



SEPT 28/21

 HORIZON POWER SYSTEMS	Capstone C-600-S Pre-Commissioning Checklist
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C-600-S Capstone checklist			
	Yes	No	Comments
Has the fuel piping been completed, pressure/leak tested, and purged with gas that meets the Capstone fuel requirements?	<input type="checkbox"/>	<input type="checkbox"/>	NOT COMPLETED YET
Is 75 PSIG sustained fuel pressure and adequate volume available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	YES PNG 80 PSI
Is the fuel filtered to <10 micron?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Does the fuel regulator meet the Capstone 1 PSI/per second fluctuation requirement?	<input type="checkbox"/>	<input type="checkbox"/>	No Reg 80 PSI MAX FROM PNG
Is there locking devices on the fuel system that will need to be removed prior to fuel system use? If yes, please provide the name and Cell phone number of responsible parties.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	OPERATION (KEET) WILL BE ON LOCATION
Has the exhaust ducting been completed? If installed.	<input type="checkbox"/>	<input type="checkbox"/>	NOT COMPLETED YET
Have all high voltage connections been completed, torqued, and meg'd for shorts?	<input type="checkbox"/>	<input type="checkbox"/>	NOT COMPLETED YET
Have high voltage and low voltage cables been ran in separate conduits and isolated from each other?	<input type="checkbox"/>	<input type="checkbox"/>	NOT COMPLETED YET
Is the neutral bonded to ground at a maximum of one location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	YES
Is the ground at the turbine the same as the one used for customer loads?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	YES
Have all low voltage connections been completed?	<input type="checkbox"/>	<input type="checkbox"/>	NOT COMPLETED YET
Has the Capstone service clearances been met?	<input type="checkbox"/>	<input type="checkbox"/>	SEND REQUIREMENTS
Have accommodations been made to ensure that the engine and batteries can be removed by a forklift? The Capstone service clearances do not accommodate for forklift clearance.	<input type="checkbox"/>	<input type="checkbox"/>	SEND REQUIREMENTS
Can all service and access panels/doors be removed/ opened to provide full access?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the high voltage and control wiring drawing been submitted to Horizon for review?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
20' around all sides of turbine clear for service trucks and commissioning inspections to be completed.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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Modbus, and IP addressing for nodes and speeds submitted to Horizon for controller set up.	<input type="checkbox"/>	<input type="checkbox"/>	9600 Baud 485 station 10
7 IP address submitted for Horizon for controller set up.	<input type="checkbox"/>	<input type="checkbox"/>	In attached document 10.0.1.80 to 10.0.1.97
Small crane with operator for filter door installation.	<input type="checkbox"/>	<input type="checkbox"/>	

Please provide recent pictures of the site to illustrate the actual site conditions.

Provide detailed explanation below for any boxes checked NO above.

Completing this document will ensure that the site commissioning will proceed as smoothly as possible.