Maintenance Job Planning/Estimating Worksheet

Planner:		WO#:		Date:	
Job Contact:		Location:		Asset ID#:	
Job Description:	This job plan is to guide you on determining which version firmware is present on your DG1 drive.				

Job Scope

Job Plan Seq.	Task Description	Task Duration	Number of Resources Required	Total Estimated Labor Hours	Reference Pictures
PLEASE READ					
	DG1's come with three main firmware versions, V34, V35, and V36. V34 and V35 are compatible with each other, but V36 **IS NOT**. There is an internal hardware change in the drive that prevents V36 firmware from working with V34/V35 drives, and V34/V35 firmware from working on a V36 drive. Due to this, **the standard firmware going forward will be V35 and V36.** Below is a chart to help determine which version firmware you have.				
Firmware Version and File Name			**Internal Drive Parameter Firmware Name (Parameter #: P21.2.2/3)**		
	V34 Firmware (file name: DG1_C0034/V0034)		01.03.XXXX or C0034		
	V35 Firmware (file name: DG1_C0035-ETN/V0035-ETN)		02.00.XXXX or C0035-ETN		
	V36 Firmware (File name: DG1_C36.05/V36.05)		02.01.XXXX or V36.05		
Determining Firmware Version using the DG1 Keypad					
0	Using the keypad buttons click on "MENU"				
10	Using the keypad buttons navigate to the "P: Parameters" option and press "OK"				

Seq#	Description				Image
20	Once in the parameters using the up/down arrows find "P21: System" and press "OK".				
30	Now find Parameter section "P21.2: Version Info" and press "OK". Move to parameter P21.2.2/3/4 and Press "OK". The firmware version is now displayed on the screen.				

0	Connect to the DG1 using a laptop with the required firmware installed, and the DG1 Ethernet to USB cable from Eaton.			0.00	
10	Once connected navigate to parameter section P21: System.			0.00	
20	Open "P21.2: Version Info", look at parameter "P21.2.2/3/4". This is the current firmware version.			0.00	

Total Job Plan Duration:	**0.00**	**Total Backlog Labor Hours:**		**0.00**	

Materials Required					
Seq#	Material Description/Specification	Quantity	Price/Unit	Total Cost	SKU#
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
			$0.00	$ -	
				$ -	
				$ -	
				$ -	

Total Material Cost:	**$**			**-**	

Safety Requirements					
Permits:	Confined Space Entry		Hot Work	X	Lockout/Tagout
PPE:	Safety Glasses, Safety Shoes, Gloves				
Additional Comments:					
Special Tools Needed: Laptop, Eaton DG1 Ethernet to USB cable					

(Insert Job Site Photos)