Control System - Cogen HMI SD Card Backup			Revision: 2
Task			
Task Overview	**The Control System Cogen HMI Card Backup will be issued with the same start date as the 4000 hr cogen engine service and is to be completed in conjunction with this service. Also issued with the 20,000 hr, 40,000 hr, 60,000 hr cogen engine services ** **Control system and engine service contractors to liase to coordinate this work** Fill in Site details and Asset ID Complete backup of the relevant Cogen HMI SD Card as per the Job Instructions Document inspector details and sign-off		
Site			
Cogen Asset ID			
Inspector Details			
Name		Signature	
Date of implementation			

Work ID	Activity	Details	Completed	Date/Time	2	Comments
1 - Site Access						
1-1	Complete & Submit Process Risk Assessment					
2 - Work Preparation - Prior to Site						
2-1	Discuss the change and Cogen shutdowns with operations					
3 - Site Implementation - Cogen Backup						
3-1	Review the Site SCADA Alarms page, Cogen Page, and Comms page. Screenshot for later verification of system status	Used later to confirm the works have not created additional alarms				
3-2	Shutdown Cogen as per INNIO-ST023	Cogen shutdown sequence complete				
3-3	Disconnect power from Cogen Dia.NE HMI panel	Power disconnected from Cogen HMI				
3-4	Remove Cogen CompactFlash card from panel, photo card, and note card manufacturer	Cogen card removed and photo taken Manufacturer:				
3-5	Connect CompactFlash card to laptop with B&R Automation PVI Runtime Utility Center via external card reader/writer	Cogen card connected to laptop				
3-6	Open PVI tool and select Create/Restore a disk image	Create/Restore disk image selected				
3-7	Select **create image file from disk**	Create image file from disk selected				
3-8	Select Cogen CompactFlash disk as source and local folder on laptop as destination (as a .zp2 file)	Source and Destination selected (.zp2 file)				
3-9	Select create image and confirm image gets created	Image of Cogen created				
3-10	Safely eject CompactFlash card from laptop	Cogen card safely ejected				
3-11	Insert CompactFlash card back into Cogen Dia.NE HMI Panel	Cogen card inserted back into HMI panel				
3-12	Connect power to Cogen Dia.NE HMI panel	Power connected to Cogen HMI				
3-13	Start Cogen and confirm running healthy as per INNIO-ST023	Cogen Startup sequence complete without issue				
5 - Validation						
5-1	Confirm Cogen is now running healthy	Check values are reading/scaled properly in SCADA				
5-2	Review the Site SCADA Alarms page, Cogen Page, and Comms page. Verify no alarms or comms issues have been introduced by the works.	No alarms or communication failures generated due to works				
6 - Roll Back Plan						
6-1	Disconnect power from Cogen Dia.NE HMI panels	Power disconnected from HMI panels				
6-2	Return unchanged CompactFlash cards to the Dia.NE HMI panels	Unchanged CompactFlash cards returned to HMI panels				
6-3	Connect power to Cogen Dia.NE HMI Panels	Power connected to HMI panels				
6-4	Start Cogen and confirm running	Cogen returned to operating conditions prior to works				
7 - Completion						
7-1	Backup Cogen HMI project to NAS	Projects backed up and on NAS				
7-2	Note any issues and advise Utilita					
7-3	Submit completed ITP and CMF to QUU Control Systems Team					
8 - Notes						