS
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

Static Verification

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER:	PWGSC
PROJECT:	R.060508.003
FILE NUMBER:	15014
DATE:	DD / MM / YYYY

NAMEPLATE			
MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

[illegible]

Static Verification

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER:	PWGSC
PROJECT:	R.060508.003
FILE NUMBER:	15014
DATE:	DD / MM / YYYY

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

START-UP	SPECIFIED	COMMENTS
INSTALLED AS PER DRAWINGS & SPECIFICATIONS		
INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS		
COLD WATER FEED CLEAN		
COLD WATER FEED PRESSURE		
HOT WATER FEED CLEAN		
HOT WATER FEED PRESSURE		
FIXTURE CLEAN		
PIPE ARRANGEMENT & SUPPORT		
NO LEAKAGE FROM SEALS		
FIXTURE WORKS CORRECTLY		

POSITION/TITLE	SIGNATURE	DATE

PLUMBING FIXTURE

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

PLUMBING FIXTURE
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

PUMP

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE			
MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

PUMP	SPECIFIED	SHOP DRAWINGS	INSTALLED
MANUFACTURER			
MODEL			
SERIAL NO.			
PUMP CAPACITY (USGPM)			
PUMP HEAD (FT)			
PUMP RPM			
PUMP CURVE NO.			

PUMP	STATUS	COMMENTS
SPECIFICATIONS		
RECOMMENDATIONS		
PUMP IS LEVEL		
MOTOR & PUMP ALIGNED (ALIGNMENT REPORT ATTACHED)		
PUMP BASE GROUTED		
PUMP HAS ADEQUATE SERVICE SPACE		
RECOMMENDED		
PRESSURE GAUGES INSTALLED		
OF FLOW CORRECT		
VALVES & STRAINERS INSTALLED		
BEARINGS LUBRICATED		
NAMEPLATE IS VISIBLE		
VIBRATION ISOLATORS CORRECT		
PIPE ARRANGEMENT & SUPPORT		
CUNO FILTER FULL AND VALVES OPEN		
PIPING IDENTIFICATION INSTALLED		
STRAINERS / PARTICLE FILTERS		
CHEMICAL FEEDER		
COUPLING GUARD		
LIFTING HOOKS FOR MOTOR INSTALLED		
NAMEPLATE HEAD (FT)		
OPERATION TYPE (PARALLEL/SINGLE)		
OPERATION & MAINTENANCE		

MOTOR	SPECIFIED	SHOP DRAWINGS	INSTALLED
MANUFACTURER			

Static Verification

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER:	PWGSC
PROJECT:	R.060508.003
FILE NUMBER:	15014
DATE:	DD / MM / YYYY

MODEL			
SERIAL NO.			
MOTOR HORSEPOWER			
VOLTAGE / PHASE / FREQUENCY			
AMPERAGE			
HEADER SIZE AND RATE			
EFFICIENCY			
MOTOR RPM			

START-UP	STATUS	COMMENTS
IMPELLER & MOTOR ROTATION CORRECT		
OPERATION FROM ECMS VERIFIED		
OPERATED FOR 12 HOURS CONTINUOUSLY		
WORN PART & SEALS REPLACED IN PUMPS USED FOR CLEANING		
NO LEAKAGE FROM MECHANICAL SEALS.		
NET POSITIVE SUCTION HEAD CHECKED/CALCULATED		
AIR FLOW FOR MOTOR COOLING		

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

PUMP
Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

PUMP

Functional Performance Testing

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

RADIATION

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

RADIATION

	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
LOCATION						
THERMOSTAT LOCATED CORRECTLY						
SHUT-OFF VALVES INSTALLED						
AIR VENTS INSTALLED						
PIPING CORRECT						
FIN & ENCLOSURE CONDITION						
ACCESS AVAILABLE						
CONTROL VALVE OPERATION						
CONTROL VALVE NORMALLY OPEN/CLOSED						
CIRCUIT BALANCING VALVES						

START-UP

	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
GPM SPECIFIED						
GPM ACTUAL						
PRESSURE DROP						
SPECIFIED CAPACITY						
CALCULATED CAPACITY						

GENERAL COMMENTS:

--

POSITION/TITLE	SIGNATURE	DATE

RADIATION
Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

RADIATION
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

Static Verification

NAME:

COMPANY:

ADDRESS:

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: DD / MM / YYYY

MANUFACTURER

EQUIPMENT NO.

SERVICE

LOCATION

SPECIFIED

SHOP DRAWINGS

INSTALLED

MANUFACTURER

MODEL NO.

LOCATION

TYPE

SERIAL NO.

