

 BY JOHNSON CONTROLS		MODEL – TITAN
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YORK OM OPTIVIEW CONTROLS RETROFIT POINT-TO-POINT CHECKLIST

*TO: _____ JOB NAME: _____
 _____ LOCATION: _____
 _____ CUSTOMER ORDER NO. _____

YORK TEL. NO. _____ YORK ORDER NO. _____ YORK CONTRACT NO. _____
 CHILLER _____

MODEL NO. _____	SERIAL NO. _____
The work (as checked below) is in process and will be completed by _____ / _____ / _____ <div style="display: flex; justify-content: space-around; font-size: small;"> Month Day Year </div>	

GENERAL

- Field devices are installed and external control wiring to control panel completed in accordance with YORK wiring diagrams
- Control power supply available
- Pneumatic control piping completed and supply and control air pressure available

ANALOG INPUTS

DEVICE	DESCRIPTION	PASS
CT-1,2,3	Compressor Motor Current Transformers	<input type="checkbox"/>
LT-114	Subcooler Refrigerant Liquid Level	<input type="checkbox"/>
PT-111	Evaporator Refrigerant Pressure	<input type="checkbox"/>
PT-113	Compressor Discharge Pressure	<input type="checkbox"/>
PT-115	Intercooler Refrigerant Pressure	<input type="checkbox"/>
PT-140	Compressor Supply Oil Pressure	<input type="checkbox"/>
PT-143	Compressor Sump Oil Pressure	<input type="checkbox"/>
PT-144	Compressor Shaft Pump Oil Pressure	<input type="checkbox"/>
PT-146	Compressor Balance Piston Pressure	<input type="checkbox"/>
PT-147	Compressor Thrust Bearing Oil Pressure	<input type="checkbox"/>
PT-150	Gear Supply Oil Pressure	<input type="checkbox"/>
PT-156	Gear Shaft Pump Oil Pressure	<input type="checkbox"/>
PT-180	Supply Air Pressure	<input type="checkbox"/>
TT-100	Chilled Water Leaving Temperature	<input type="checkbox"/>
TT-101	Chilled Water Entering Temperature	<input type="checkbox"/>
TT-102	Condenser Water Entering Temperature	<input type="checkbox"/>
TT-103	Condenser Water Leaving Temperature	<input type="checkbox"/>
TT-106	Intercooler Refrigerant Liquid Temperature	<input type="checkbox"/>
TT-111	Evaporator Refrigerant Liquid Temperature	<input type="checkbox"/>
TT-112	Compressor Suction Temperature	<input type="checkbox"/>
TT-113	Compressor Discharge Temperature	<input type="checkbox"/>
TT-114	Subcooler Refrigerant Liquid Temperature	<input type="checkbox"/>
TT-115	Condenser Refrigerant Liquid Temperature	<input type="checkbox"/>
TT-140	Compressor Supply Oil Temperature	<input type="checkbox"/>
TT-142	Compressor Shaft End Bearing Oil Return Temperature	<input type="checkbox"/>

ANALOG INPUTS (CONT'D)

TT-143	Compressor Sump Oil Temperature	<input type="checkbox"/>
TT-147	Compressor Thrust Bearing Oil Return Temperature	<input type="checkbox"/>
TT-150	Gear Supply Oil Temperature	<input type="checkbox"/>
TT-151	Gear High Speed Shaft End Bearing Temperature	<input type="checkbox"/>
TT-152	Gear High Speed Blind End Bearing Temperature	<input type="checkbox"/>
TT-153	Gear Low Speed Blind End Bearing Temperature	<input type="checkbox"/>
TT-154	Gear Low Speed Shaft End Bearing Temperature	<input type="checkbox"/>
TT-161	Motor Shaft End Bearing Temperature	<input type="checkbox"/>
TT-162	Motor Blind End Bearing Temperature	<input type="checkbox"/>

BINARY INPUTS

DEVICE	DESCRIPTION	PASS
PDSLL-100	Chilled Water Low Differential Pressure	<input type="checkbox"/>
PDSLL-102	Condenser Water Low Differential Pressure	<input type="checkbox"/>
PDSLL-140A	Compressor Oil Low Differential Pressure	<input type="checkbox"/>
PSHH-113A	Compressor Discharge High Pressure	<input type="checkbox"/>
PSLL-111	Evaporator Low Pressure	<input type="checkbox"/>
PSLL-150	Gear Oil Low Pressure	<input type="checkbox"/>
TSHH-147	Compressor Thrust Bearing Oil High Temperature	<input type="checkbox"/>
TS-120	Oil Separator Temperature Switch	<input type="checkbox"/>
M2	Compressor Auxiliary Oil Pump Motor Starter Interlock	<input type="checkbox"/>
M3	Gear Auxiliary Oil Pump Motor Starter Interlock	<input type="checkbox"/>
MIR	Compressor Motor Full Voltage Run Contacts	<input type="checkbox"/>
MPD	Compressor Motor Protection Device Contacts	<input type="checkbox"/>
ZS-100A	Vane Motor Switch	<input type="checkbox"/>

ANALOG OUTPUTS

DEVICE	DESCRIPTION	PASS
LY-114	Subcooler Liquid Level Control Valve	<input type="checkbox"/>
PDY-115	Interstage Valve	<input type="checkbox"/>
TY-100A	Compressor Pre-Rotation Vanes	<input type="checkbox"/>
TY-100C	Hot Gas Bypass Valve	<input type="checkbox"/>

BINARY OUTPUTS

DEVICE	DESCRIPTION	PASS
FCV-104	Auxiliary Cooling Water Solenoid Valve	<input type="checkbox"/>
FCV-114	Interstage Liquid Injection Solenoid Valve	<input type="checkbox"/>
FCV-120	Oil Eductor Solenoid Valve	<input type="checkbox"/>
HTR-120A/B	Oil Separator Heaters	<input type="checkbox"/>
HTR-143A/B	Compressor Oil Sump Heaters	<input type="checkbox"/>
HTR-160A/B	Motor Space/Motor Exciter Heaters	<input type="checkbox"/>
M1	Compressor Motor Start/Stop	<input type="checkbox"/>
M2	Compressor Auxiliary Oil Pump Start/Stop	<input type="checkbox"/>
M3	Gear Auxiliary Oil Pump Start/Stop	<input type="checkbox"/>
PCV-100A	Compressor Pre-Rotation Vanes Air Dump Solenoid Valve	<input type="checkbox"/>
PCV-100C	Hot Gas Bypass Valve Air Dump Solenoid Valve	<input type="checkbox"/>
PCV-143	Compressor Sump Vent Solenoid Valve	<input type="checkbox"/>

With reference to the terms of the above contract, we are requesting the presence of your Authorized Representative at the job site on
 Month _____ / Day _____ / Year _____ to start the system and instruct operating personnel HAVE CONTACT _____
Names

We understand that the services of the YORK/Johnson Controls Authorized Representative will be furnished in accordance with the contract for a period of time of not more than _____ consecutive normal working hours, and we agree that a charge of _____ per diem plus travel expenses will be made to Johnson Controls if services are required for longer than _____ consecutive normal hours or if repeated calls are required, through no fault of YORK/Johnson Controls.

Signed: _____
Title: _____



BY JOHNSON CONTROLS

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New Release

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