

IPS Commissioning Check Sheet

(Used for inputting data in the IPS Controller)

The following data should be documented prior to setting up your new IPS controller. By collecting this information and documenting it, you will not only be prepared for the setup process, but you will also have a printed record of the data that was selected. If you have chosen to have an Armstrong Certified Controls Service Technician enter the data onto the IPS Controller, they will require that the Contractor(s) sign off that the mechanical connections and electrical connections are completed prior to visiting the site to commission the controller.

Project Name: _____
 Building Address: _____
 Contractor Name: _____
 Date of Installation / Commissioning: _____
 IPS Model Number (eg. IPS Controller 5001): _____ Serial No.: _____
 Armstrong Service Representative (if applicable): _____

System Configuration		Motor Data:
Number of pumps	_____	Horsepower _____
Is there a standby pump?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Speed _____
Pump make, model and size	_____	Voltage _____
Pump(s) legend	_____	FLA rating _____
System design point flow (with units)	_____	Service factor _____
System design point head (with units)	_____	FL efficiency _____
Pump selection point flow	_____	FL slip _____
Pump selection point head	_____	Power Factor _____
*Pump end of curve flow rating	_____	Temperature class _____
*Pump end of curve pressure rating	_____	
Differential pressure switch (flow switch)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Desired default speed (factory preset at 95%)	_____	
Minimum drive speed (factory preset at 30%)	_____	If not known, use pump selection point flow and head.
Number of controller zones (process variables)	_____	

Controlling Data

Process Variables / Controlling Zones

Zone #	1	2	3	4	5	6	7	8	9	10	11
Zone Legend											
DP sensor range											
Zone set-point											

Rate of speed change / ramp time (0 - Full Speed) 20 seconds

Minimum Speed (factory set 30%) _____

Maximum Speed (factory set 100%) _____

Flow sensor range _____

Temperature sensor type, range _____

High temperature high alarm set-point _____

Hours of operation before switching lead pump _____

Date: _____

Signature: _____

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