MOTOR MCA

VOLTAGE / PHASE / FREQUENCY

REFRIGERANT {TYPE} INSTALLED

LINE SET

SPLIT SYSTEM CONDENSER

STATUS

COMMENTS

INSTALLATION & MOUNTING

PIPING CONNECTIONS

ACCESS FOR SERVICING

PIPING INSULATION

ISOLATING/BALANCING VALVES

THERMOSTAT INSTALLED

VIBRATION & NOISE

GENERAL COMMENTS:**POSITION/TITLE**

SIGNATURE

DATE _____

SPLIT SYSTEM AIR CONDITIONING UNIT

Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

SPLIT SYSTEM AIR CONDITIONING UNIT

Functional Performance Testing

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

SUMP PUMP

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

SUMP PUMP	SPECIFIED	SHOP DRAWINGS	INSTALLED
MANUFACTURER			
MODEL NO.			
SERIAL NO.			
TYPE			
SIMPLEX OR DUPLEX			
CAPACITY (USGPM)			
HEAD (FT)			
MOTOR RPM			
MOTOR (HP)			
VOLTAGE / PHASE / FREQUENCY			

SUMP PUMP	STATUS	COMMENTS
INSTALLED AS PER DRAWINGS & SPECIFICATIONS		
INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS		
PUMP INSTALLED LEVEL ON FIRM BASE		
PUMP ACCESSIBLE FOR SERVING		
MOTOR AND PUMP ALIGNED		
BEARINGS LUBRICATED		
NAMEPLATE VISIBLE		
PUMP ON/OFF CONTROL FLOAT/MERCURY FLOAT SWITCHES AT CORRECT LEVEL		
HIGH LEVEL ALARM INSTALLED AT CORRECT LEVEL AND VERIFIED		
PIPING AS PER SPECIFICATION		
ISOLATION & CHECK VALVES		
INTAKE SCREEN/FILTER		
PRESSURE GAUGES INSTALLED		
ESSENTIAL POWER		

SUMP PUMP

Static Verification

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

NAMEPLATE

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

START-UP

	STATUS	COMMENTS
CAPACITY (USGPM)		
SUMP CONTAINS WATER BEFORE PUMP STARTED		
IMPELLER AND MOTOR ROTATION CORRECT		
FLOW DIRECTION CORRECT		
PUMP CAN BE REMOVED FROM SUMP FOR SERVICE		
NO LEAKAGE FROM MECHANICAL SEALS		

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

SUMP PUMP
Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

SUMP PUMP

Functional Performance Testing

REVISION #: _____

NAME: _____

COMPANY: _____

ADDRESS: _____

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

Static Verification

NAME:

COMPANY:

ADDRESS:

CUSTOMER: PWGSC

PROJECT: R.060508.003

FILE NUMBER: 15014

DATE: DD / MM / YYYY

MANUFACTURER		EQUIPMENT NO.	
SERVICE		LOCATION	

MANUFACTURER, MODEL & TYPE	VAV-1	VAV-2	VAV-3	VAV-4	VAV-5	VAV-6
LOCATION						
SIZE						
FLOW (L/S) (DESIGN/ACTUAL)						
INLET DUCT LENGTH (MIN. 4 X DUCT I)						
SILENCER/ACOUSTIC DUCT INSTALLED						
VAV BOX UNDAMAGED						
VAV BOX SUPPORTED CORRECTLY						
IDENTIFICATION TAGS VISIBLE						
CONTROLS ACCESSIBLE						

PIPING CORRECT						
PIPING IDENTIFIED						
PIPING INSULATED						
DRAIN INSTALLED						
AIR VENT INSTALLED						
SHUT OFF VALVE INSTALLED						
ACCESS DOORS INSTALLED						

CONTROL VALVE OPERATION						
CONTROLS VERIFIED						
ENTERING AIR TEMPERATURE AT MAXIMUM AIR FLOW						
EXITING AIR TEMPERATURE AT MAXIMUM AIR FLOW						

GENERAL COMMENTS:

VAV BOX
Static Verification

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

POSITION/TITLE	SIGNATURE	DATE

VAV BOX
Start-Up

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE

VAV BOX
Functional Performance Testing

REVISION #: _____

NAME: _____
COMPANY: _____
ADDRESS: _____

CUSTOMER: PWGSC
PROJECT: R.060508.003
FILE NUMBER: 15014
DATE: _____ DD / MM / YYYY

SHEET INTENTIONALLY LEFT BLANK FOR INDIVIDUAL TO POPULATE AS NEEDED

GENERAL COMMENTS:

POSITION/TITLE	SIGNATURE	DATE